

FERNS AND FERN ALLIES

Dittmer, H.J., E.F. Castetter, & O.M. Clark. 1954. The ferns and fern allies of New Mexico. Univ. New Mexico Publ. Biol. No. 6.

Family ASPLENIACEAE

- Asplenium** spleenwort
Alexander, P. 2006. Two ferns not occurring in New Mexico. The New Mexico Botanist 35:2. [*Asplenium palmeri*]
Bennert, W. & G. Fischer. 1993. Biosystematics and evolution of the *Asplenium trichomanes* complex. Webbia 48:743-760.
Wagner, W.H. Jr., R.C. Moran, C.R. Werth. 1993. Aspleniaceae, pp. 228-245. IN: Flora of North America, vol.2. Oxford Univ. Press.
palmeri Maxon : Reported by M&H and Wagner & Moran (1993), but no validating specimens have been located; awaits verification (Alexander 2006).
platyneuron (Linnaeus) Britton, Sterns, & Poggenburg [M&H; Wagner & Moran 1993]
ebony spleenwort
resiliens Kunze [M&H; W&S; Wagner & Moran 1993]
black-stem spleenwort
septentrionale (Linnaeus) Hoffmann [M&H; W&S; Wagner & Moran 1993]
forked spleenwort
trichomanes Linnaeus [Bennert & Fischer 1993; M&H; W&S; Wagner & Moran 1993]
maidenhair spleenwort

Family AZOLLACEAE

- Azolla** mosquito-fern
Lumpkin, T.A. 1993. Azollaceae, pp. 338-342. IN: Flora of North America, vol. 2. Oxford Univ. Press.
caroliniana Willdenow : Reports in W&S apparently belong to *Azolla mexicana* Presl, though *Azolla caroliniana* is known adjacent to NM near the Texas State line (Lumpkin 1993).
mexicana Schlechtendal & Chamisso ex K. Presl [Lumpkin 1993; M&H]
Mexican mosquito-fern

Family DENNSTAEDTIACEAE

- Pteridium** bracken-fern
Jacobs, C.A. & J.H. Peck. *Pteridium*, pp. 201-203. IN: Flora of North America, vol. 2. Oxford Univ. Press.
aquilinum (Linnaeus) Kuhn var. **pubescens** Underwood [Jacobs & Peck 1993; M&H; W&S]
bracken-fern

Family DRYOPTERIDACEAE

- Athyrium** lady-fern
Kato, M. 1993. *Athyrium*, pp. 255-258. IN: Flora of North America, vol. 2. Oxford Univ. Press.
felix-femina (Linnaeus) Roth ex Mertens var. **californicum** Butters [Kato 1993; M&H; W&S]
southwestern lady-fern
Cyrtomium auriculatum (Underwood) C.V. Morton = *Phanerophlebia auriculata* Underwood
Cystopteris bladder-fern
Haufler, C.H., R.C. Moran, & M.D. Windham. 1993. *Cystopteris*, pp. 263-270. IN: Flora of North America, vol. 2. Oxford Univ. Press.
Lellinger, D.B. 1985. A Field Manual of the Ferns & Fern-Allies of the United States & Canada. Smithsonian Institution Press. 389 pp. [*Cystopteris tenuis*]
bulbifera (Linnaeus) Bernhardt [Haufler et al. 1993; M&H]
bulblet bladder-fern
fragilis (Linnaeus) Bernhardt [Haufler et al. 1993; M&H; W&S]
brittle bladder-fern
Filix fragilis (Linnaeus) Gilib
Polypodium fragilis Linnaeus
fragilis (Linnaeus) Bernhardt subsp. *tenuifolia* Clute = *Cystopteris reevesiana* Lellinger
reevesiana Lellinger [Haufler et al. 1993; M&H]
Reeves bladder-fern
Cystopteris fragilis (Linnaeus) Bernhardt subsp. *tenuifolia* Clute
tenuis (Michaux) Desvaux [Lellinger 1985]
slender bladder-fern
utahensis Windham & Haufler : Reported without documentation by Kartesz (1999); awaits verification.
Dryopteris male-fern
Montgomery, J.D. & W.H. Wagner, Jr. 1993. *Dryopteris*, pp. 280-288. IN: Flora of North America, vol. 2. Oxford Univ. Press.
disjuncta (Ruprecht) Morton [= *Gymnocarpium disjuncta* (Ruprecht) Ching] : This name is incorrectly listed as a synonym of *Gymnocarpium dryopteris* (Linnaeus) Newman by M&H; the species is not known from NM (Montgomery & Wagner 1993).
linnaeana C. Christensen = *Gymnocarpium dryopteris* (Linnaeus) Newman
felix-mas (Linnaeus) Schott [M&H; Montgomery & Wagner 1993; W&S]
male-fern
Polypodium filix-mas Linnaeus
Filix fragilis (Linnaeus) Gilib = *Cystopteris fragilis* (Linnaeus) Bernhardt
Gymnocarpium oak-fern

Pryor, K.M. 1993. *Gymnocarpium*, pp. 258-260. IN: Flora of North America, vol. 2. Oxford Univ. Press.

dryopteris (Linnaeus) Newman [M&H; Pryor 1993]

northern oak-fern

Dryopteris linnaeana C. Christensen

Phanerophlebia veiny-fern

Yatskievych, G. 1993. *Phanerophlebia*, pp. 300-301. IN: Flora of North America, vol. 2. Oxford Univ. Press.

auriculata Underwood [M&H; W&S; Yatskievych 1993]

eared veiny-fern

Cyrtomium auriculatum (Underwood) C.V. Morton

Polypodium felix-mas Linnaeus = *Dryopteris felix-mas* (Linnaeus) Schott

fragilis Linnaeus = *Cystopteris fragilis* (Linnaeus) Bernhardt

Polystichum lonchitis (Linnaeus) Roth : Reported from northern NM by M&H, but Yatskievych (1993) shows the nearest location in southeastern Arizona; needs verification.

Woodsia cliff-fern

Heil, K.D. & S.L. O'Kane, Jr. 2003. Catalog of the Four Corners flora: Vascular plants of the San Juan River drainage, Arizona, Colorado, New Mexico and Utah. Harvard Papers in Botany 7(2):321-379.

Windham, M.D. 1993. *Woodsia*, pp. 270-280. IN: Flora of North America, vol. 2. Oxford Univ. Press.

cochisensis Windham [Windham 1993]

Cochise cliff-fern

mexicana Fee sensu stricto : Not in NM; see *Woodsia neomexicana* Windham and *Woodsia phillipsii* Windham.

neomexicana Windham [Windham 1993]

New Mexico cliff-fern

oregana D. C. Eaton subsp. ***cathcartiana*** (B.L. Robinson) Windham [M&H; Windham 1993]

Oregon cliff-fern

phillipsii Windham [Windham 1993]

Phillip's cliff-fern

plummerae Lemmon [M&H; W&S; Windham 1993]

Plummer's cliff-fern

Woodsia pusilla E. Fournier var. *glandulosa* (Eaton & Faxon) Taylor

pusilla E. Fournier var. *glandulosa* (Eaton & Faxon) Taylor = *Woodsia plummerae* Lemmon

scopulina D. C. Eaton : Reported for NM by Heil & O'Kane (2003) and M&H but not by Windham (1993); needs verification.

Family EQUISETACEAE

Equisetum horsetail

Hartman, R.L., B. Reif, B.E. Nelson, & B. Jacobs. 2006. New vascular plant records for New Mexico. Sida 22(2):1225-1233. [*E. nelsonii*]

Hauke, R.L. 1993. Equisetaceae, pp. 76-84. IN: Flora of North America, vol. 2. Oxford Univ. Press.

Heil, K.D. & S.L. O'Kane, Jr. 2003. Catalog of the Four Corners flora: Vascular plants of the San Juan River drainage, Arizona, Colorado, New Mexico and Utah. Harvard Papers in Botany 7(2):321-379. [*E. variegatum*]

arvense Linnaeus [Hauke 1993; M&H; W&S]

field horsetail

×***ferrissii*** Clute [Hauke 1993]

Ferriss's hybrid horsetail

hyemale Linnaeus subsp. ***affine*** (Engelmann) Calder & R.L. Taylor [Hauke 1993; M&H; W&S]

rough horsetail

Equisetum hyemale Linnaeus var. *affine* (Engelmann) A.A. Eaton

Equisetum robustum A. Braun

hyemale Linnaeus var. *affine* (Engelmann) A.A. Eaton = *Equisetum hyemale* Linnaeus subsp. *affine* (Engelmann) Calder & R.L. Taylor

kansanum Schaffner = *Equisetum laevigatum* A. Braun

laevigatum A. Braun [Hauke 1993; M&H; W&S]

smooth horsetail

Equisetum kansanum Schaffner

×***nelsonii*** (A.A. Eaton) J.H. Schaffner [Hartman et al. 2006]

Nelson's hybrid horsetail

pratense Ehrhart : Reported by Heil & O'Kane (2003), but this known from Canada and the northeastern United States; needs verification.

robustum A. Braun = *Equisetum hyemale* Linnaeus subsp. *affine* (Engelmann) Calder & R.L. Taylor

variegatum Schleicher [Heil & O'Kane 2003]

variegated horsetail

Family ISOËTACEAE

Isoetes quillwort

Taylor, W.C., N.T. Luebke, D.M. Britton, R.J. Hickey, & D.F. Brunton. 1993. Isoëtaceae, pp. 64-75. IN: Flora of North America, vol. 2. Oxford Univ. Press.

bolanderi Engelmann [M&H; Taylor et al. 1993]

Bolander's quillwort

Family LYCOPODIACEAE

Huperzia clubmoss

Sivinski, R., T. Lowrey, & C. Keller. 1995. Additions to the floras of Colorado and New Mexico. *Phytologia* 79(5):319-324. [*Huperzia lucidula*]
Wagner, W.H., Jr. & J.M. Beitel. 1993. Lycopodiaceae, pp. 18-37. IN: Flora of North America, vol. 2. Oxford Univ. Press.

lucidula (Michaux) Trevisan [Sivinski et al. 1995]
shining clubmoss

Lycopodium ground-pine

Sivinski, R., T. Lowrey, & C. Keller. 1995. Additions to the floras of Colorado and New Mexico. *Phytologia* 79(5):319-324. [*Lycopodium clavatum*]
Wagner, W.H., Jr. & J.M. Beitel. 1993. Lycopodiaceae, pp. 18-37. IN: Flora of North America, vol. 2. Oxford Univ. Press.

annotinum Linnaeus [M&H; Wagner & Beitel 1993]
stiff ground-pine
clavatum Linnaeus [Sivinski et al. 1995]
running ground-pine

Family MARSILEACEAE

Marsilea pepperwort

Johnson, D.M. 1993. Marsileaceae, pp. 331-335. IN: Flora of North America, vol. 2. Oxford Univ. Press.

fournieri C. Christensen = *Marsilea vestita* Hooker & Greville
minuta Fournier = *Marsilea vestita* Hooker & Greville
mucronata A. Braun = *Marsilea vestita* Hooker & Greville
vestita Hooker & Greville [Johnson 1993; M&H; W&S]
hooked pepperwort
Marsilea fournieri C. Christensen
Marsilea minuta Fournier
Marsilea mucronata A. Braun

Family OPHIOGLOSSACEAE

Botrychium moonwort

Isaacs, B. 1977. Native Plant Society of New Mexico News. Oct:1-2. [*B. lunaria*]
Lellinger, D.B. 1985. A Field Manual of the Ferns & Fern-Allies of the United States & Canada. Smithsonian Institution Press. 389 pp.
Spellenberg, R. 2004. Plant distribution reports. The New Mexico Botanist 29:7. [*B. echo*]
Wagner, W.H., Jr. & F.S. Wagner. 1993. Ophioglossaceae, pp. 85-106. IN: Flora of North America, vol. 2. Oxford Univ. Press.

echo W.H. Wagner [Spellenberg 2004]
reflected moonwort

lanceolatum (S.G. Gmelin) Ångström [Isaacs 1977; Wagner & Wagner 1993]
lance-leaf moonwort

Osmunda lanceolata S.G. Gmelin

lunaria (Linnaeus) Swartz [Isaacs 1977; Lellinger 1985]
common moonwort

matricariifolium A. Braun : Reported for NM by Spellenberg (1978), but the specimen is referred to *Botrychium echo* W.H. Wagner.

Botrychium matricariifolium s.s. occurs from Minnesota eastward (Spellenberg 2004; Wagner & Wagner 1993).

multifidum (S.G. Gmelin) Ruprecht subsp. *coulteri* (Underwood) Clausen : Reported as expected by M&H; awaits verification.

simplex E. Hitchcock [Lellinger 1985; M&H]
least moonwort

virginianum (Linnaeus) Swartz [Wagner & Wagner 1993]
rattlesnake fern

Ophioglossum adder's-tongue

Wagner, W.H., Jr. & F.S. Wagner. 1993. Ophioglossaceae, pp. 85-106. IN: Flora of North America, vol. 2. Oxford Univ. Press.

engelmannii Prantl [Wagner & Wagner 1993]
Engelmann's adder's-tongue

Family OSMUNDACEAE

Whetstone, R.D. & T.A. Atkinson. 1993. Osmundaceae, pp. 107-109. IN: Flora of North America, vol. 2. Oxford Univ. Press.

Osmunda cinnamomea Linnaeus : Reported as expected by M&H, but occurring from east Texas and eastward (Whetstone & Atkinson 1993).

lanceolata S.G. Gmelin = *Botrychium lanceolatum* (S.G. Gmelin) Ångström

Family POLYPODIACEAE

Adiantum = see PTERIDACEAE

Asplenium = see ASPLENACEAE

Athyrium = see DRYOPTERIDACEAE

Bommeria = see PTERIDACEAE

Cheilanthes = see PTERIDACEAE

Cryptogramma = see PTERIDACEAE

Cystopteris = see DRYOPTERIDACEAE

Dryopteris = see DRYOPTERIDACEAE

Gymnocarpium = see DRYOPTERIDACEAE

Notholaena = see PTERIDACEAE

Pellaea = see PTERIDACEAE

Phanerophlebia = see DRYOPTERIDACEAE

Pityrogramma = see PTERIDACEAE

Pleopeltis riograndense (T. Wendt) Andrews & Windham : Reported for NM by Kartesz (1999) without documentation, perhaps based on Tidestrom & Kittell (1941), who reported "western Texas to southeastern Arizona; it has not yet been found in NM and awaits verification.

Polypodium thyssanolepis A. Braun ex Klotzsch

Polypodium polypody

Haufler, C.H., M.D. Windham, F.A. Lang, & S.A. Whitmore. 1993. *Polypodium*, pp. 315-323. IN: Flora of North America, vol. 2. Oxford Univ. Press.

hesperium Maxon [Haufler et al. 1993; M&H; W&S]

western polypody

Polypodium vulgare Linnaeus var. *columbianum* Gilbert

saximontanum Windham [Haufler et al. 1993]

Rocky Mountain polypody

thyssanolepis A. Braun ex Klotzsch = *Pleopeltis riograndense* (T. Wendt) Andrews & Windham

vulgare Linnaeus = *Polypodium hesperium* Maxon

vulgare Linnaeus var. *columbianum* Gilbert = *Polypodium hesperium* Maxon

Polystichum = see DRYOPTERIDACEAE

Pteridium = see DENNSTAEDTIACEAE

Woodsia = see DRYOPTERIDACEAE

Family PTERIDACEAE

Gastony, G.J. & D.R. Rollo. 1998. Cheilanthoid ferns (Pteridaceae: Cheilanthoideae) in the southwestern United States and adjacent Mexico -- a molecular phylogenetic reassessment of generic lines. *Aliso* 17(2):131-144.

Acrostichum sinuatum Lagasca ex Swartz = *Astrolepis sinuata* (Lagasca ex Swartz) D.M. Benham & Windham subsp. *sinuata*

Adiantum maiden-hair

Paris, C.A. 1993. *Adiantum*, pp. 125-130. IN: Flora of North America, vol. 2. Oxford Univ. Press.

capillus-veneris Linnaeus [M&H; Paris 1993; W&S]

southern maiden-hair

Argyrochosma cloak-fern

Windham, M.D. 1993. *Argyrochosma*, pp. 171-174. IN: Flora of North America, vol. 2. Oxford Univ. Press.

fendleri (Kunze) Windham [M&H; W&S; Windham 1993]

Fendler's cloakfern

Notholaena fendleri Kunze

Pellaea fendleri (Kunze) Prantl

incana (C. Presl) Windham [Windham 1993]

hairy cloakfern

limitanea (Maxon) Windham subsp. *limitanea* [M&H; Windham 1993]

southwestern false-cloakfern

Notholaena limitanea Maxon

Pellaea limitanea (Maxon) Morton

limitanea (Maxon) Windham subsp. *mexicana* (Maxon) Windham [Windham 1993]

southwestern false-cloakfern

microphylla (Mettenius ex Kuhn) Windham [M&H; W&S; Windham 1993]

little-leaf cliffbrake

Pellaea microphylla Met. ex Kuhn

Pellaea pulchella sensu W&S

Astrolepis cloak-fern

Benham, D.M. & M.D. Windham. 1993. *Astrolepis*, pp. 140-143. IN: Flora of North America, vol. 2. Oxford Univ. Press.

cochisensis (Goodding) D.M. Benham & Windham subsp. *chihuahuensis* D.M. Benham [Benham & Windham 1993]

jimmyfern

cochisensis (Goodding) D.M. Benham & Windham subsp. *cochisensis* [Benham & Windham 1993; M&H]

jimmyfern

Notholaena cochisensis Goodding

Notholaena sinuata (Lagasca) Kaulfuss var. *cochisensis* (Goodding) Weatherby

integerrima (Hooker) D.M. Benham & Windham [Benham & Windham 1993; M&H; W&S]

southwestern cloakfern

Notholaena sinuata (Lagasca) Kaulfuss var. *integerrima* Hooker

sinuata (Lagasca ex Swartz) D.M. Benham & Windham subsp. *mexicana* D.M. Benham [Benham & Windham 1993]

wavy cloakfern

sinuata (Lagasca ex Swartz) D.M. Benham & Windham subsp. *sinuata* [Benham & Windham 1993; M&H; W&S]

wavy cloakfern

Acrostichum sinuatum Lagasca ex Swartz

Notholaena sinuata (Lagasca ex Swartz) Kaulfuss

windhamii D.M. Benham [Benham & Windham 1993]

Windham's cloakfern

Bommeria boomeria

- Haufler, C.H. 1993. *Bommeria*, pp. 151-152. IN: Flora of North America, vol. 2. Oxford Univ. Press.
- hispid** (Mettenius ex Kuhn) Underwood [Haufler 1993; M&H; W&S]
 hairy bommeria
Gymnopteris hispida (Mettenius) Underwood
Gymnogramma hispida Mettenius
- Cheilanthes** lipfern
- Todsén, T.K. 1980. A report on the survey for rare plant species at the Bioresearch Ranch, central Peloncillo Mountains, Hidalgo County, New Mexico. New Mexico State Heritage Program, Department of Natural Resources. [*Cheilanthes pringlei*]
- Wagner, W.L. 1979. New records to the Animas Mountain flora, New Mexico. Southw. Naturalist 24(2):291-296. [*Cheilanthes pringlei*]
- Windham, M.D. & E.W. Rabe. 1993. *Cheilanthes*, pp. 152-169. IN: Flora of North America, vol. 2. Oxford Univ. Press.
- aemula Maxon : Reported as expected by M&H; awaits verification.
- alabamensis** (Buckley) Kunze [M&H; Windham & Rabe 1993]
 Alabama lipfern
Pteris alabamensis Buckley
- bonariensis** (Willdenow) Proctor [W&S; Windham & Rabe 1993]
 slender lipfern
Notholaena aurea (Poirét) Desvaux
Notholaena bonariensis (Willdenow) C. Christensen
Pellaea ferruginea Nees
Pteris aurea Poirét
- eatonii** Baker [M&H; W&S; Windham & Rabe 1993]
 Eaton's lipfern
- fei** Moore [M&H; W&S; Windham & Rabe 1993]
 Santa Fe lipfern
- fendleri** Hooker [M&H; W&S; Windham & Rabe 1993]
 Fendler's lipfern
 horridula Maxon : Reported by M&H and W&S, but the locality of the known single specimen is strongly questionable and presumed not to be from NM; awaits verification (Alexander 2006).
Cheilanthes scabra C. Christensen
- lindheimeri** (J. Smith) Hooker [M&H; W&S; Windham & Rabe 1993]
 fairy swords
myriophylla Desvaux = *Cheilanthes villosa* Davenport ex Maxon
- pringlei** Davenport [M&N; Todsén 1980; Wagner 1979] Note: Windham & Rabe (1993) restrict this species to the Sonoran desert and regard these reports as misidentifications; specimens perhaps need verification.
 Pringles' lipfern
scabra C. Christensen = *Cheilanthes horridula* Maxon
- tomentosa** Link [M&H; Windham & Rabe 1993]
 wooly lipfern
- villosa** Davenport ex Maxon [M&H; W&S; Windham & Rabe 1993]
 hairy lipfern
Cheilanthes myriophylla Desvaux
- wootonii** Maxon [M&H; Windham & Rabe 1993]
 Wooton's lipfern
- wrightii** Hooker [M&H; W&S; Windham & Rabe 1993]
 Wright's lipfern
- yavapensis** T. Reeves ex Windham [Windham & Rabe 1993]
 graceful lipfern
- Cryptogramma** rockbrake
- Alverson, E.R. 1993. *Cryptogramma*, pp. 137-139. IN: Flora of North America, vol. 2. Oxford Univ. Press.
- acrostichoides** R. Brown [Alverson 1993; M&H]
 American rockbrake
Cryptogramma crispa (Linnaeus) R. Brown var. *acrostichoides* (R. Brown) C.B. Clarke
crispa (Linnaeus) R. Brown var. *acrostichoides* (R. Brown) C.B. Clarke = *Cryptogramma acrostichoides* R. Brown
 stelleri (S.G. Gmelin) Prantl : Reported as expected by M&H; awaits verification.
- Gymnogramma hispida* Mettenius = *Bommeria hispida* (Mettenius) Underwood
Gymnopteris hispida (Mettenius) Underwood = *Bommeria hispida* (Mettenius) Underwood
- Notholaena** cloak-fern
- Windham, M.D. 1993. *Notholaena*, pp. 143-149. IN: Flora of North America, vol. 2. Oxford Univ. Press.
- aschenborniana Klotzsch : Reported as expected by M&H map; awaits verification.
aurea (Poirét) Desvaux = *Cheilanthes bonariensis* (Willdenow) Proctor
bonariensis (Willdenow) C. Christensen = *Cheilanthes bonariensis* (Willdenow) Proctor
cochisensis Goodding = *Astrolepis cochisensis* (Goodding) D.M. Benham & Windham
 dealbata (Pursh) Kunze [= *Argyrochosma dealbata* (Pursh) Windham] : Reported by W&S, but not occurring in NM (M&H; Windham 1993).
fendleri Kunze = *Argyrochosma fendleri* (Kunze) Windham
- grayi** Davenport [Windham 1993]
 Gray's cloak-fern

Cheilanthes grayi (Davenport) Domin
hookeri D. C. Eaton = *Notholaena standleyi* Maxon
limitanea Maxon = *Agryrochosma limitanea* (Maxon) Windham
sinuata (Lagasca) Kaulfuss var. *cochisensis* (Goodding) Weatherby = *Astrolepis cochisensis* (Goodding) D.M. Benham & Windham subsp. *cochisensis*
sinuata (Lagasca) Kaulfuss var. *integerrima* Hooker = *Astrolepis integerrima* (Hooker) D.M. Benham & Windham
sinuata (Lagasca ex Swartz) Kaulfuss var. *sinuata* = *Astrolepis sinuata* (Lagasca ex Swartz) D.M. Benham & Windham subsp. *sinuata*
standleyi Maxon [M&H; W&S; Windham 1993]

Standley's cloak-fern

Notholaena hookeri D. C. Eaton

Pellaea cliffbrake

Windham, M.D. 1993. *Pellaea*, pp. 175-186. IN: Flora of North America, vol. 2. Oxford Univ. Press.

atropurpurea (Linnaeus) Link [M&H; W&S; Windham 1993]

purple cliffbrake

Pteris atropurpurea Linnaeus

fendleri (Kunze) Prantl = *Argyrochosma fendleri* (Kunze) Windham

ferruginea Nees = *Cheilanthes bonariensis* (Willdenow) Proctor

glabella Mettenius ex Kuhn. subsp. ***simplex*** (Butters) A. Löve & D. Löve [M&H; Windham 1993]

smooth cliffbrake

Pellaea glabella Mettenius ex Kuhn. var. *simplex* Butters

Pellaea suksdorfiana Butters

intermedia Mettenius ex Kuhn [M&H; W&S; Windham 1993]

creeping cliffbrake

limitanea (Maxon) Morton = *Argyrochosma limitanea* (Maxon) Windham subsp. *limitanea*

longimucronata Hooker = *Pellaea truncata* Goodding

microphylla Met. ex Kuhn = *Argyrochosma microphylla* (Met. ex Kuhn) Windham

mucronata sensu W&S = *Pellaea wrightiana* Hooker

ovata (Desvaux) Weatherby : Reported for NM by Correll & Johnston (1970) and Tidestrom & Kittell (1941), but excluded from NM by Windham (1993); needs verification.

pulchella sensu W&S = *Argyrochosma microphylla* (Mettenius ex Kuhn) Windham

scabra C. Christensen = *Cheilanthes horridula* Maxon

suksdorfiana Butters = *Pellaea glabella* Mettenius ex Kuhn. subsp. *simplex* (Butters) A. Löve & D. Löve

ternifolia sensu W&S = *Pellaea wrightiana* Hooker

truncata Goodding [M&H; Windham 1993]

spiny cliffbrake

Pellaea longimucronata Hooker

Pellaea wrightiana Hooker var. *longimucronata* (Hooker) Davenport

wrightiana Hooker [M&H; W&S; Windham 1993]

Wright cliffbrake

Pellaea ternifolia (Cavanilles) Link var. *wrightiana* (Hooker) Tryon

wrightiana Hooker var. *longimucronata* (Hooker) Davenport = *Pellaea truncata* Goodding

Pentagramma goldfern

Yatskievych, G. & M.D. Windham. 1993. *Pentagramma*, pp. 149-151. IN: Flora of North America, vol. 2. Oxford Univ. Press.

triangularis (Kaulfuss) Yatskievych, Windham, & E. Wollenweber subsp. ***maxonii*** (Weatherby) Yatskievych, Windham, & E. Wollenweber [M&H; Yatskievych 1993]

western goldfern

Pityrogramma triangularis (Kaulfuss) Maxon

Pityrogramma triangularis (Kaulfuss) Maxon = *Pentagramma triangularis* (Kaulfuss) Yatskievych, Windham, & E. Wollenweber subsp. *maxonii* (Weatherby) Yatskievych, Windham, & E. Wollenweber

Pteris alabamensis Buckley = *Cheilanthes alabamensis* (Buckley) Kunze

atropurpurea Linnaeus = *Pellaea atropurpurea* (Linnaeus) Link

aurea Poiret = *Cheilanthes bonariensis* (Willdenow) Proctor

Family SALVINIACEAE

Azolla = see AZOLLACEAE

Salvinia water-spangles

Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Salvinia minima*]

Nauman, C.E. 1993. Salviniaceae, pp. 336-337. IN: Flora of North America, vol. 2. Oxford Univ. Press.

****minima*** Baker [Allred 1999]

water-spangles

Family SELAGINELLACEAE

Selaginella spikemoss

Valdespino, I.A. 1993. Selaginellaceae, pp. 38-63. IN: Flora of North America, vol. 2. Oxford Univ. Press.

arizonica Maxon : Reported as expected by M&H map; awaits verification.

densa Rydberg var. ***densa*** [Valdespino 1993; W&S]

dense spikemoss

densa Rydberg var. *scopulorum* (Maxon) R. Tryon = *Selaginella scopulorum* Maxon
fendleri Hieronymus (non Baker) = *Selaginella underwoodii* Hieronymus
lepidophylla (Hooker & Greville) Spring [M&H; Valdespino 1993]
 resurrection plant, flower-of-stone
mutica D.C. Eaton ex Underwood var. *limitanea* Weatherby [M&H; Valdespino 1993]
 blunt-leaf spikemoss
mutica D.C. Eaton ex Underwood var. *mutica* [M&H; Valdespino 1993; W&S]
 blunt-leaf spikemoss
 ×*neomexicana* Maxon [M&H; Valdespino 1993]
 New Mexico spikemoss
peruviana (Milde) Hieronymus [M&H; Valdespino 1993]
 Peruvian spikemoss
pilifera A. Braun [M&H; Valdespino 1993]
 resurrection plant
 Selaginella pringlei Baker
 Selaginella pilifera A. Braun var. *pringlei* (Baker) Morton
pilifera A. Braun var. *pringlei* (Baker) Morton = *Selaginella pilifera* A. Braun
pringlei Baker = *Selaginella pilifera* A. Braun
rupestris (Linnaeus) Spring var. *rupicola* (Underwood) Clute = *Selaginella rupicola* Underwood
rupicola Underwood [M&H; Valdespino 1993; W&S]
 ledge spikemoss
 Selaginella rupestris (Linnaeus) Spring var. *rupicola* (Underwood) Clute
scopulorum Maxon [M&H; Valdespino 1993]
 Rocky Mountain spikemoss
 Selaginella densa Rydberg var. *scopulorum* (Maxon) R. Tryon
underwoodii Hieronymus [M&H; Valdespino 1993; W&S]
 Underwood's spikemoss
 Selaginella fendleri Hieronymus (non Baker)
weatherbiana R. Tryon [M&H; Valdespino 1993]
 Weatherby spikemoss
wrightii Hieronymus [M&H; Valdespino 1993; W&S]
 Wright's spikemoss

GYMNOSPERMS

Family CUPRESSACEAE

[Juniperaceae]

Watson, F.D. & J.E. Eckenwalder. 1993. Cupressaceae, pp. 399-422. IN: Flora of North America, vol. 2. Oxford University Press.

Cupressus cypress

arizonica Greene [M&H; W&S; Watson 1993]

Arizona cypress

Juniperus juniper

Adams, R.P. 1993. *Juniperus*, pp. 412-420. IN: Flora of North America, vol. 2. Oxford Univ. Press.

Adams, R.P. 1994. Geographic variation and systematics of monospermous *Juniperus* (Cupressaceae) from the Chihuahua Desert based on RAPDs and terpenes. *Biochem. Syst. Ecol.* 22(7):699-710.

Adams, R.P. & T.A. Zanoni. 1979. The distribution, synonymy, and taxonomy of three junipers of southwestern United States and northern Mexico. *Southw. Natural.* 24(2):323-329.

ashei Buchholz : Reported by M&H, but not by Adams (1993); needs verification.

coahuilensis (Martinez) Gaussen ex R.P. Adams var. **arizonica** R.P. Adams [Adams 1994]

roseberry juniper

Juniperus erythrocarpa Cory var. *coahuilensis* Martinez

communis Linnaeus var. **depressa** Pursh [Adams 1993; M&H; W&S]

dwarf juniper

communis Linnaeus var. **saxatilis** Pallas [=*Juniperus communis* Linnaeus var. **montana** Aiton] : Reported by M&H, but not yet known from NM (Adams 1993).

depeana Steudel [Adams 1993; M&H; W&S]

alligator juniper

Juniperus pachyphloea Torrey

Juniperus depeana Steudel var. *pachyphloea* (Torrey) Martinez

depeana Steudel var. *pachyphloea* (Torrey) Martinez = *Juniperus depeana* Steudel

erythrocarpa Cory = *Juniperus pinchottii* Sudworth

erythrocarpa Cory var. **coahuilensis** Martinez = *Juniperus coahuilensis* (Martinez) Gaussen ex R.P. Adams var. **arizonica** R.P. Adams

gymnocarpa (Lemmon) Cory = *Juniperus monosperma* (Engelmann) Sargent

megalocarpa Sudworth = *Juniperus osteosperma* (Torrey) Little

mexicana Sprengel var. **monosperma** (Engelmann) Cory = *Juniperus monosperma* (Engelmann) Sargent

monosperma (Engelmann) Sargent [Adams 1993; M&H; W&S]

one-seed juniper

Juniperus gymnocarpa (Lemmon) Cory

Juniperus mexicana Sprengel var. **monosperma** (Engelmann) Cory

Juniperus occidentalis var. **monosperma** Engelmann

monosperma (Engelmann) Sargent var. **pinchotti** (Sudworth) Van Melle = *Juniperus pinchottii* Sudworth

occidentalis Hooker var. **monosperma** Engelmann = *Juniperus monosperma* (Engelmann) Sargent

osteosperma (Torrey) Little [Adams 1993; M&H; W&S]

Utah juniper

Juniperus utahensis (Engelmann) Lemmon

Juniperus megalocarpa Sudworth

pachyphloea Torrey = *Juniperus depeana* Steudel

pinchottii Sudworth [Adams 1993; M&H]

Pinchot's juniper, redberry juniper

Juniperus erythrocarpa Cory

Juniperus monosperma (Engelmann) Sargent var. **pinchotti** (Sudworth) Van Melle

scopulorum Sargent [Adams 1993; M&H; W&S]

Rocky Mountain juniper

Juniperus virginiana Linnaeus var. **scopulorum** (Sargent) Lemmon

sibirica Burgsdorff [=*Juniperus communis* Linnaeus var. **montana** Aiton] : Not occurring in NM.

utahensis (Engelmann) Lemmon = *Juniperus osteosperma* (Torrey) Little

virginiana Linnaeus var. **scopulorum** (Sargent) Lemmon = *Juniperus scopulorum* Sargent

Taxodium

St. Hilaire, R. 2001. Seed coat treatments influence germination of *Taxodium mucronatum*. *Desert Plants* 17(1):15-18.

distichum (Linnaeus) L.C. Richard var. **mexicanum** Gordon : Reported for NM by St. Hilaire (2001), based on seed given him by a nurseryman; locality in question; awaits verification.

Taxodium mucronatum M. Tenore

mucronatum M. Tenore = *Taxodium distichum* (Linnaeus) L.C. Richard var. **mexicanum** Gordon

Family EPHEDRACEAE

Ephedra ephedra

Cutler, H.C. 1939. Monograph of the North American species of the genus *Ephedra*. *Ann. Missouri Bot. Gard.* 26:373-427.

Powell, A.M. 1988. *Trees and Shrubs of Trans-Pecos Texas*. Big Bend Natural History Assoc.

Stevenson, D.W. 1993. *Ephedraceae*, pp. 428-434. IN: Flora of North America, vol. 2. Oxford University Press.

antisiphilitica Berlandier : Reported by M&H and W&S from southern NM, but validating specimens have not been found; both Stevenson (1993) and Powell (1988) report it east of NM.

aspera Engelm ex S. Watson [M&H; Stevenson 1993]
 rough ephedra
Ephedra nevadensis S. Watson var. *aspera* (Engelm ex S. Watson) L. Benson

coryi E. L. Reed [Stevenson 1993; Powell 1988]
 Cory's ephedra

cutleri Peebles [M&H; Stevenson 1993]
 Cutler's ephedra
Ephedra viridis Coville var. *viscida* (Cutler) L. Benson
 × *intermixta* Cutler (hybrid between *Ephedra torreyana* × *E. trifurca*) = *Ephedra trifurca* Torrey ex S. Watson
nevadensis S. Watson var. *aspera* (Engelm ex S. Watson) L. Benson = *Ephedra aspera* Engelm ex S. Watson

torreyana Torrey ex S. Watson var. **torreyana** [M&H; Stevenson 1993; W&S]
 Torrey's ephedra

trifurca Torrey ex S. Watson [M&H; Stevenson 1993; W&S]
 longleaf ephedra
Ephedra × *intermixta* Cutler

viridis Coville [M&H; Stevenson 1993; W&S]
 green ephedra

viridis Coville var. *viscida* (Cutler) L. Benson = *Ephedra cutleri* Peebles

Family JUNIPERACEAE = CUPRESSACEAE

Family PINACEAE

Abies fir
 Hunt, R.S. 1993. *Abies*, pp. 354-362. IN: Flora of North America, vol. 2. Oxford Univ. Press.

arizonica Merriam [Hunt 1993; M&H; W&S]
 cork-bark fir
Abies bifolia A. Murray var. *arizonica* (Merriam) O'Kane & K.D.Heil
Abies lasiocarpa (Hooker) Nuttall var. *arizonica* (Merriam) Lemmon
bifolia A. Murray bis sensu stricto : Name applied to northern populations of subalpine fir; in the narrow sense apparently not known from NM [Hunt 1993]

concolor (Gordon & Glendinning) Lindley ex Hildebrand [Hunt 1993; M&H; W&S]
 white fir
lasiocarpa (Hooker) Nuttall var. *arizonica* (Merriam) Lemmon = *Abies arizonica* Merriam
lasiocarpa (Hooker) Nuttall s.s. : Hunt (1993) restricts this taxon to the Pacific Northwest; trees previously referred to *Abies lasiocarpa* belong to *Abies bifolia* A. Murray bis (northern Rockies) and to *Abies arizonica* Merriam (southern Rockies and NM).

Apinus flexilis (James) Rydberg = *Pinus flexilis* James
Caryopitys edulis (Engelmann) Small = *Pinus edulis* Engelmann

Picea spruce
 Taylor, R.J. 1993. *Picea*, pp. 369-373. IN: Flora of North America, vol. 2. Oxford Univ. Press.

engelmannii Parry ex Engelmann var. **engelmannii** [M&H; Taylor 1993; W&S]
 Engelmann's spruce
parryana Sargent = *Picea pungens* Engelmann

pungens Engelmann [M&H; Taylor 1993; W&S]
 Colorado blue spruce
Picea parryana Sargent

Pinus pine
 Bailey, D.K. & F.G. Hawksworth. 1979. Pinyons of the Chihuahuan Desert region. *Phytologia* 44:129-133.
 Farjon, A. & B.T. Styles. 1997. *Pinus* (Pinaceae). Flora Neotropica, Monogr. 75. New York Botanical Garden.
 Kral, R. 1993. *Pinus*, pp. 373-398. IN: Flora of North America, vol. 2. Oxford Univ. Press.
 Landry, P. 1992. A revised synopsis of the pines 4: The chihuahuan pine (*Pinus*, section *Leiophylla*). *Phytologia* 72(5):373-377.
 Little, Elbert L., Jr. 1968. Two new pinyon varieties from Arizona. *Phytologia* 17(4):329-342. [*P. monophylla fallax*]
 Perry, J.P., Jr. 1991. The Pines of Mexico and Central America. Timber Press, Portland, Oregon. 231 pp.

apacheca Lemmon = *Pinus engelmannii* Carrier

aristata Engelmann [Kral 1993; M&H; W&S]
 bristlecone pine
arizonica Engelmann = *Pinus ponderosa* Lawson var. *arizonica* (Engelmann) Shaw
ayacahuite Ehrenberg var. *brachyptera* Shaw = *Pinus strobiformis* Engelmann
brachyptera Engelmann = *Pinus ponderosa* Lawson var. *scopulorum* Engelmann
californiarum D.K. Bailey subsp. *fallax* (Little) D.K. Bailey = *Pinus monophylla* Torrey & Fremont subsp. *fallax* (Little) D.K. Bailey

embroides Zuccarini var. **embroides** [Kral 1993; M&H; W&S]
 Mexican piñon pine

embroides Zuccarini var. **bicolor** Little [Bailey & Hawksworth 1979; Farjon & Styles 1997]
 Mexican piñon pine
Pinus discolor Bailey & Hawksworth
Pinus johannis M.-F. Robert

embroides Zuccarini var. *edulis* (Engelmann) Voss = *Pinus edulis* Engelmann
chihuahuana Engelmann = *Pinus leiophylla* Schiede & Deppe var. *chihuahuana* (Engelmann) Shaw

discolor Bailey & Hawksworth = *Pinus cembroides* Zuccarini var. *bicolor* Little
edulis Engelm [Kral 1993; M&H; W&S]
 piñon pine
Caryopitys edulis (Engelmann) Small
Pinus cembroides Zuccarini var. *edulis* (Engelmann) Voss
Pinus monophylla Torrey & Fremont var. *edulis* (Engelmann) M.E. Jones
edulis Engelm var. *fallax* Little = *Pinus monophylla* Torrey & Fremont subsp. *fallax* (Little) D.K. Bailey
engelmannii Carrier [Kral 1993; M&H]
 Apache pine
Pinus apachea Lemmon
Pinus latifolia Sargent
Pinus macrophylla Engelm
flexilis James [Kral 1993; M&H; W&S]
 limber pine
Apinus flexilis (James) Rydberg
flexilis James var. *reflexa* Engelm = *Pinus strobiformis* Engelm
johannis M.-F. Robert = *Pinus cembroides* Zuccarini var. *bicolor* Little
latifolia Sargent = *Pinus engelmannii* Carrier
leiophylla Schiede & Deppe var. ***chihuahuana*** (Engelmann) Shaw [Kral 1993; M&H; W&S]
 Chihuahua pine
Pinus chihuahuana Engelm
macrophylla Engelm = *Pinus engelmannii* Carrier
monophylla Torrey & Fremont subsp. ***fallax*** (Little) Zavarin [Little 1968] Note: The taxonomic status of these single-needle populations is unclear; this name serves to call attention to this interesting form in the state.
 Arizona single-leaf piñon
Pinus californiarum D.K. Bailey subsp. *fallax* (Little) D.K. Bailey
Pinus edulis Engelm var. *fallax* Little
monophylla Torrey & Fremont var. *edulis* (Engelmann) M.E. Jones = *Pinus edulis* Engelm
ponderosa Lawson var. ***arizonica*** (Engelmann) Shaw [Kral 1993; M&H; W&S]
 Arizona pine
Pinus arizonica Engelm
ponderosa Lawson var. ***scopulorum*** Engelm [Kral 1993; M&H; W&S]
 ponderosa pine
Pinus brachyptera Engelm
Pinus scopulorum (Engelmann) Lemmon
scopulorum (Engelmann) Lemmon = *Pinus ponderosa* Lawson var. *scopulorum* Engelm
strobiformis Engelm [Kral 1993; M&H; W&S]
 southwestern white pine
Pinus flexilis James var. *reflexa* Engelm
Pinus ayacahuite Ehrenberg var. *brachyptera* Shaw
taxifolia (Lamarck) Britton var. *glauca* (Beissner) Sudworth = *Pseudotsuga menziesii* (Mirbel) Franco var. *glauca* (Beissner) Franco
Pseudotsuga Douglas fir
 Lipscomb, B. 1993. *Pseudotsuga*, pp. 365-366. IN: Flora of North America, vol. 2. Oxford Univ. Press.
menziesii (Mirbel) Franco var. ***glauca*** (Beissner) Franco [Lipscomb 1993; M&H; W&S]
 Douglas fir
Pseudotsuga mucronata (Rafinesque) Sudworth
Pinus taxifolia (Lamarck) Britton var. *glauca* (Beissner) Sudworth
Pseudotsuga taxifolia (Lambert) Britton
mucronata (Rafinesque) Sudworth = *Pseudotsuga menziesii* (Mirbel) Franco
taxifolia (Lambert) Britton = *Pseudotsuga menziesii* (Mirbel) Franco

ANGIOSPERMS

Dicotyledonous Plants

Family ACANTHACEAE

Daniel, T.F. 1984. The Acanthaceae of the southwestern United States. *Desert Plants* 5(4):162-179.

Anisacanthus desert-honeysuckle

thurberi (Torrey) Gray [Daniel 1984; M&H; W&S]

Thurber's desert-honeysuckle

Drejera thurberi Torrey

Calophanes decumbens Gray = *Dyschoriste decumbens* (Gray) Kuntze

oblongifolia Torrey = *Dyschoriste decumbens* (Gray) Kuntze

Carlowrightia carlowrightia

linearifolia (Torrey) Gray [Daniel 1984; M&H; W&S]

heath carlowrightia

Schaueria linearifolia Torrey

serpyllifolia Gray : Reported as expected by M&H; awaits verification.

texana Hendrickson & Daniel [Daniel 1984]

Texas carlowrightia

torreyana Wasshausen : Reported by M&H, but not occurring in NM (Daniel 1984).

Diapedium torreyi (Gray) Wooton & Standley = *Dicliptera resupinata* (Vahl) Jussieu

Dicliptera foldwing

resupinata (Vahl) Jussieu [Daniel 1984; M&H; W&S]

Arizona foldwing

Diapedium torreyi (Gray) Wooton & Standley

Dicliptera torreyi Gray

torreyi Gray = *Dicliptera resupinata* (Vahl) Jussieu

Drejera thurberi Torrey = *Anisacanthus thurberi* (Torrey) Gray

Dyschoriste snakeherb

decumbens (Gray) Kuntze [Daniel 1984; M&H]

spreading snakeherb

Calophanes decumbens Gray

Calophanes oblongifolia Torrey

linearis (Torrey & Gray) Kuntze : Reported by M&H, but not occurring in NM fide Daniel (1984).

Elytraria scalystem

imbricata (Vahl) Persoon [Daniel 1984; M&H; W&S]

purple scalystem

Elytraria tridentata Vahl

Tubiflora squamosa (Jacquin) Kuntze

tridentata Vahl = *Elytraria imbricata* (Vahl) Persoon

Gerardia barbata Blake = *Stenandrium barbatum* Torrey & Gray

Justicia water-willow

Daniel, T.F. 1980. The genus *Justicia* in the Chihuahuan Desert. *Cont. Univ. Mich. Herb.* 14:61-67.

wrightii Gray [Daniel 1980, 1984]

Wright's water-willow

Ruellia wild-petunia

metzae Tharp : Reported by M&H, but excluded from the southwestern United States by Daniel (1984).

parryi Gray [Daniel 1984; M&H; W&S]

Parry's wild-petunia

Schaueria linearifolia Torrey = *Carlowrightia linearifolia* (Torrey) Gray

Siphonoglossa tubetongue

pilosella (Nees) Torrey [Daniel 1984]

hairy tubetongue

Stenandrium shaggytuft

Daniel, T.F. 1984. A revision of *Stenandrium* (Acanthaceae) in Mexico and adjacent regions. *Ann. Missouri Bot. Gard.* 71:1028-1043.

barbatum Torrey & Gray [Daniel 1984; M&H; W&S]

early shaggytuft

Gerardia barbata Blake

Tetramerium tetramerium

nervosum Nees [Daniel 1984]

hairy tetramerium

Tubiflora squamosa (Jacquin) Kuntze = *Elytraria imbricata* (Vahl) Persoon

Family ACERACEAE

Acer maple

- Keller, A.C. 1942. *Acer glabrum* and its varieties. Amer. Midl. Nat. 27:491-500.
Murray, E. 1975. North American maples. Kalmia 7:1-20.
Sargent, C.S. 1933. Manual of the trees of North America. Houghton Mifflin Co.
Worthington, R.D. 2000. New plant distribution records. The New Mexico Botanist 15:7. [*Acer grandidentatum* var. *sinuosum*]
brachypterum Wooton & Standley = *Acer grandidentatum* Nuttall var. *sinuosum* (Rehder) Little
glabrum Torrey var. *glabrum* [Keller 1942; M&H; W&S]
Rocky Mountain maple
glabrum Torrey var. *neomexicanum* (Greene) Kearny & Peebles [Keller 1942; M&H; W&S]
Rocky Mountain maple
Acer neomexicanum Greene
grandidentatum Nuttall var. *brachypterum* (Wooton & Standley) Palmer = *Acer grandidentatum* Nuttall var. *sinuosum* (Rehder) Little
grandidentatum Nuttall var. *grandidentatum* [M&H; W&S]
canyon maple
grandidentatum Nuttall var. *sinuosum* (Rehder) Little [M&H; W&S; Worthington 2000]
canyon maple
Acer brachypterum Wooton & Standley
Acer grandidentatum Nuttall var. *brachypterum* (Wooton & Standley) Palmer
Acer sinuosum Rehder
interius Britton = *Acer negundo* Linnaeus var. *interius* (Britton) Sargent
negundo Linnaeus var. *arizonicum* Sargent [Sargent 1933]
Arizona boxelder
negundo Linnaeus var. *interius* (Britton) Sargent [M&H; W&S]
boxelder
Acer interius Britton
Negundo interius (Britton) Rydberg
negundo Linnaeus var. *texanum* Pax [M&H] Note: The distribution of this species (east Texas and eastward) seems to warrant a validation of its occurrence in NM.
Texas boxelder
neomexicanum Greene = *Acer glabrum* Torrey var. *neomexicanum* (Greene) Kearney & Peebles
sinuosum Rehder = *Acer grandidentatum* Nuttall var. *sinuosum* (Rehder) Little
Negundo interius (Britton) Rydberg = *Acer negundo* Linnaeus var. *interius* (Britton) Sargent

Family ADOXACEAE

- Adoxa** muskroot
moschatellina Linnaeus [M&H; W&S]
muskroot

Family AIZOACEAE

- Vivrette, N.J., J.E. Bleck, & W.R. Ferren Jr. 2003. Aizoaceae, pp. 75-91. IN: Flora of North America, vol. 4. Oxford University Press, New York.
Mollugo = see MOLLUGINACEAE
Sesuvium sea-purslane
sessile Robinson = *Sesuvium verrucosum* Rafinesque
verrucosum Rafinesque [M&H]
western sea-purslane
Sesuvium sessile Robinson
Trianthema horse-purslane
portulacastrum Linnaeus [M&H]
desert horse-purslane

Family ALLIONIACEAE = NYCTAGINACEAE

Family ALSINACEAE = CARYOPHYLLACEAE

Family AMARANTHACEAE

- Robertson, K.R. 1981. The genera of Amaranthaceae in the southeastern United States. J. Arnold Arbor. 62(30):267-314.
Robertson, K.R. & S.E. Clemants. 2003. Amaranthaceae, pp. 405-456. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.
Acanthochiton greenstripe
Mosyakin, S.L. & K.R. Robertson. 2003. *Amaranthus*, pp. 410-4435. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.
wrightii Torrey [M&H; Mosyakin & Robertson 2003; W&S]
greenstripe
Amaranthus acanthochiton (Torrey) Sauer
not *Amaranthus wrightii* S. Watson
Achyranthes lanuginosa Nuttall = *Tidestromia lanuginosa* (Nuttall) Standley subsp. *lanuginosa*
repens auct. non Linnaeus = *Alternanthera caracasana* Kunth
Acnida tamariscina (Nuttall) Wood = *Amaranthus tuberculatus* (Moquin) J.D. Saur

Alternanthera khaki-weed

Clemants, S.E. 2003. *Alternanthera*, pp. 447-451. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

caracasana Kunth [Clemants 2003; M&H; W&S]

khaki-weed

Achyranthes repens auct. non Linnaeus

Alternanthera pungens of NM reports

Alternanthera repens of NM reports

pungens of NM reports = *Alternanthera caracasana* Kunth

repens of NM reports = *Alternanthera caracasana* Kunth

suffruticosa Torrey = *Tidestromia suffruticosa* (Torrey) Standley

Amaranthus pigweed, amaranth

Costea, M., A. Sanders, & G. Waines. 2001. Preliminary results toward a revision of the *Amaranthus hybridus* species complex (Amaranthaceae). *Sida* 19(4):931-974.

Henrickson, J. 1999. Studies in New World *Amaranthus* (Amaranthaceae). *Sida* 18(3):783-807.

Mosyakin, S.L. & K.R. Robertson. 2003. *Amaranthus*, pp. 410-4435. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

Pratt, D.B. 2001. *Amaranthus rudis* and *A. tuberculatus* -- one species or two? *J. Torr. Bot. Soc.* 128(3):282-296.

Sauer, J. 1955. Revision of the dioecious amaranths. *Madroño* 13:5-46.

Sauer, J. 1967. The grain amaranths and their relatives: A revised taxonomic and geographic survey. *Ann. Missouri Bot. Gard.* 54:103-137.

Sauer, J. 1972. The dioecious amaranths: A new specific name and major range extensions. *Madroño* 21:426-434.

Standley, P.C. 1917. Amaranthaceae. *North American Flora* 21:107-108.

Tidestrom, I. & T. Kittell. 1941. A Flora of Arizona and New Mexico. The Catholic University of America Press, Washington, D.C. 897 pp. [*Amaranthus caudatus*]

Uline, E.B. & W.L. Bray. 1894. A preliminary synopsis of the North America species of *Amaranthus*. *The Botanical Gazette* 19:267-272, 311-320.

acanthochiton (Torrey) Sauer = *Acanthochiton wrightii* Torrey

albus Linnaeus [M&H; Mosyakin & Robertson 2003; W&S]

tumbleweed pigweed

Amaranthus albus Linnaeus var. *pubescens* (Uline & Bray) Fernald

Amaranthus graecizans of Amer. authors, pro parte

Amaranthus graecizans Linnaeus var. *pubescens* Uline & Bray

Amaranthus pubescens (Uline & Bray) Rydberg

albus Linnaeus var. *pubescens* (Uline & Bray) Fernald = *Amaranthus albus* Linnaeus

arenicola I.M. Johnston [M&H; Mosyakin & Robertson 2003]

sandhill pigweed

bigelovii Uline & Bray = *Amaranthus torreyi* (A. Gray) Bentham ex S. Watson

***blitoides** S. Watson [M&H; Mosyakin & Robertson 2003; W&S]

prostrate pigweed

Amaranthus graecizans of Amer. authors, pro parte

bracteosus Uline & Bray = *Amaranthus powellii* S. Watson

***caudatus** Linnaeus [Tidestrom & Kittell 1941] Note: In view of its sporadic distribution to the west and east of NM, this report may refer to a one-time introduction that has not persisted.

foxtail amaranth, love-lies-bleeding

crassipes Schlechtendal var. **warnockii** (I.M. Johnston) Henrickson [Henrickson 1999; Mosyakin & Robertson 2003; Sivinski et al. 1994]

bony pigweed

***cruentus** Linnaeus [M&H; W&S]

blood amaranth

Amaranthus hybridus Linnaeus var. *paniculatus* (Linnaeus) Uline & Bray

Amaranthus paniculatus Linnaeus

fimbriatus (Torrey) Bentham ex S. Watson [M&H; Mosyakin & Robertson 2003]

fringed pigweed

gracilis Desfontaines = *Amaranthus viridis* Linnaeus

graecizans of Amer. authors = *Amaranthus blitoides* S. Watson and *Amaranthus albus* Linnaeus

graecizans Linnaeus var. *pubescens* Uline & Bray = *Amaranthus albus* Linnaeus

***hybridus** Linnaeus [M&H; Mosyakin & Robertson 2003; W&S]

smooth amaranth

hybridus Linnaeus var. *paniculatus* (Linnaeus) Uline & Bray = *Amaranthus cruentus* Linnaeus

***hypochondriacus** Linnaeus [Mosyakin & Robertson 2003; Standley 1917]

Prince-of-Wales-feather

Amaranthus leucocarpus S. Watson

leucocarpus S. Watson = *Amaranthus hypochondriacus* Linnaeus

obcordatus (Gray) Standley [M&H]

Trans-Pecos amaranth

Amaranthus obovatus sensu W&S

obovatus sensu W&S = *Amaranthus obcordatus* (Gray) Standley

palmeri S. Watson [M&H; Mosyakin & Robertson 2003; W&S]

Palmer's amaranth, pigweed

paniculatus Linnaeus = *Amaranthus cruentus* Linnaeus

powellii S. Watson [M&H; Mosyakin & Robertson 2003; W&S]

green amaranth
Amaranthus bracteosus Uline & Bray
pringlei S. Watson = *Amaranthus torreyi* (A. Gray) Bentham ex S. Watson
pubescens (Uline & Bray) Rydberg = *Amaranthus albus* Linnaeus
**retroflexus* Linnaeus [M&H; Mosyakin & Robertson 2003; W&S]
red-root pigweed
rudis Sauer = *Amaranthus tuberculatus* (Moquin) J.D. Saur
torreyi (A. Gray) Bentham ex S. Watson [M&H; Mosyakin & Robertson 2003; W&S]
Torrey's amaranth
Amaranthus bigelovii Uline & Bray
Amaranthus pringlei S. Watson
**tuberculatus* (Moquin-Tandon) J.D. Saur [M&H; Mosyakin & Robertson 2003]
tall amaranth
Acnida tamariscina of numerous authors, not (Nuttall) Wood
Amaranthus rudis J.D. Saur
viridis Linnaeus [M&H; Mosyakin & Robertson 2003]
slender amaranth
Amaranthus gracilis Desfontaines
viscidulus Greene [Mosyakin & Robertson 2003; W&S]
sticky amaranth
wrightii S. Watson [M&H; Mosyakin & Robertson 2003; W&S]
Wright's amaranth
not *Acanthochiton wrightii* Torrey
Brayulinea densa (Willdenow) Small = *Guilleminea densa* (Willdenow) Moquin-Tandon
Cladanthrix lanuginosa Nuttall = *Tidestromia lanuginosa* (Nuttall) Standley
suffruticosa (Torrey) Bentham & Hooker = *Tidestromia suffruticosa* (Torrey) Standley
Froelichia snakecotton
McCauley, R.A. 2003. *Froelichia*, pp. 443-447. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.
arizonica Thornber ex Standley [M&H; McCauley 2003]
Arizona snakecotton
campestris Small = *Froelichia floridana* (Nuttall) Moquin-Tandon var. *campestris* (Small) Fernald
floridana (Nuttall) Moquin-Tandon var. *campestris* (Small) Fernald [M&H; W&S]
plains snakecotton
Froelichia campestris Small
gracilis (Hooker) Moquin-Tandon [M&H; McCauley 2003; W&S]
slender snakecotton
interrupta (Linnaeus) Moquin-Tandon : Reported by M&H, but McCauley (2003) questions all reports of this from the United States;
warrants verification.
Gomphrena globe-amaranth
Clemants, S.E. 2003. *Gomphrena*, pp. 451-454. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.
caespitosa Torrey [Clemants 2003; M&H; W&S]
tufted globe-amaranth
haageana Klotzsch [Clemants 2003]
Haage's globe-amaranth
nitida Rothrock [Clemants 2003; M&H; W&S]
pearly globe-amaranth
sonorae Torrey [Clemants 2003; M&H]
Sonoran globe-amaranth
viridis Wooton & Standley [Clemants 2003; W&S]
green globe-amaranth
Gossypianthus cotton-flower
Clemants, S.E. 2003. *Gossypianthus*, pp. 438-439. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.
Henrickson, J. 1987. A taxonomic re-evaluation of *Gossypianthus* and *Guilleminea* (Amaranthaceae). Sida 12:307-337.
lanuginosus (Poiret) Moquin-Tandon var. ***lanuginosus*** [Clemants 2003; M&H; W&S]
wooly cotton-flower
Guilleminea lanuginosa (Poiret) Hooker f.
Guilleminea lanuginosa (Poiret) Hooker f. var. *rigidiflorus* (Hooker) Mears
Gossypianthus rigidiflorus Hooker
rigidiflorus Hooker = *Gossypianthus lanuginosus* (Poiret) Moquin-Tandon var. *lanuginosus*
Guilleminea matweed
Clemants, S.E. 2003. *Guilleminea*, pp. 437-438. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.
Henrickson, J. 1987. A taxonomic re-evaluation of *Gossypianthus* and *Guilleminea* (Amaranthaceae). Sida 12:307-337.
densa (Humboldt & Bonpland ex Willdenow) Moquin-Tandon var. ***aggregata*** Uline & Bray [Henrickson 1987; M&H; W&S]
small matweed
densa (Humboldt & Bonpland ex Willdenow) Moquin-Tandon var. *densa* : Reported by M&H, but not occurring in North America
(Henrickson 1987).

Brayulinia densa (Willdenow) Small
Illecebrum densum Willdenow
lanuginosa (Poiret) Hooker f. = *Gossypianthus lanuginosus* (Poiret) Moquin-Tandon var. *lanuginosus*
lanuginosa (Poiret) Hooker f. var. *rigidiflorus* (Hooker) Mears = *Gossypianthus lanuginosus* (Poiret) Moquin-Tandon var. *lanuginosus*
Illecebrum densum Willdenow = *Guilleminea densa* (Willdenow) Moquin-Tandon var. *densa*

Iresine bloodleaf

Clemants, S.E. 2003. *Iresine*, pp. 454-456. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.
Henrickson, J. & S. Sunberg. 1986. On the submersion of *Dicraurus* into *Iresine* (Amaranthaceae). *Aliso* 11:355-364.

heterophylla Standley [Clemants 2003; M&H]
Standley's bloodleaf

Tidestromia honeysweet

Sánchez del Pino, I. & S.E. Clemants. 2003. *Tidestromia*, pp. 439-443. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.
Sánchez del Pino, I. & H. Flores Olvera. 2002. New taxa and a new combination in *Tidestromia* (Amaranthaceae) from North America. *Novon* 12:399-407.
Sanchez del Pino, I. & H. Flores Olvera. 2006. Phylogeny of *Tidestromia* (Amaranthaceae, Gomphrenoideae) based on morphology. *Syst. Bot.* 31(4):689-701.

lanuginosa (Nuttall) Standley subsp. **eliassoniana** Sánchez-del Pino & Flores Olvera [Sánchez del Pino & Flores Olvera 2002]
espanta vaquero, wooly honeysweet

lanuginosa (Nuttall) Standley subsp. **lanuginosa** [M&H; Sánchez del Pino & Flores Olvera 2002; W&S]
espanta vaquero, wooly honeysweet

Achyranthes lanuginosa Nuttall

Cladothrix lanuginosa Nuttall

suffruticosa (Torrey) Standley [M&H; W&S]

shrubby honeysweet

Alternanthera suffruticosa Torrey

Cladothrix suffruticosa (Torrey) Benthams & Hooker

Family **AMBROSIACEAE** = **ASTERACEAE**

Family **AMYGDALACEAE** = **ROSACEAE**

Family **ANACARDIACEAE**

Rhoetidum microphyllum (Engelmann) Greene = *Rhus microphylla* Engelmann

Rhus sumac

Barkley, F.A. 1937. A monographic study of *Rhus* and its immediate allies in North and Central America, including the West Indies. *Ann. Missouri Bot. Gard.* 24(3):265-465.

Barkley, F.A. 1940. *Schmaltzia*. *Amer. Midl. Naturalist* 24:647-665.

Gillis, W.T. 1971. The systematics and ecology of poison-ivy and the poison-oaks (*Toxicodendron*, Anacardiaceae). *Rhodora* 73:72-159, 161-237, 370-443, 465-540.

Turner, B.L. 1996. Synoptical study of *Rhus virens* (Anacardiaceae) and closely related taxa. *Phytologia* 80(5):368-376.

aromatica Aiton var. **pilosissima** (Engelmann) Shinnars = *Rhus trilobata* Nuttall var. *pilosissima* Engelmann

choriophylla Wootton & Standley = *Rhus virens* Lindh. ex Gray var. *choriophylla* (Wootton & Standley) B.L. Turner

cismontana Greene = *Rhus glabra* Linnaeus

copallina Linnaeus var. **lanceolata** Gray = *Rhus lanceolata* (Gray) Britton

glabra Linnaeus [M&H; W&S]

smoth sumac

Rhus cismontana Greene

Rhus glabra Linnaeus var. *cismontana* (Greene) Daniels

Rhus sorbifolia Greene

glabra Linnaeus var. **cismontana** (Greene) Daniels = *Rhus glabra* Linnaeus

lanceolata (Gray) Britton [M&H; W&S]

prairie sumac

Rhus copallina Linnaeus var. *lanceolata* Gray

Schmaltzia lanceolata (Gray) Small

microphylla Engelmann ex Gray [M&H; W&S]

littleleaf sumac

Rhoetidum microphyllum (Engelmann) Greene

radicans Linnaeus s.s. [= *Toxicodendron radicans* Linnaeus] : Not occurring in NM; replaced by *Toxicodendron rydbergii* (Small ex Rydberg) Greene [Gillis 1971]

radicans Linnaeus var. **rydbergii** (Small ex Rydberg) Rehder = *Toxicodendron rydbergii* (Small ex Rydberg) Greene

sorbifolia Greene = *Rhus glabra* Linnaeus

trilobata Nuttall var. **anisophylla** (Greene) Jepson [M&H]

skunkbush sumac

Schmaltzia anisophylla Greene

trilobata Nuttall var. **pilosissima** Engelmann [M&H; W&S]

skunkbush sumac

Rhus aromatica Aiton var. *pilosissima* (Engelmann) Shinnars

Schmaltzia emoryi Greene

Schmaltzia pulchella Greene

trilobata Nuttall var. **racemulosa** (Greene) Barkley [M&H]

- skunkbush sumac
Schmaltzia racemulosa Greene
- trilobata** Nuttall var. **quinata** (Greene) Jepson [Barkley 1937]
 skunkbush sumac
- trilobata** Nuttall var. **simplicifolia** (Greene) Barkley [M&H; W&S]
 skunkbush sumac
Schmaltzia affinis Greene
Schmaltzia simplicifolia Greene
- trilobata** Nuttall var. **trilobata** [M&H; W&S]
 skunkbush sumac
Schmaltzia bakeri Greene
Schmaltzia cognata Greene
Schmaltzia leiocarpa Greene
Schmaltzia quercifolia Greene
Schmaltzia trilobata (Nuttall) Small
- virens** Lindheimer ex Gray var. **choriophylla** (Wooton & Standley) L. Benson [M&H; Turner 1996; W&S]
 Wooton's sumac
Rhus choriophylla Wooton & Standley
Rhus virens Lindheimer ex Gray subsp. *choriophylla* (Wooton & Standley) Young
Rhus virens Lindheimer ex Gray var. *choriophylla* (Wooton & Standley) B.L. Turner
Schmaltzia choriophylla (Wooton & Standley) Barkley
- virens* Lindheimer ex Gray var. *choriophylla* (Wooton & Standley) B.L. Turner = *Rhus virens* Lindheimer ex Gray var. *choriophylla* (Wooton & Standley) L. Benson
- virens* Lindheimer ex Gray subsp. *choriophylla* (Wooton & Standley) Young = *Rhus virens* Lindheimer ex Gray var. *choriophylla* (Wooton & Standley) L. Benson
- virens** Lindheimer ex Gray var. **virens** [Turner 1996]
 evergreen sumac
Schmaltzia choriophylla (Wooton & Standley) Barkley
- Schmaltzia affinis* Greene = *Rhus trilobata* Nuttall var. *simplicifolia* (Greene) Barkley
anisophylla Greene = *Rhus trilobata* Nuttall var. *anisophylla* (Greene) Jepson
bakeri Greene = *Rhus trilobata* Nuttall var. *trilobata*
choriophylla (Wooton & Standley) Barkley = *Rhus virens* Lindheimer ex Gray var. *choriophylla* (Wooton & Standley) L. Benson
cognata Greene = *Rhus trilobata* Nuttall var. *trilobata*
emoryi Greene = *Rhus trilobata* Nuttall var. *pilosissima* Engler
lanceolata (Gray) Small = *Rhus lanceolata* (Gray) Britton
leiocarpa Greene = *Rhus trilobata* Nuttall var. *trilobata*
pulchella Greene = *Rhus trilobata* Nuttall var. *pilosissima* (Engelmann) Shinnars
quercifolia Greene = *Rhus trilobata* Nuttall var. *trilobata*
racemulosa Greene = *Rhus trilobata* Nuttall var. *racemulosa* (Greene) Barkley
simplicifolia Greene = *Rhus trilobata* Nuttall var. *simplicifolia* (Greene) Barkley
trilobata (Nuttall) Small = *Rhus trilobata* Nuttall var. *trilobata*
- Toxicodendron** poison ivy
 Gillis, W.T. 1960. Taxonomic problems in poison ivy. Proc. Michigan Acad. Sci. 45:27-34.
 Gillis, W.T. 1971. The systematics and ecology of poison-ivy and the poison-oaks (*Toxicodendron*, Anacardiaceae). Rhodora 73:72-159, 161-237, 370-443, 465-540.
- rydbergii** (Small ex Rydberg) Greene [Gillis 1971; M&H; W&S] Note: Replaces *Toxicodendron radicans* (Linnaeus) Kuntze s.s. (*Rhus radicans* Linnaeus) in NM
 poison ivy
Rhus radicans Linnaeus var. *rydbergii* (Small ex Rydberg) Rehder
Rhus rydbergii Small ex Rydberg

Family APIACEAE (UMBELLIFERAE)

- Constance, L. 1993. Apiaceae, p. 136-166. IN: Hickmann, J.C. (ed.). The Jepson Manual. Berkeley: University of California Press.
- Cronquist, A. 1997. Apiaceae, p. 340-427. IN: Intermountain Flora, Vol. 3A (Rosidae, except Fabales). New York Botanical Garden. 446 pp.
- Mathias, M.E. and L. Constance. 1944-45. Umbelliferae. North American Flora 28B (1,2):43-295.
- Aletes** Indian-parsley
 Sivinski, R. & K. Lightfoot, eds. 1994. Inventory of rare and endangered plants of New Mexico. New Mexico Forestry and Resources Conservation Division, Misc. Publ. No. 3. [*Aletes macdougallii* subsp. *breviradiatus*]
- Theobald, W.L., C.C. Tseng, & M.E. Mathias. 1963. A revision of *Aletes* and *Neoparrya* (Umbelliferae). Brittonia 16:296-315.
- acaulis** (Torrey) Coulter & Rose [M&H; W&S]
 Indian-parsley
- filifolius** Matthias, Constance, & Theobald [M&H]
 trans-Pecos Indian-parsley
macdougallii Coulter & Rose = *Cymopterus macdougallii* (Coulter & Rose) Tidestrom
macdougallii Coulter & Rose subsp. *breviradiatus* Theobald & Tseng = *Cymopterus breviradiatus* (W.L. Theobald & Tseng) R.L. Hartman
sessiliflorus Theobald & Tseng = *Cymopterus sessiliflorus* (Theobald & Tseng) R.L. Hartman
- Ammoselinum** sand-parsley
popei Torrey & Gray [M&H]

- plains sand-parsley
- Angelica** angelica
- ampla** A. Nelson [M&H]
giant angelica
- grayi** (Coulter & Rose) Coulter & Rose [M&H]
Gray's angelica
- leporina** S. Watson = *Angelica leporina* S. Watson
- pinnata** S. Watson [M&H; W&S]
small-leaf angelica
Angelica leporina S. Watson
- Apium** celery
- *graveolens** Linnaeus [M&H; W&S]
celery
- leptophyllum** (Persoon) F. Mueller ex Bentham = *Cyclospermum leptophyllum* (Persoon) Sprague ex Britton & Wilson
- Archemora fendleri** Gray = *Oxypholis fendleri* (Gray) Heller
- Aulospermum purpureum** (S. Watson) Coulter & Rose = *Cymopterus purpureus* S. Watson
- Berula** water-parsnip
- erecta** (Hudson) Coville [M&H; W&S]
water-parsnip
- Bowlesia** bowlesia
- Allred, K.W. 1999. New plant distribution records. *The New Mexico Botanist* 13:7. [*Bowlesia incana*]
Mathias, M.E. & L. Constance. 1965. A revision of the genus *Bowlesia* Ruiz & Pav. (Umbelliferae-Hydrocotyloideae) and its relatives. *Univ. Calif. Publ. Bot.* 38:1-73.
- incana** Ruiz & Pavon [Allred 1999]
hoary bowlesia
- Bupleurum** thorough-wax
- Allred, K.W. 1999. New plant distribution records. *The New Mexico Botanist* 10:7. [*Bupleurum americanum*]
americanum Coulter & Rose [Allred 1999]
American thorough-wax
- Carum** caraway
- Peterson, R.S. 2000. New plant distribution records. *The New Mexico Botanist* 15:7. [*Carum carvi*]
carvi Linnaeus [Peterson 2000]
caraway
- gairdneri** (Hooker & Arnott) Gray [= *Perideridia gairdneri* (Hooker & Arnott) Mathias] : Reported by W&S, but not occurring in NM
[Chuang & Constance 1969]
- Caucalis microcarpa** Hooker & Arnott = *Yabea microcarpa* (Hooker & Arnott) Koso-Poljansky
- Cicuta** water-hemlock
- Mulligan, G.A. 1980. The genus *Cicuta* in North America. *Canad. J. Bot.* 58:1755-1767.
douglasii of NM authors = *Cicuta maculata* Linnaeus
- maculata** Linnaeus var. **angustifolia** Hooker [M&H; Mulligan 1980; W&S]
spotted water-hemlock
Cicuta douglasii of NM authors
Cicuta occidentalis Greene
- maculata** Linnaeus var. **bolanderi** (S. Watson) G.A. Mulligan [Mulligan 1980]
spotted water-hemlock
Cicuta douglasii of NM authors
occidentalis Greene = *Cicuta maculata* Linnaeus var. *angustifolia* Hooker
- Cogswellia nevadensis** (S. Watson) M.E. Jones = *Lomatium nevadense* (S. Watson) Coulter & Rose var. *nevadense*
orientalis (Coulter & Rose) M.E. Jones = *Lomatium orientale* Coulter & Rose
- Conioselinum** hemlock-parsley
- scopulorum** (Gray) Coulter & Rose [M&H; W&S]
Rocky Mountain hemlock-parsley
Ligusticum scopulorum Gray
- Conium** poison hemlock
- Hershey, A.L. & P.J. Leyendecker, Jr. 1944. Notes on plants of New Mexico—III. Leaflets of Western Botany 4(2):21-25. [*Conium maculatum*]
***maculatum** Linnaeus [Hershey & Leyendecker 1944; M&H]
poison hemlock
- Coriandrum** parsley
- *sativum** Linnaeus [M&H; W&S]
Chinese parsley
- Cyclospermum**
- Allred, K.W. 1999. New plant distribution records. *The New Mexico Botanist* 13:7. [*Cyclosperma leptophyllum*]
Allred, K.W. 2000. New plant distribution records. *The New Mexico Botanist* 15:7. [*Cyclospermum leptophyllum*]
***leptophyllum** (Persoon) Sprague ex Britton & Wilson [Allred 1999, 2000]
marsh parsley
Apium leptophyllum (Persoon) F. Mueller ex Bentham

Cymopterus spring-parsley

- Hartman, R.L. 2000. A new species of *Cymopterus* (Apiaceae) from the Rocky Mountain region, U.S.A. *Brittonia* 52(2):136-141. [*Cymopterus constancei*]
Hartman, R.L. 2006. New combinations in the genus *Cymopterus* (Apiaceae) of the southwestern United States. *Sida* 22(2):955-957.
Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. *The New Mexico Botanist* 24:1-4.
[*Cymopterus petraeus*, as *Pteryxia petraea*]
Peterson, R.S. 2000. New plant distribution records. *The New Mexico Botanist* 15:7. [*Cymopterus purpurascens*]
acaulis (Pursh) Rafinesque var. *fendleri* (Gray) Goodrich = *Cymopterus glomeratus* (Nuttall) A.P. de Candolle var. *fendleri* (Gray) R.L. Hartman
alpinus Gray [M&H]
alpine parsley
Oreoxis alpina (Gray) Coulter & Rose
bakeri (Coulter & Rose) M.E. Jones [M&H; W&S]
Baker's alpine parsley
Oreoxis bakeri Coulter & Rose
breviradiatus (Theobald & Tseng) R.L. Hartman [Sivinski & Lightfoot 1994]
Macdougall's spring-parsley
Cymopterus macdougalii (Coulter & Rose) Tidestrom subsp. *breviradiatus* Theobald & Tseng
bulbosus A. Nelson [M&H; W&S]
bulbous spring-parsely
Phellopterus bulbosus (A. Nelson) Coulter & Rose
Phellopterus utahensis (M.E. Jones) Wooton & Standley
constancei R.L. Hartman [Hartman 2000]
Lincoln's spring-parsley
 davidsonii (Coulter & Rose) R.L. Hartman [M&H]
Davidson's spring-parsley
Pseudocymopterus davidsonii (Coulter & Rose) Matthias
Pteryxia davidsonii (Coulter & Rose) Matthias & Constance
fendleri Gray = *Cymopterus glomeratus* (Nuttall) A.P. de Candolle var. *fendleri* (Gray) R.L. Hartman
glomeratus (Nuttall) A.P. de Candolle var. **fendleri** (Gray) R.L. Hartman [M&H; W&S]
plains spring-parsley
Cymopterus fendleri Gray
hendersonii (Coulter & Rose) Cronquist [Mathias & Constance 1945]
Henderson's spring-parsley
Pteryxia hendersonii (Coulter & Rose) Mathias & Constance
lemmonii (Coulter & Rose) Dorn [M&H; W&S]
alpine mountain-parsley
Pseudocymopterus filicinus Wooton & Standley
Pseudocymopterus montanus (Gray) Coulter & Rose
Pseudocymopterus multifidus Rydberg
Pseudocymopterus purpureus (Coulter & Rose) Rydberg
Pseudocymopterus tenuifolius (Gray) Rydberg
Thaspium montanum Gray
longiradiatus (Matthias, Constance, & Theobald) B.L. Turner [M&H]
mountain-parsley
Pseudocymopterus longiradiatus Matthias, Constance, & Theobald
macdougalii (Coulter & Rose) Tidestrom s.s. : Reported by M&H; our plants are referred to *Cymopterus breviradiatus* (Theobald & Tseng) R.L. Hartman
Aletes macdougalii Coulter & Rose
Oreoxis macdougalii (Coulter & Rose) Rydberg
macdougalii (Coulter & Rose) Tidestrom subsp. *breviradiatus* Theobald & Tseng = *Cymopterus breviradiatus* (Theobald & Tseng) R.L. Hartman
macrorrhizus Buckley [M&H; W&S]
big-root spring-parsley
Phellopterus macrorrhizus (Buckley) Coulter & Rose
montanus Nuttall ex Torrey & Gray [M&H]
mountain spring-parsley
Phellopterus montanus Nuttall ex Torrey & Gray, pro syn.
multinervatus (Coulter & Rose) Tidestrom [M&H; W&S]
purple-nerve spring-parsley
Phellopterus multinervatus Coulter & Rose
newberryi (S. Watson) M.E. Jones : Reported as expected by M&H; awaits verification.
petraeus M.E. Jones [Heil et al. 2002]
rock-living spring-parsley
Cymopterus terebinthinus (Hooker) Torrey & Gray var. *petraeus* (M.E. Jones) Goodrich
Pteryxia petraea (M.E. Jones) Coulter & Rose
purpurascens (Gray) Jones [Peterson 2000]
wafer spring-parsley

purpureus S. Watson [M&H; W&S]
purple spring-parsley
Aulospermum purpureum (S. Watson) Coulter & Rose

sessiliflorus (Theobald & Tseng) R.L. Hartman [M&H]
sessile spring-parsley
Aletes sessiliflorus Theobald & Tseng
terebinthinus (Hooker) Torrey & Gray var. *petraeus* (M.E. Jones) Goodrich = *Cymopterus petraeus* M.E. Jones
Cynomarathrum nuttallii (Gray) Coulter & Rose = *Lomatium nuttallii* (Gray) Macbride

Daucosma parosol
Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 11:8. [*Daucosma laciniata*]
laciniata Engelmann & A. Gray [Allred 1999]
meadow-parosol

Daucus carrot
***carota** Linnaeus [M&H]
Queen Anne's lace
divaricatus Walter = *Spermolepis divaricata* (T. Walter) Rafinesque ex Seringe
pusillus Michaux [M&H; W&S]
southwestern wild carrot

Eryngium eryngo
Todsén, T.K. 1973. Comments on New Mexico flora. Sida 5(2):135. [*Eryngium lemmonii*]
heterophyllum Engelmann [M&H; W&S]
Mexican thistle, Wright's eryngo
Eryngium wrightii Gray
lemmonii Coulter & Rose [M&H; Todsén 1973]
Chihuahua mountain eryngo
longifolium Gray = *Eryngium sparganophyllum* Hemsley
sparganophyllum Hemsley [M&H; W&S]
Arizona eryngo
Eryngium longifolium Gray
wrightii Gray = *Eryngium heterophyllum* Engelmann

Eurytaenia spreading
Martin, W.C. 1982. WIPP Project-Floristic Study. IN: Westinghouse Electric Corporation Ecosystem Studies at the Los Medanos Site, Eddy County, New Mexico. Albuquerque, Sandia Laboratory. [*Eurytaenia texana*]
texana Torrey & Gray [Martin 1982]
Texas spreadingwing

Foeniculum fennel
foeniculum (Linnaeus) Karsten = *Foeniculum vulgare* Miller
***vulgare** Miller [M&H; W&S]
sweet fennel
Foeniculum foeniculum (Linnaeus) Karsten

Harbouria whisk-broom
trachypleura (Gray) Coulter & Rose [M&H]
whisk-broom

Heracleum cow-parsnip
Kartesz, J.T. & K.N. Gandhi. 1994. Nomenclatural notes for the North American flora. XIII. Phytologia 76(6):441-457.
lanatum Michaux = *Heracleum maximum* Bartr.
maximum Bartram [M&H; W&S]
cow-parsnip
Heracleum lanatum Michaux

Hydrocotyle pennywort
ranunculoides Linnaeus f. : Reported as expected by M&H map; awaits verification.
umbellata Linnaeus : Reported as expected by M&H map; awaits verification.
verticillata Thunberg var **verticillata** [M&H]
marsh pennywort
Leptocaulis echinatus Nuttall = *Spermolepis echinata* (Nuttall ex A.P. de Candoll) Heller

Levisticum lovage
***officinale** Koch [M&H]
garden lovage
Ligusticella eastwoodiae Coulter & Rose = *Podistera eastwoodiae* (Coulter & Rose) Matthias & Constance

Ligusticum wild-lovage
eastwoodiae Rose = *Podistera eastwoodiae* (Coulter & Rose) Matthias & Constance
porteri Coulter & Rose [M&H; W&S]
osha
scopulorum Gray = *Conioselinum scopulorum* (Gray) Coulter & Rose

Lomatium desert-parsley
Mathias, M.E. & L. Constance. 1945. Umbelliferae (pars.). North American Flora 28B.

Spellenberg, R., M. Mahrt & R. Brozka. 1991. Noteworthy collections, New Mexico. Madroño 38:298-301. [*Lomatium foeniculaceum*]
foeniculaceum (Nuttall) Coulter & Rose subsp. **macdougalii** (Coulter & Rose) Theobald [Spellenberg et al. 1991]
 carrot-leaf desert-parsley
nevadense (S. Watson) Coulter & Rose var. **nevadense** [Mathias & Constance 1945]
 Nevada desert-parsley
Cogswellia nevadensis (S. Watson) M.E. Jones
Peucedanum nevadense S. Watson
 grayii (Coulter & Rose) Coulter & Rose : Reported as rare in NM by Kartesz (1999), based on New Mexico Natural Heritage Program;
 needs verification.
nevadense (S. Watson) Coulter & Rose var. **parishii** (Coulter & Rose) Jepson [M&H]
 Parish's desert-parsley
nutallii (Gray) Macbride [M&H; W&S]
 Nuttall's desert-parsley
Cynomarathrum nutallii (Gray) Coulter & Rose
orientale Coulter & Rose [M&H; W&S]
 eastern desert-parsley
Cogswellia orientalis (Coulter & Rose) M.E. Jones
 Musineon divaricatum (Pursh) Rafinesque var. divaricatum : Reported by McGregor (1986), but the distribution of this species is to the north;
 needs verification.
Neoparrya false Indian-parsley
 Hartman, R.L., B. Reif, B.E. Nelson, & B. Jacobs. 2006. New vascular plant records for New Mexico. Sida 22(2):1225-1233.
lithophila Mathias [Harman et al. 2006]
 false Indian-parsley
Oreoxis alpina (Gray) Coulter & Rose = *Cymopterus alpinus* Gray
bakeri Coulter & Rose = *Cymopterus bakeri* (Coulter & Rose) M.E. Jones
humilis Rafinesque : Reported by W&S, but apparently endemic to Colorado (Kartesz 1999).
macdougalii (Coulter & Rose) Rydberg = *Cymopterus macdougalii* (Coulter & Rose) Rydberg
Osmorhiza sweet-cicely
 Lowry, P.R. II and A.G. Jones. 1984. Systematics of *Osmorhiza* Rafinesque (Apiaceae: Apioideae). Ann. Missouri Bot. Gard. 71:1128-1171.
 Peterson, R.S. 2000. New plant distribution records. The New Mexico Botanist 15:7. [*Osmorhiza longistylis*]
 berteroi DC : Kartesz's (1999) report of this species for NM seems to be in error, being based on Allred et al. (1986), a checklist of grasses.
chilensis Hooker & Arnott [Lowry & Jones 1984; M&H]
 mountain sweet-cicely
Osmorhiza nuda Torrey
Washingtonia divaricata Britton
depauperata Philippi [Lowry & Jones 1984]
 lesser sweet-cicely
Osmorhiza obtusa (Coulter & Rose) Fernald
Washingtonia obtusa Coulter & Rose
longistylis (Torrey) Britton [M&H; Peterson 2000; W&S]
 anise-root
nuda Torrey = *Osmorhiza chilensis* Hooker & Arnott
obtusa (Coulter & Rose) Fernald = *Osmorhiza depauperata* Philippi
Oxyopolis cowbane
fendleri (Gray) Heller [M&H; W&S]
 Fendler's cowbane
Archemora fendleri Gray
Pastinaca parsnip
 ***sativa** Linnaeus [M&H; W&S]
 wild parsnip
Perideridia yampa
 Chuang, T.I. and L. Constance. 1969. A systematic study of *Perideridia* (Umbelliferae-Apioideae). Univ. Calif. Publ. Bot. 55:1-74.
 gairdneri (Hooker & Arnott) Mathias : Reported by M&H and W&S, but not occurring in NM fide Chuang & Constance (1969).
Carum gairdneri (Hooker & Arnott) Gray
parishii (Coulter & Rose) Nelson & Macbride subsp. **parishii** [Chuang & Constance 1969]
 Parish's yampa
Phellopterus bulbosus (A. Nelson) Coulter & Rose = *Cymopterus bulbosus* A. Nelson
macrorrhizus (Buckley) Coulter & Rose = *Cymopterus macrorrhizus* Buckley
montanus Nuttall = *Cymopterus montanus* Nuttall ex Torrey & Gray
multinervatus Coulter & Rose = *Cymopterus multinervatus* (Coulter & Rose) Tidestrom
utahensis (M.E. Jones) Wootton & Standley = *Cymopterus bulbosus* A. Nelson
Podistera wood-root
 Sivinski, R. & K. Lightfoot, eds. 1995. Inventory of rare and endangered plants of New Mexico. New Mexico Forestry and Resources Conservation Division,
 Misc. Publ. No. 4.
eastwoodiae (Coulter & Rose) Mathias & Constance [M&H; Sivinski & Lightfoot 1995]
 wood-root
Ligusticella eastwoodiae Coulter & Rose

- Ligusticum eastwoodiae* Rose
 Polytaenia nuttallii A.P. de Candolle : Reported by Gleason & Cronquist (1991), but this seem unlikely in view of its distribution; needs verification.
- Pseudocymopterus davidsonii* (Coulter & Rose) Matthias = *Cymopterus davidsonii* (Coulter & Rose) R.L. Hartman
filicinus Wootton & Standley = *Cymopterus lemmonii* (Coulter & Rose) Dorn
longiradiatus Matthias, Constance, & Theobald = *Cymopterus longiradiatus* (Matthias, Constance, & Theobald) R.L. Hartman
montanus (Gray) Coulter & Rose = *Cymopterus lemmonii* (Coulter & Rose) Dorn
multifidus Rydberg = *Cymopterus lemmonii* (Coulter & Rose) Dorn
purpureus (Coulter & Rose) Rydberg = *Cymopterus lemmonii* (Coulter & Rose) Dorn
tenuifolius (Gray) Rydberg = *Cymopterus lemmonii* (Coulter & Rose) Dorn
- Pteryxia davidsonii* (Coulter & Rose) Matthias & Constance = *Cymopterus davidsonii* (Coulter & Rose) R.L. Hartman
hendersonii (Coulter & Rose) Mathias & Constance = *Cymopterus hendersonii* (Coulter & Rose) Cronquist
petraea (M.E. Jones) Coulter & Rose = *Cymopterus petraeus* M.E. Jones
- Sanicula** snakeroot
canadensis Linnaeus : Reported as expected by M&H; awaits verification.
marilandica Linnaeus [M&H; W&S]
 black snakeroot
- Sium cicutifolium* Schrank = *Sium suave* T. Walter
suave T. Walter : Reported as expected by M&H map; awaits verification.
Sium cicutifolium Schrank
- Spermolepis** scaleseed
 Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Spermolepis inermis*]
divaricata (T. Walter) Rafinesque ex Seringe [M&H; W&S]
 spreading scaleseed
Daucus divaricatus Walter
echinata (Nuttall ex A.P. de Candolle) Heller [M&H; W&S]
 bristly scaleseed
Leptocaulis echinatus Nuttall
inermis (Nuttall ex A.P. de Candolle) Matthias & Constance [Allred 1999]
 Red River scaleseed
- Thaspium montanum* Gray = *Cymopterus lemmonii* (Coulter & Rose) Dorn
- Torilis** hedge-parsley
 Bleakly, D. 2005. Plant distribution reports (*Torilis arvensis*). The New Mexico Botanist 33:7
 **arvensis* (Hudson) Link [Bleakly 2005]
 spreading hedge-parsley
- Washingtonia divaricata* Britton = *Osmorhiza chilensis* Hooker & Arnott
longistylis (Torrey) Britton in Britton & Brown [= *Osmorhiza longistylis* (Torrey) Britton] : Reported by W&S, but not occurring in NM
 [Lowrey & Jones 1984]
obtusata Coulter & Rose = *Osmorhiza depauperata* Philippi
- Yabea** false carrot
 Wagner, W.L. 1979. New records to the Animas Mountain flora, New Mexico. Southw. Naturalist 24(2):291-296. [*Yabea microcarpa*]
microcarpa (Hooker & Arnott) Koso-Poljansky [M&H; Wagner 1979]
 false carrot
Caucalis microcarpa Hooker & Arnott

Family APOCYNACEAE

McLaughlin, S.P. 1994. Apocynaceae. J. Ariz.-Nev. Acad. Sci. 27(2):164-168.

- Amsonia** bluestar
 Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Amsonia tharpii*]
 McLaughlin, S.P. 1982. A revision of the southwestern species of *Amsonia* (Apocynaceae). Ann. Missouri Bot. Gard. 69:336-350.
 McLaughlin, S.P. 1985. A new species of *Amsonia* (Apocynaceae) from central New Mexico. Southw. Naturalist 30:563-565. [*Amsonia fugatei*]
 Sivinski, R., T. Lowrey, & R. Peterson. 1994. Additions to the native and adventive flora of New Mexico. Phytologia 76(6):473-479. [*Amsonia jonesii*]
arenaria Standley = *Amsonia tomentosa* Torrey & Fremont var. *stenophylla* Kearney & Peebles
brevifolia of NM reports = *Amsonia tomentosa* Torrey & Fremont var. *stenophylla* Kearney & Peebles; the true *Amsonia brevifolia* Gray occurs in southern CA, southern NV, and northwestern AZ (McLaughlin 1982).
 +*fugatei* S.P. McLaughlin [McLaughlin 1985]
 San Antonio bluestar
hirtella Standley = *Amsonia palmeri* Gray
jonesii Woodson [Sivinski et al. 1994]
 Jones's bluestar
longiflora Torrey var. *longiflora* [M&H; McLaughlin 1982; W&S]
 trumpet bluestar
longiflora Torrey var. *salpignatha* (Woodson) McLaughlin [McLaughlin 1982]
 trumpet bluestar
palmeri Gray [M&H; McLaughlin 1982; W&S]
 Palmer's bluestar
Amsonia hirtella Standley

Amsonia standleyi Woodson
standleyi Woodson = *Amsonia palmeri* Gray
tharpii Woodson [Allred 1999]
 Tharp's bluestar
tomentosa Torrey & Fremont var. **stenophylla** Kearney & Peebles [M&H; McLaughlin 1982; W&S]
 wooly bluestar
Amsonia arenaria Standley
Amsonia brevifolia of NM reports
Apocynum dogbane
ambigens Greene = *Apocynum androsaemifolium* Linnaeus var. *glabrum* Macoun
androsaemifolium Linnaeus var. **androsaemifolium** [M&H; W&S]
 spreading dogbane
Apocynum scopulorum Greene
androsaemifolium Linnaeus var. **glabrum** Macoun [M&H; W&S]
 spreading dogbane
Apocynum ambigens Greene
angustifolium Wooton = *Apocynum cannabinum* Linnaeus
cannabinum Linnaeus [M&H; W&S]
 Indian-hemp
Apocynum angustifolium Wooton
Apocynum cannabinum Linnaeus var. *angustifolium* (Wooton) N. Holmgren
Apocynum cannabinum Linnaeus var. *glaberrimum* A.A.P. de Candolle
Apocynum hypericifolium Aiton
Apocynum laurinum Greene
Apocynum sibericum Jacquin var. *salignum* (Greene) Fernald
Apocynum suksdorfii Greene var. *angustifolium* (Wooton) Woodson
Apocynum suksdorfii Greene var. *suksdorfii*
Apocynum viride Wooton & Standley
cannabinum Linnaeus var. *angustifolium* (Wooton) N. Holmgren *Apocynum cannabinum* Linnaeus
cannabinum Linnaeus var. *glaberrimum* A.A.P. de Candolle = *Apocynum cannabinum* Linnaeus
cannabinum Linnaeus var. *lividum* (Greene) A. Nelson = *Apocynum medium* Greene var. *lividum* (Greene) Woodson
floribundum Greene = *Apocynum medium* Greene var. *floribundum* (Greene) Woodson
hypericifolium Aiton = *Apocynum cannabinum* Linnaeus
laurinum Greene = *Apocynum cannabinum* Linnaeus
lividum Greene = *Apocynum medium* Greene var. *lividum* (Greene) Woodson
medium Greene var. **floribundum** (Greene) Woodson [M&H]
 intermediate dogbane
Apocynum floribundum Greene
medium Greene var. **lividum** (Greene) Woodson [M&H; W&S]
 intermediate dogbane
Apocynum cannabinum Linnaeus var. *lividum* (Greene) A. Nelson
Apocynum lividum Greene
scopulorum Greene = *Apocynum androsaemifolium* Linnaeus var. *androsaemifolium*
sibericum Jacquin var. *salignum* (Greene) Fernald = *Apocynum cannabinum* Linnaeus
suksdorfii Greene var. *angustifolium* (Wooton) Woodson = *Apocynum cannabinum* Linnaeus
suksdorfii Greene var. *suksdorfii* = *Apocynum cannabinum* Linnaeus
viride Wooton & Standley = *Apocynum cannabinum* Linnaeus var. *cannabinum*
Haplophyton cockroach plant
crooksii (L. Benson) L. Benson [M&H]
 cockroach plant
Macrosiphonia brachysiphon (Torrey) Gray = *Telosiphonia brachysiphon* (Torrey) Henrickson
Telosiphonia rock-trumpets
 Henrickson, J. 1996. Studies in *Macrosiphonia* (Apocynaceae): Generic recognition of *Telosiphonia*. *Aliso* 14(3):179-195.
brachysiphon (Torrey) Henrickson [Henrickson 1996; M&H]
 rock-trumpets
Macrosiphonia brachysiphon (Torrey) Gray
Vinca periwinkle
 Johnson, S. 2001. New plant distribution records. *The New Mexico Botanist* 19:3. [*Vinca major*]
 ***major** Linnaeus [Johnson 2001]
 periwinkle

Family ARALIACEAE

[Hederaceae]

Aralia spikenard

Wen, J., S. Shi, R.K. Jansen, & E.A. Zimmer. 1998. Phylogeny and biogeography of *Aralia* sect. *Aralia* (Araliaceae). *Amer. J. Bot.* 85(6):866-875.
bicrenata Wooton & Standley = *Aralia racemosa* Linnaeus subsp. *bicrenata* (Wooton & Standley) Welsh & Atwood
humilis Cavanilles : Reported questionably by Kartesz (1999); awaits verification.

racemosa Linnaeus subsp. *bicrenata* (Wooton & Standley) Welsh & Atwood [M&H; W&S]
American spikenard
Aralia bicrenata Wooton & Standley

Family ARISTOLOCHACEAE

Aristolochia dutchman's-pipe
Barringer, K. 1997. *Aristolochia*, pp. 45-50. IN: Flora of North America, vol. 3. Oxford University Press.
watsonii Wooton & Standley [Barringer 1997; M&H; W&S]
Indian-root
wrightii Seemann [Barringer 1997; Spellenberg et al. 1986]
Wright's dutchman's-pipe

Family ASCLEPIADACEAE

Note: Some workers are now treating Asclepiadaceae within Apocynaceae.
Liede, S. 1997. Subtribes and genera of the tribe Asclepieadeae (Apocynaceae, Asclepiadoideae) - a synopsis. Taxon 46:233-248.
Sundell, E. 1994. Asclepiadaceae. J. Ariz.-Nev. Acad. Sci. 27(2):169-187.
Acerates auriculata Engelm. = *Asclepias engelmanniana* Woodson
ivesii (Britton) Wooton & Standley = *Asclepias viridiflora* Rafinesque
rusbyi Vail = *Asclepias rusbyi* (Vail) Woodson
viridiflora (Rafinesque) Eaton = *Asclepias viridiflora* Rafinesque
Asclepias milkweed
Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Asclepias verticillata*]
Great Plains Flora Association. 1977. Atlas of the Flora of the Great Plains. Iowa State Univ. Press. 600 pp. [*Asclepias verticillata*]
Heil, K.D., J.M. Porter, and S.L. Welsh. 1989. A new species of *Asclepias* (Asclepiadaceae) from northwestern New Mexico. Great Basin Naturalist 49:100-103.
[*Asclepias sanjuanensis*]
Holmgren, P.K. & N.H. Holmgren. 1984. Asclepiadaceae, pp. 31-50. IN: Intermountain Flora, vol. 4. New York botanical Garden. [*Asclepias hallii*, *A. macrosperma*]
Kephart, S.R., R. Wyatt, & D. Parrella. 1988. Hybridization in North American *Asclepias*. I. Morphological evidence. Syst. Bot. 13(3):456-473.
Sundell, E. 1990. Notes on Arizona *Asclepias* (Asclepiadaceae) with a new combination. Phytologia 69(4):265-270.
Woodson, R.E. 1954. The North American species of *Asclepias*. Ann. Missouri Bot. Gard. 41:1-211.
arenaria Torrey [M&H; W&S]
sand milkweed
asperula (Decaisne) Woodson subsp. *asperula* [M&H]
spider milkweed
Asclepias capricornu Woodson subsp. *occidentalis* Woodson
asperula (Decaisne) Woodson subsp. *capricornu* (Woodson) Woodson [M&H; W&S]
antelope-horns
Asclepias capricornu Woodson
Asclepiodora decumbens (Nuttall) Gray
brachystephana Engelm. ex Torrey [M&H; W&S]
shortcrown milkweed
capricornu Woodson = *Asclepias asperula* (Decaisne) Woodson subsp. *capricornu* (Woodson) Woodson
capricornu Woodson subsp. *occidentalis* Woodson = *Asclepias asperula* (Decaisne) Woodson subsp. *asperula*
elata Benth. = *Asclepias glaucescens* Kunth
emoryi (Greene) Vail [M&H; W&S]
Emory's comet
Podostemma emoryi Greene
engelmanniana Woodson [M&H; W&S]
Engelmann milkweed
Acerates auriculata Engelm.
engelmanniana Woodson var. *rusbyi* (Vail) Kearney = *Asclepias rusbyi* (Vail) Woodson
galioides Humboldt, Bonpland, & Kunth [= *Asclepias mexicana* Cavanilles] : Not known to occur in NM (Woodson 1954).
galioides of numerous American authors = *Asclepias subverticillata* (Gray) Vail
glaucescens Kunth [M&H; W&S]
nodding milkweed
Asclepias elata Benth.
hallii Gray [Holmgren & Holmgren 1984]
Hall's milkweed
hypoleuca (Gray) Woodson [M&H; W&S]
mahogany milkweed
Gomphocarpus hypoleucus Gray
incarnata Linnaeus [M&H; W&S]
swamp milkweed
involuta Engelm. ex Torrey [M&H; W&S]
dwarf milkweed
latifolia (Torrey) Rafinesque [M&H; W&S]
broad-leaf milkweed

linaria Cavanilles [M&H]
 pine-needle milkweed

macrosperma Eastwood [Holmgren & Holmgren 1984; M&H]

macrotis Torrey [M&H; W&S]
 long-hood milkweed

nummularia Torrey [M&H; W&S]
 tufted milkweed

nyctaginifolia Gray [M&H]
 Mojave milkweed
Podostemma nyctaginifolia (Gray) Greene

oenotheroides Chamisso & Schlectendal [M&H; W&S]
 zizotes milkweed
Asclepias wrightii Greene
Podostemma lindheimeri (Engelmann & Gray) Greene

pumila (Gray) Vail [M&H; W&S]
 low milkweed
Asclepias verticillata Linnaeus var. *pumila* Gray

quinquedentata Gray [M&H; W&S]
 slimpod milkweed

rusbyi (Vail) Woodson [M&H; W&S]
 Rusby's milkweed
Acerates rusbyi Vail
Asclepias engelmanniana Woodson var. *rusbyi* (Vail) Kearney

+*sanjuanensis* Heil, Porter, & Welsh [Heil et al. 1989]
 San Juan milkweed

scaposa Vail [M&H; W&S]
 bear mountain milkweed

speciosa Torrey [M&H; W&S]
 showy milkweed

subverticillata (Gray) Vail [M&H; W&S]
 horsetail milkweed
Asclepias galioides of numerous American authors

tuberosa Linnaeus subsp. *interior* Woodson [Sundell 1994; W&S]
 butterfly milkweed
Asclepias tuberosa Linnaeus subsp. *terminalis* Woodson
tuberosa Linnaeus subsp. *terminalis* Woodson = *Asclepias tuberosa* Linnaeus subsp. *interior* Woodson

uncialis Greene [M&H; W&S]
 wheel milkweed

verticillata Linnaeus [Allred 1999; Great Plains Flora Association 1977]
 whorled milkweed

verticillata Linnaeus var. *pumila* Gray = *Asclepias pumila* (Gray) Vail

viridiflora Rafinesque [M&H; W&S]
 green comet
Acerates ivesii (Britton) Wootton & Standley
Acerates viridiflora (Rafinesque) Eaton
Asclepias viridiflora Rafinesque var. *lanceolata* (Ives) Torrey
viridiflora Rafinesque var. *lanceolata* (Ives) Torrey = *Asclepias viridiflora* Rafinesque
wrightii Greene = *Asclepias oenotheroides* Chamisso & Schlectendal

Asclepiodora decumbens (Nuttall) Gray = *Asclepias asperula* (Decaisne) Woodson subsp. *capricornu* Woodson

Cynanchum climbing milkweed
 Henrickson, J. 1987. Notes on *Cynanchum* (Asclepiadaceae). Sida 12(1):91-99.
 Sundell, E. 1981. The new world species of *Cynanchum* subgenus *Mellichampia* (Asclepiadaceae). Evol. Monographs 5:1-63.
 Todsén, T.K. 1984. Noteworthy collections (New Mexico). Madroño 31:125. [*Cynanchum wigginsii*, as *C. arizonicum*]
 arizonicum (Gray) Shinnars : Reported by Todsén (1984), but the specimen is now identified as *Cynanchum wigginsii* Shinnars, fide Robert Sivinski (pers. comm. 1996).

wigginsii Shinnars [Todsén 1984]
 Wiggins's climbing milkweed

Funastrum crispum (Benth.) Schlechtendal = *Sarcostemma crispum* Benth
cynanchoides (Decaisne) Schlechtendal = *Sarcostemma cynanchoides* Decaisne subsp. *cynanchoides*
heterophyllum (Engelmann ex Torrey) Standley = *Sarcostemma cynanchoides* Decaisne subsp. *hartwegii* (Vail) R. Holm

Gomphocarpus hypoleucus Gray = *Asclepias hypoleuca* (Gray) Woodson

Gonolobus parvifolius Torrey : Reported as expected by M&H; awaits verification.
Vincetoxicum parvifolium (Torrey) Heller

productus Torrey = *Matelea producta* (Torrey) Woodson

reticulatus Engelmann : Reported as expected by M&H map; awaits verification.
Vincetoxicum reticulatum (Engelmann) Heller

Matelea milkvine

biflora (Rafinesque) Woodson : Reported without documentation by Kartesz (1999); awaits verification.

producta (Torrey) Woodson [M&H; W&S]

Texas milkvine

Gonolobus productus Torrey

Vincetoxicum productum (Torrey) Vail

Philibertella crispa (Benth) Vail = *Sarcostemma crispum* Benth

cynanchoides (Decaisne) Vail = *Sarcostemma cynanchoides* Decaisne subsp. *cynanchoides*

heterophylla (Engelmann) Cockerell = *Sarcostemma cynanchoides* Decaisne subsp. *hartwegii* (Vail) R. Holm

Podostemma emoryi Greene = *Asclepias emoryi* (Greene) Vail

lindheimeri (Engelmann & Gray) Greene = *Asclepias oenotherioides* Chamisso & Schlechtendal

nyctaginifolia (Gray) Greene = *Asclepias nyctaginifolia* Gray

Sarcostemma milkvine

Holm, R.W. 1950. The American species of *Sarcostemma* R. Brown (Asclepiadaceae). Ann. Missouri Bot. Gard. 37:477-560.

Liede, S. 1996. *Sarcostemma* (Asclepiadaceae) -- a controversial generic circumscription reconsidered: Morphological evidence. Syst. Bot. 21(1):31-44.

crispum Benth [M&H; W&S]

wavy-leaf milkvine

Funastrum crispum (Benth) Schlechtendal

Philibertella crispa (Benth) Vail

cynanchoides Decaisne subsp. **cynanchoides** [M&H; W&S]

climbing milkweed

Funastrum cynanchoides (Decaisne) Schlechtendal

Philibertella cynanchoides (Decaisne) Vail

cynanchoides Decaisne subsp. **hartwegii** (Vail) R. Holm [M&H; W&S]

climbing milkweed

Funastrum heterophyllum (Engelmann ex Torrey) Standley

Philibertella heterophylla (Engelmann ex Torrey) Cockerell

Sarcostemma heterophyllum Engelmann ex Torrey

heterophyllum Englemann = *Sarcostemma cynanchoides* Decaisne subsp. *hartwegii* (Vail) R. Holm

Vincetoxicum parvifolium (Torrey) Heller = *Gonolobus parvifolius* Torrey

productum (Torrey) Vail = *Matelea producta* (Torrey) Woodson

reticulatum (Engelmann) Heller = *Gonolobus reticulatus* Englemann

Family ASTERACEAE (COMPOSITAE)

[Ambrosiaceae, Cichoriaceae, Mutisiaceae]

Barkley, T.M., L. Brouillet, & J.L. Strother. 2006. Asteraceae. IN: Flora of North America, vols. 19, 20, & 21. Oxford University Press.

Kittell, M.T. 1941. A Critical Revision of the Compositae of Arizona and New Mexico. The Catholic University of America, Biological Series No. 34.

Nesom, G.L. 2000. Generic conspectus of the tribe Astereae (Asteraceae) in North America and Central America, the Antilles, and Hawaii. Sida, Botanical Miscellany No. 20.

Acanthoxanthium spinosum (Linnaeus) Fourr. = *Xanthium spinosum* Linnaeus

Achaetogeron chihuahuensis Larsen = *Erigeron versicolor* (Greenman) Nesom

versicolor Greenman = *Erigeron versicolor* (Greenman) Nesom

Achillea yarrow

Cronquist, A. 1994. *Achillea*, pp. 134-136. IN: Intermountain Flora, vol. 5. New York Botanical Garden.

Tyrl, R.J. 1975. Origin and distribution of polyploid *Achillea* (Compositae) in western North America. Brittonia 27:187-196.

alpicola Rydberg = *Achillea millefolium* Linnaeus

lanulosa Nuttall subsp. *alpicola* (Rydberg) Keck = *Achillea millefolium* Linnaeus

lanulosa Nuttall subsp. *lanulosa* = *Achillea millefolium* Linnaeus

lanulosa Nuttall subsp. *typica* Keck = *Achillea millefolium* Linnaeus

laxiflora Pollard & Cockerell = *Achillea millefolium* Linnaeus

millefolium Linnaeus var. *alpicola* (Rydberg) Garrett = *Achillea millefolium* Linnaeus

millefolium Linnaeus var. *lanulosa* (Nuttall) Piper = *Achillea millefolium* Linnaeus

millefolium Linnaeus [M&H; W&S]

western yarrow

Achillea alpicola Rydberg

Achillea lanulosa Nuttall subsp. *alpicola* (Rydberg) Keck

Achillea lanulosa Nuttall subsp. *lanulosa*

Achillea lanulosa Nuttall subsp. *typica* Keck

Achillea laxiflora Pollard & Cockerell

Achillea millefolium Linnaeus var. *alpicola* (Rydberg) Garrett

Achillea millefolium Linnaeus var. *lanulosa* (Nuttall) Piper

Achillea millefolium Linnaeus var. *occidentalis* A.P. de Candolle

Achillea subalpina Greene

millefolium Linnaeus var. *occidentalis* A.P. de Candolle = *Achillea millefolium* Linnaeus

subalpina Greene = *Achillea millefolium* Linnaeus

Achyropappus neomexicanus Gray = *Schkuhria multiflora* Hooker & Arnott

woodhousei Gray = *Picradeniopsis woodhousei* (Gray) Rydberg

Aciphylloa acerosa (A.P. de Candolle) Gray = *Dyssodia acerosa* A.P. de Candolle

Acosta maculosa of American authors = *Centaurea stoebe* Linnaeus subsp. *micranthos* (S.G. Gmelin ex Gugler) Hayek

Acourtia desert holly

Reveal, J.L. and R.M. King. 1973. Re-establishment of *Acourtia* D. Don (Asteraceae). *Phytologia* 15:228-232.

nana (Gray) Reveal & King [M&H; W&S]

desert holly

Perezia nana Gray

thurberi (Gray) Reveal & King [M&H; W&S]

desert peony

Perezia thurberi Gray

wrightii (Gray) Reveal & King [M&H; W&S]

fluff-root

Perezia wrightii Gray

Acroptilon knapweed

Allred, K.W. & R. Lee. 1999. Knapweeds, starthistles, and basketflowers of New Mexico. *The New Mexico Botanist* 10:1-4.

***repens** (Linnaeus) A.P. de Candolle [M&H]

Russian knapweed

Centaurea picris Pallas ex Willdenow

Centaurea repens Linnaeus

Actinea acaulis (Pursh) Sprengel = *Tetraneuris acaulis* (Pursh) Greene var. *acaulis*

depressa Torrey & Gray var. *pygmaea* Gray = *Tetraneuris acaulis* (Pursh) Greene var. *acaulis*

acaulis (Pursh) Sprengel subsp. *arizonica* (Greene) Blake = *Tetraneuris acaulis* (Pursh) Greene var. *arizonica* (Greene) Parker

arizonica (Greene) A. Nelson = *Tetraneuris acaulis* (Pursh) Greene var. *arizonica* (Greene) Parker

brandegeei (Porter ex Gray) Rydberg = *Hymenoxys brandegeei* (Porter ex Gray) Parker

formosa (Greene ex Wooton & Standley) Nelson = *Tetraneuris formosa* Greene ex Wooton & Standley

linearifolia (Hooker) Torrey & Gray = *Tetraneuris linearifolia* (Hooker) Greene

linearifolia (Hooker) Torrey & Gray var. *oblongifolia* (Greene) Kittell = *Tetraneuris linearifolia* (Hooker) Greene

scaposa (A.P. de Candolle) Kuntze = *Tetraneuris scaposa* (A.P. de Candolle) var. *scaposa*

Actinella argentea Gray = *Tetraneuris argentea* (Gray) Greene

bigelovii Gray = *Hymenoxys bigelovii* (Gray) Parker

carcosa A. Nelson = *Chamaechaenactis scaposa* (Eastwood) Rydberg var. *scaposa*

glabra Nuttall = *Tetraneuris scaposa* (A.P. de Candolle) Greene var. *scaposa*

leptoclada Torrey = *Tetraneuris argentea* (Gray) Greene

odorata (A.P. de Candolle) Gray = *Hymenoxys odorata* A.P. de Candolle

richardsonii (Hooker) Nuttall = *Hymenoxys richardsonii* (Hooker) Cockerell var. *richardsonii*

richardsonii (Hooker) Nuttall var. *floribunda* (Hooker) Gray = *Hymenoxys richardsonii* (Hooker) Cockerell var. *floribunda* (Gray) Parker

rusbyi (Gray) Rydberg = *Hymenoxys richardsonii* (Hooker) Cockerell var. *richardsonii*

scaposa (A.P. de Candolle) Nuttall = *Tetraneuris scaposa* (A.P. de Candolle) Greene var. *scaposa*

scaposa (A.P. de Candolle) Nuttall var. *angustifolia* (Greene) Kittell = *Tetraneuris scaposa* (A.P. de Candolle) Greene var. *scaposa*

scaposa (A.P. de Candolle) Nuttall var. *linearis* Nuttall = *Tetraneuris scaposa* (A.P. de Candolle) Greene var. *scaposa*

vaseyi Gray = *Hymenoxys vaseyi* (Gray) Cockerell

Actinomeris longifolia Gray = *Verbesina longifolia* Gray

Adenophyllum dogweed

Sivinski, R. 2000. *Flora Neomexicana: something old and something new*. Native Plant Society of New Mexico Newsletter 25(1):10-11.

Strother, J.L. 1986. Renovation of *Dyssodia* (Compositae: Tageteae). *Sida* 11:371-378.

wrightii Gray [M&H; Sivinski 2000; W&S]

Wright's dogweed

Dyssodia neomexicana (Gray) Robinson

Hymenatherum neomexicanum Gray

Thymophylla neomexicana (Gray) Wooton & Standley

Ageratina snakeroot

Schilling, E.E., J.L. Panero, & P.B. Cox. 1999. Chloroplast DNA restriction site data support a narrowed interpretation of *Eupatorium* (Asteraceae). *Plant Syst. Evol.* 219:209-223.

herbacea (Gray) R.M. King & H.E. Robinson [M&H; W&S]

fragrant snakeroot

Eupatorium arizonicum Greene

Eupatorium herbaceum (Gray) Greene

rothrockii (Gray) R.M. King & H.E. Robinson [M&H; W&S]

Rothrock's snakeroot

Eupatorium rothrockii Gray

wrightii (Gray) R.M. King & H.E. Robinson [M&H; W&S]

Wright's snakeroot

Eupatorium wrightii Gray

Ageratum whiteweed

corymbosum Zuccarini [M&H; W&S]

whiteweed

Coelestina corymbosa A.P. de Candolle

Coelestina sclerophylla Wooton & Standley

Agoseris agoseris

Baird, G.I. 2004. Two new varieties of *Agoseris* (Asteraceae: Lactuceae). *Sida* 29(1):267-274.

Baird, G.I. 2006. *Agoseris*, p. 323-335. IN: Flora of North America, vol. 19. Oxford University Press, New York.
Cronquist, A. 1994. *Agoseris*, pp. 428-433. IN: Intermountain Flora, vol. 5. New York Botanical Garden.
Hershey, A.L. & P.J. Leyendecker, Jr. 1944. Notes on plants of New Mexico—III. Leaflets of Western Botany 4(2):21-25. [*Agoseris heterophylla*]

arizonica (Greene) Greene = *Agoseris aurantiaca* (Hooker) Greene var. *purpurea* (Gray) Cronquist
aurantiaca (Hooker) Greene var. ***aurantiaca*** [M&H; W&S]

orange-flowered agoseris

Agoseris gracilens Greene var. *greenii* (Gray) Greene
Agoseris greenii (Gray) Rydberg
Troximon aurantiacum Hooker

aurantiaca (Hooker) Greene var. ***purpurea*** (Gray) Cronquist [M&H; W&S]

Arizona agoseris

Agoseris arizonica (Greene) Greene
Agoseris graminifolia Greene
Agoseris leptocarpa Osterhout
Agoseris purpurea (Gray) Greene
Macrorhynchus purpureus Gray
Troximon arizonicum Greene

cuspidata (Pursh) Steudel = *Nothocalais cuspidata* (Pursh) Greene

glauca (Pursh) D. Dietrich var. ***glauca*** [M&H; W&S]

pale agoseris

Agoseris pumila (Nuttall) Rydberg
Troximon glaucum Pursh

glauca (Pursh) Rafinesque var. *laciniata* (D.C. Eaton) Kuntze = *Agoseris parviflora* (Nuttall) D. Dietrich

glauca (Pursh) Rafinesque var. *laciniata* (D.C. Eaton) Smiley = *Agoseris parviflora* (Nuttall) D. Dietrich

glauca (Pursh) Rafinesque var. *parviflora* (Nuttall) Rydberg = *Agoseris parviflora* (Nuttall) D. Dietrich

gracilens Greene var. *greenii* (Gray) Greene = *Agoseris aurantiaca* (Hooker) Greene var. *aurantiaca*

graminifolia Greene = *Agoseris aurantiaca* (Hooker) Greene var. *purpurea* (Gray) Cronquist

greenii (Gray) Rydberg = *Agoseris aurantiaca* (Hooker) Greene var. *aurantiaca*

heterophylla (Nuttall) Greene var. ***heterophylla*** [Hershey & Leyendecker 1944; M&H]

annual agoseris

Macrorhynchus heterophyllus Nuttall

heterophylla (Nuttall) Greene var. ***quentinii*** G.I. Baird [Baird 2004]

annual agoseris

laciniata (D.C. Eaton) Greene = *Agoseris parviflora* (Nuttall) D. Dietrich

leptocarpa Osterhout = *Agoseris aurantiaca* (Hooker) Greene var. *purpurea* (Gray) Cronquist

parviflora (Nuttall) Dietrich [M&H; W&S]

cutleaf agoseris

Agoseris glauca (Pursh) Rafinesque var. *laciniata* (D.C. Eaton) Kuntze
Agoseris glauca (Pursh) Rafinesque var. *laciniata* (D.C. Eaton) Smiley
Agoseris glauca (Pursh) Rafinesque var. *parviflora* (Nuttall) Rydberg
Agoseris laciniata (D.C. Eaton) Greene
Agoseris taraxacifolia (Nuttall) D. Dietrich
Troximon parviflorum Nuttall

pumila (Nuttall) Rydberg = *Agoseris glauca* (Pursh) D. Dietrich var. *glauca*

purpurea (Gray) Greene = *Agoseris aurantiaca* (Hooker) Greene var. *purpurea* (Gray) Cronquist

taraxacifolia (Nuttall) D. Dietrich = *Agoseris parviflora* (Nuttall) D. Dietrich

Almutaster aster

Nesom, G.L. 1994 [1995]. Review of the taxonomy of Aster sensu lato (Asteraceae: Astereae), emphasizing the New World species. *Phytologia* 77(3):141-297.

pauciflorus (Nuttall) A. & D. Löve [M&H; W&S]

marsh aster

Aster hydrophilus Greene
Aster pauciflorus Nuttall
Aster pauciflorus Nuttall var. *gracillimus* Gray

Amauria dissecta Gray = *Amauriopsis dissecta* (Gray) Rydberg

Amauriopsis bahia

dissecta (Gray) Rydberg [M&H]

ragged-leaf bahia

Amauria dissecta Gray
Bahia dissecta (Gray) Britton
Villanova dissecta (Gray) Rydberg

Ambrosia ragweed

Lee, R. 1999. New Mexico's Invasive Weeds. New Mexico State Univ. Coop. Ext. Serv. [*Ambrosia grayii*]

Payne, W.W. 1964. A re-evaluation of the genus *Ambrosia* (Compositae). *J. Arnold Arbor.* 45:401-430.

Peterson, K.M. & W.W. Payne. 1973. The genus *Hymenoclea* (Compositae: Ambrosieae). *Brittonia* 25:243-256.

Strother, J.L. & B.G. Baldwin. 2002. *Hymenoclea* are *Ambrosias* (Compositae). *Madroño* 49(3):143-144.

aptera A.P. de Candolle = *Ambrosia trifida* Linnaeus var. *texana* Scheele

acanthicarpa Hooker [M&H; W&S]

bur ragweed

- Franseria acanthicarpa* (Hooker) Coville
Gaertneria acanthicarpa (Hooker) Britton
- artemisiifolia** Linnaeus var. **elatior** (Linnaeus) Descourtils [M&H; W&S]
 annual ragweed
Ambrosia diversifolia (Piper) Rydberg
Ambrosia elatior Linnaeus
- confertiflora** A.P. de Candolle [M&H; W&S]
 Mexican ragweed
Franseria confertiflora (A.P. de Candolle) Rydberg
Franseria tenuifolia Gray
Gaertneria tenuifolia (Gray) Kuntze
- diversifolia* (Piper) Rydberg = *Ambrosia artemisiifolia* Linnaeus var. *elatior* (Linnaeus) Descourtils
elatior Linnaeus *Ambrosia artemisiifolia* Linnaeus var. *elatior* (Linnaeus) Descourtils
- grayii** (A. Nelson) Shinnery [Lee 1999]
 wooly-leaf bursage
Gaertneria grayi A. Nelson
Franseria tomentosa Gray [not *Franseria tomentosa* Nuttall]
- monogyra** (Torrey & Gray ex Gray) Strother & Baldwin [M&H; W&S]
 cheesebush
Hymenoclea monogyra Torrey & Gray ex Gray
- psilostachya** A.P. de Candolle [M&H; W&S]
 perennial ragweed
Ambrosia psilostachya A.P. de Candolle var. *lindheimeriana* (Scheele) Blankinship
psilostachya A.P. de Candolle var. *lindheimeriana* (Scheele) Blankinship = *Ambrosia psilostachya* A.P. de Candolle
- tomentosa** Nuttall [M&H; W&S]
 skeleton-leaf bursage
Franseria discolor Nuttall
Franseria tomentosa (Nuttall) A. Nelson [not *Franseria tomentosa* Gray]
Gaertneria tomentosa (Nuttall) Heller
- trifida* Linnaeus var. *integrifolia* (Muhlenberg) Torrey & Gray = *Ambrosia trifida* Linnaeus var. *trifida*
- trifida** Linnaeus var. **texana** Scheele [M&H; W&S]
 great ragweed
Ambrosia aptera A.P. de Candolle
- trifida** Linnaeus var. **trifida** [M&H]
 great ragweed
Ambrosia trifida Linnaeus var. *integrifolia* (Muhlenberg) Torrey & Gray
- Amphiachyris** broomweed
 Lane, M. 1979. Taxonomy of the genus *Amphiachyris* (Asteraceae: Astereae). Syst. Bot. 4(2):178-189.
 Lane, M. 1982. Generic limits of *Xanthocephalum*, *Gutierrezia*, *Amphiachyris*, *Gymnosperma*, *Greenella*, and *Thurovia* (Compositae: Astereae). Syst. Bot. 7:405-416.
- dracunculoides** (A.P. de Candolle) Nuttall [M&H; W&S]
 prairie broomweed
Brachyris dracunculoides A.P. de Candolle
Gutierrezia dracunculoides (A.P. de Candolle) Blake
Xanthocephalum dracunculoides (A.P. de Candolle) Shinnery
- Anaphalis** everlasting
margaritacea (Linnaeus) Benth & Hooker [M&H; W&S]
 pearly everlasting
Anaphalis margaritacea (Linnaeus) Gray var. *angustior* (Miquel) Nakai
Anaphalis margaritacea (Linnaeus) Gray var. *intercedens* Hara
Anaphalis margaritacea (Linnaeus) Gray var. *occidentalis* Greene
Anaphalis margaritacea (Linnaeus) Gray var. *revoluta* Suksdorf
Anaphalis margaritacea (Linnaeus) Gray var. *subalpina* Gray
margaritacea (Linnaeus) Gray var. *angustior* (Miquel) Nakai = *Anaphalis margaritacea* (Linnaeus) Benth & Hooker
margaritacea (Linnaeus) Gray var. *intercedens* Hara = *Anaphalis margaritacea* (Linnaeus) Benth & Hooker
margaritacea (Linnaeus) Gray var. *occidentalis* Greene = *Anaphalis margaritacea* (Linnaeus) Benth & Hooker
margaritacea (Linnaeus) Gray var. *revoluta* Suksdorf = *Anaphalis margaritacea* (Linnaeus) Benth & Hooker
margaritacea (Linnaeus) Gray var. *subalpina* Gray = *Anaphalis margaritacea* (Linnaeus) Benth & Hooker
- Antennaria** pussytoes
 Cronquist, A. 1994. *Antennaria*, pp. 368-376. IN: Intermountain Flora, vol. 5. New York Botanical Garden.
 Bayer, R.J. 1990. A systematic study of *Antennaria media*, *A. pulchella*, and *A. scabra* (Asteraceae: Inuleae) of the Sierra Nevada and White Mountains. Madroño 37(3):171-183.
 Bayer, R.J. 2006. *Antennaria*, p. 388-415. IN: Flora of North America, vol. 19. Oxford University Press, New York.
 Bayer, R.J. & G.L. Stebbins. 1987. Chromosome numbers, patterns of distribution, and apomixis in *Antennaria* (Asteraceae: Inuleae). Syst. Bot. 12:305-319.
 McGrath, J. 2000. New plant distribution records. The New Mexico Botanist 15:7. [*Antennaria corymbosa*]
aprica Greene = *Antennaria parvifolia* Nuttall
arida E. Nelson = *Antennaria rosea* Greene subsp. *arida* (E.E. Nelson) R.J. Bayer
arida E. Nelson var. *viscidula* E. Nelson = *Antennaria rosea* Greene subsp. *arida* (E.E. Nelson) R.J. Bayer

concinna E. Nelson = *Antennaria rosea* (D.C. Eaton) Greene subsp. *confinis* (Greene) R.J. Bayer

corymbosa E. Nelson [McGrath 2000]
flat-top pussytoes

dimorpha (Nuttall) Torrey & Gray [Bayer 2006]
cushion pussytoes

fendleri Greene = *Antennaria marginata* Greene

formosa Greene = *Antennaria rosea* (D.C. Eaton) Greene subsp. *rosea*

imbricata E. Nelson = *Antennaria rosea* (D.C. Eaton) Greene subsp. *rosea*

latisquamea Greene [not Piper] = *Antennaria parvifolia* Nuttall

marginata Greene [M&H; W&S]
white-margin pussytoes
Antennaria fendleri Greene
Antennaria peramoena Greene

media Greene [Bayer 1990; M&H; W&S]
Rocky Mountain pussytoes
Antennaria mucronata E.E. Nelson
Antennaria umbrinella sensu NM authors

microphylla Rydberg [M&H; W&S]
little-leaf pussytoes
Antennaria obovata sensu W&S and M&H

mucronata E.E. Nelson = *Antennaria media* Greene

obovata sensu W&S and M&H = *Antennaria microphylla* Rydberg

parvifolia Nuttall [M&H; W&S]
Nuttall's pussytoes
Antennaria aprica Greene
Antennaria latisquamea Greene [not Piper]

peramoena Greene = *Antennaria marginata* Greene

rosea (D.C. Eaton) Greene subsp. ***confinis*** (Greene) R.J. Bayer [W&S]
rosy pussytoes
Antennaria concinna E. Nelson

rosea (D.C. Eaton) Greene subsp. ***arida*** (E.E. Nelson) R.J. Bayer [Bayer 2006; M&H; W&S]
rosy pussytoes
Antennaria arida E.E. Nelson
Antennaria arida E.E. Nelson subsp. *viscidula* E.E. Nelson
Antennaria viscidula (E.E. Nelson) Rydberg

rosea (D.C. Eaton) Greene subsp. ***rosea*** [W&S]
rosy pussytoes
Antennaria formosa Greene
Antennaria imbricata E. Nelson

rosulata Rydberg [M&H; W&S]
wooly pussytoes
Antennaria sierrae-blancae Rydberg
sierrae-blancae Rydberg = *Antennaria rosulata* Rydberg
umbrinella sensu NM authors = *Antennaria media* Greene
viscidula (E. Nelson) Rydberg = *Antennaria rosea* Greene subsp. *arida* (E.E. Nelson) R.J. Bayer

Anthemis chamomile

****cotula*** Linnaeus [M&H; W&S]
stinking chamomile
Maruta cotula (Linnaeus) A.P. de Candolle

Antheropeas lanosum (Gray) Rydberg = *Eriophyllum lanosum* Gray

Aphanostephus faintcrown
Turner, B.L. 1984. Taxonomy of the genus *Aphanostephus* (Asteraceae--Asteraceae). *Phytologia* 56:81-101.
Worthington, R. 2006. Plant distribution reports. *The New Mexico Botanist* 35:3. [*Aphanostephus ramosissimus* var. *ramosissimus*]
arizonicus Gray = *Aphanostephus ramosissimus* A.P. de Candolle var. *humilis* (Benth) Turner & Birdsong
arkansanus (A.P. de Candolle) Gray = *Aphanostephus skirrhobasis* (A.P. de Candolle) Trelease
humilis Benth = *Aphanostephus ramosissimus* A.P. de Candolle var. *humilis* (Benth) Turner & Birdsong
perennis Wooton & Standley = *Aphanostephus riddellii* Torrey & Gray
ramosissimus A.P. de Candolle var. ***humilis*** (Benth) Turner & Birdsong [Turner 1984]
low faintcrown
Aphanostephus arizonicus Gray
Aphanostephus humilis Benth

ramosissimus A.P. de Candolle var. ***ramosissimus*** [Worthington 2006]
low faintcrown

riddellii Torrey & Gray [M&H; W&S]
Riddell's faintcrown
Aphanostephus perennis Wooton & Standley

- skirrhobasis*** (A.P. de Candolle) Trelease [M&H; Turner 1984; W&S]
 Arkansas dozedaisy
Aphanostephus arkansanus (A.P. de Candolle) Gray
Keerlia skirrhobasis A.P. de Candolle
- Aplopappus blephariphyllus*** Gray = *Xanthisma blephariphyllum* (Gray) Morgan & Hartman
linearifolius Buckley = *Baccharis texana* (Torrey & Gray) Gray
- Arctium*** burdock
 Arènes, J. 1950. Monographie du genre *Arctium* L. Bull. Jard. Bot. État 20:67-156.
 ****minus*** (Hill) Bernhardt [M&H; W&S]
 burdock
Lappa minus Hill
- Arida*** spine-aster
 Morgan, D.R. & R.L. Hartman. 2003. A synopsis of *Machaeranthera* (Asteraceae: Astereae), with recognition of segregate genera. Sida 20(4):1387-1416.
 Nesom, G.L., L.A. Vorobik, and R.L. Hartman. 1990. The identity of *Aster blepharophyllus* (Asteraceae: Astereae). Syst. Bot. 15(4):638-642.
blepharophylla (Gray) Morgana & Hartman [Nesom et al. 1990]
 La Playa Springs spine-aster
Aster blepharophyllus Gray
Machaeranthera gypsitherma Nesom, Vorobik, & Hartman
- parviflora*** (Gray) Morgan & Hartman [M&H; W&S]
 small-flower spine-aster
Aster parvulus Blake
Aster tanacetifolius Humboldt, Bonpland, & Kunth var. *pygmaeus* Gray
Machaeranthera parviflora Gray
Machaeranthera pygmaea (Gray) Wooton & Standley
- riparia*** (Kunth) Morgan & Hartman [Spellenberg et al. 1986]
 Sonoran spine-aster
Machaeranthera riparia (Kunth) A.G. Jones
Machaeranthera sonorae (Gray) Stucky
- Arnica*** arnica
 Downie, S.R. & K.E. Denford. 1988. Taxonomy of *Arnica* (Asteraceae) subgenus *Arctica*. Rhodora 90:245-275.
 Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4. [A. *fulgens*]
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 Worthington, R. 2005. Plant distribution reports (*Arnica latifolia*, *Carex bebbii*, *Carex capitata*, *Carex garberi*). The New Mexico Botanist 32:7.
chamissonis Lessing subsp. ***foliosa*** (Nuttall) Maguire [M&H; W&S]
 leafy arnica
Arnica foliosa Nuttall
- cordifolia*** Hooker [M&H; W&S]
 heart-leaf arnica
foliosa Nuttall = *Arnica chamissonis* Lessing subsp. *foliosa* (Nuttall) Maguire
- fulgens*** Pursh [Heil et al. 2002]
 shining arnica
- latifolia*** Bongard [Worthington 2005]
 daffodil arnica
- Artemisia*** sagebrush, wormwood
 Beetle, A.A. 1960. A study of sagebrush: the section *Tridentatae* of *Artemisia*. Univ. Wyoming Agr. Exp. Sta. Bull. 368.
 Keck, D.D. 1946. A revision of the *Artemisia vulgaris* complex in North America. Proc. Calif. Acad. Sci. IV. 25:421-468.
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 Shultz, L.M. 1986. Taxonomic and geographic limits of *Artemisia* subgenus *Tridentatae* (Beetle) McArthur (Asteraceae: Anthemideae), pp. 20-28. IN: McArthur, E.D. & B.L. Welch. Proceedings--Symposium on the Biology of *Artemisia* and *Chrysothamnus*. U.S. For. Serv. Gen. Tech. Rep. INT-200.
 Schultz, L.M. 2006. *Artemisia*, p. 503-534. IN: Flora of North America, vol. 19. Oxford University Press, New York.
 Sivinski, R. 2001. New plant distribution records. The New Mexico Botanist 19:3. [*Artemisia pygmaea*]
 Ward, G.H. 1953. *Artemisia*, section *Seriphidium*, in North America: A cytotoxic study. Contr. Dudley Herb. 4(6):155-205.
albula Wooton = *Artemisia ludoviciana* Nuttall subsp. *albula* (Wooton) Keck
arbuscula sensu M&H and W&S = *Artemisia tridentata* Nuttall
arbuscula Nuttall subsp. *nova* (A. Nelson) G.H. Ward = *Artemisia nova* A. Nelson
 ****biennis*** Willdenow [M&H; W&S]
 biennial wormwood
- bigelovii*** Gray [M&H; W&S]
 Bigelow's sagebrush
Artemisia petrophila Wooton & Standley
Seriphidium bigelovii (Gray) K. Bremer & Humphries
- campestris*** Linnaeus subsp. ***caudata*** (Michaux) Hall & Clements [M&H; W&S]
 field wormwood
Artemisia campestris Linnaeus var. *caudata* (Michaux) Palmer & Steyermark
Artemisia caudata Michaux
Artemisia forwoodii S. Watson

campestris Linnaeus var. *caudata* (Michaux) Palmer & Steyermark = *Artemisia campestris* Linnaeus subsp. *caudata* (Michaux) Hall & Clements

campestris Linnaeus subsp. ***pacifica*** (Nuttall) Hall & Clements [M&H; W&S]

field wormwood

Artemisia campestris Linnaeus var. *pacifica* (Nuttall) Peck

Artemisia campestris Linnaeus var. *scouleriana* (Besser) Cronquist

Artemisia pacifica Nuttall

Artemisia scouleriana (Besser) Rydberg

campestris Linnaeus var. *pacifica* (Nuttall) Peck = *Artemisia campestris* Linnaeus subsp. *pacifica* (Nuttall) Hall & Clements

campestris Linnaeus var. *scouleriana* (Besser) Cronquist = *Artemisia campestris* Linnaeus subsp. *pacifica* (Nuttall) Hall & Clements

cana Pursh var. *viscidula* Osterhout = *Artemisia cana* Pursh subsp. *viscidula* (Osterhout) Beetle

cana Pursh subsp. ***viscidula*** (Osterhout) Beetle [M&H; Schulz 2006; W&S]

silver sagebrush

Artemisia cana Pursh var. *viscidula* Osterhout

carruthii Wood ex Carruth [M&H; W&S]

Carruth's sagebrush

Artemisia carruthii Wood var. *wrightii* (Gray) Blake

Artemisia kansana Britton

Artemisia wrightii Gray

carruthii Wood var. *wrightii* (Gray) Blake = *Artemisia carruthii* Wood ex Carruth

caudata Michaux = *Artemisia campestris* Linnaeus subsp. *caudata* (Michaux) Hall & Clements

dracunculina S. Watson = *Artemisia dracunculus* Linnaeus

dracunculoides Pursh = *Artemisia dracunculus* Linnaeus

dracunculoides Pursh var. *dracunculina* (S. Watson) Blake = *Artemisia dracunculus* Linnaeus

dracunculus Linnaeus [M&H; W&S]

tarragon, dragon wormwood

Artemisia dracunculina S. Watson

Artemisia dracunculoides Pursh

Artemisia dracunculoides Pursh var. *dracunculina* (S. Watson) Blake

Artemisia glauca Pallas ex Willdenow

filifolia Torrey [M&H; W&S]

sand sage

forwoodii S. Watson = *Artemisia campestris* Linnaeus subsp. *caudata* (Michaux) Hall & Clements

franserioides Greene [M&H; W&S]

ragweed wormwood

frigida Willdenow [M&H; W&S]

estafiata, fringed sage

glauca Pallas ex Willdenow = *Artemisia dracunculus* Linnaeus

gnaphaloides Nuttall = *Artemisia ludoviciana* Nuttall subsp. *ludoviciana*

kansana Britton = *Artemisia carruthii* Wood

laciniata Willdenow subsp. ***parryi*** (Gray) W.A. Weber [M&H]

Parry's wormwood

Artemisia parryi Gray

Artemisia saxicola (Besser) Rydberg var. *parryi* (Gray) A. Nelson

ludoviciana Nuttall subsp. ***albula*** (Wooton) Keck [M&H; W&S]

New Mexico wormwood

Artemisia albula Wooton

Artemisia microcephala Wooton

ludoviciana Nuttall subsp. ***ludoviciana*** [M&H; W&S]

Louisiana wormwood

Artemisia gnaphaloides Nuttall

Artemisia rhizomata A. Nelson

Artemisia silvicola Osterhout

ludoviciana Nuttall subsp. ***mexicana*** (Willdenow ex Sprengel) Keck [M&H; W&S]

Mexican wormwood

Artemisia mexicana Willdenow

Artemisia neomexicana Greene

Artemisia redolens Gray

ludoviciana Nuttall subsp. *redolens* (Gray) Keck = *Artemisia ludoviciana* Nuttall subsp. *mexicana* (Willdenow) Keck

ludoviciana Nuttall subsp. *sulcata* (Rydberg) Keck : Reported as expected by M&H; to be looked for in the boot heel region; awaiting verification.

mexicana Willdenow = *Artemisia ludoviciana* Nuttall subsp. *mexicana* (Willdenow) Keck

microcephala Wooton = *Artemisia ludoviciana* Nuttall subsp. *albula* (Wooton) Keck

neomexicana Greene = *Artemisia ludoviciana* Nuttall subsp. *mexicana* (Willdenow) Keck

nova A. Nelson [M&H; W&S]

black sagebrush

Artemisia arbuscula Nuttall subsp. *nova* (A. Nelson) G.H. Ward

Seriphidium novum (A. Nelson) W.A. Weber
pacifica Nuttall = *Artemisia campestris* Linnaeus subsp. *pacifica* (Nuttall) Hall & Clements
parryi Gray = *Artemisia laciniata* Willdenow subsp. *parryi* (Gray) W.A. Weber
pattersonii Gray [M&H]
 Patterson's wormwood
petrophila Wootton & Standley = *Artemisia bigelovii* Gray
pygmaea A. Gray [Sivinski et al. 1995, 2001]
 pygmy sagebrush
Seriphidium pygmaeum (A. Gray) W.A. Weber
redolens Gray = *Artemisia ludoviciana* Nuttall subsp. *mexicana* (Willdenow) Keck
rhizomata A. Nelson = *Artemisia ludoviciana* Nuttall subsp. *ludoviciana*
scopulorum Gray [M&H; W&S]
 alpine wormwood
saxicola (Besser) Rydberg var. *parryi* (Gray) A. Nelson = *Artemisia laciniata* Willdenow subsp. *parryi* (Gray) W.A. Weber
scouleriana (Besser) Rydberg = *Artemisia campestris* Linnaeus subsp. *pacifica* (Nuttall) Hall & Clements
silvicola Osterhout = *Artemisia ludoviciana* Nuttall subsp. *ludoviciana*
spinescens D.C. Eaton [M&H; W&S]
 budsage
Picrothamnus desertorum Nuttall
tridentata Nuttall subsp. ***tridentata*** [M&H; W&S]
 big sagebrush
Seriphidium tridentatum (Nuttall) W.A. Weber
tridentata Nuttall subsp. ***vaseyana*** (Rydberg) Beetle [Shultz 1986]
 mountain sagebrush
Artemisia vaseyana Rydberg
Seriphidium vaseyanum (Rydberg) W.A. Weber
tridentata Nuttall subsp. ***wyomingensis*** Beetle & A.M. Young [McArthur & Sanderson 1999]
 Wyoming sagebrush
Seriphidium tridentatum (Nuttall) W.A. Weber subsp. *wyomingense* (Beetle & A.M. Young) W.A. Weber
vaseyana Rydberg = *Artemisia tridentata* Nuttall subsp. *vaseyana* (Rydberg) Beetle
wrightii Gray = *Artemisia carruthii* Wood
Asanthus brickelbush
squamulosus (Gray) R.M. King & H.E. Robinson [M&H]
 mule mountain brickelbush
Brickellia squamulosa Gray
Coleosanthus squamulosus (Gray) Kuntze
Aster ascendens Lindley = *Symphiotrichum ascendens* (Lindley) Nesom
amplifolius = *Dieteria asteroides* Torrey var. *asteroides*
apricum (Gray) Rydberg = *Symphiotrichum foliaceum* (A.P. de Candolle) Nesom var. *apricum* (A. Gray) Nesom
aquifolius (Greene) Blake = *Dieteria bigelovii* (Gray) Morgan & Hartman var. *bigelovii*
arenosus (Heller) Blake = *Chaetopappa ericoides* (Torrey) Nesom
bigelovii Gray = *Dieteria bigelovii* (Gray) Morgan & Hartman var. *bigelovii*
blepharophyllus A. Gray = *Arida blepharophylla* (Gray) Morgan & Hartman
boltoniae Greene = *Psilactis asteroides* A. Gray
campestris Nuttall = *Symphiotrichum campestre* (Nuttall) G.L. Nesom
canbyi (A. Gray) Vasey = *Symphiotrichum foliaceum* (A.P. de Candolle) Nesom var. *canbyi* (A. Gray) Nesom
canescens Pursh s.s. [= *Dieteria canescens* (Pursh) Nuttall] : Not known from NM according to Turner (1987).
canescens Pursh var. *tephrodes* Gray = *Dieteria asteroides* Torrey var. *asteroides*
chilensis Nees subsp. *ascendens* (Lindley) Cronquist = *Symphiotrichum ascendens* (Lindley) Nesom
coerulescens A.P. de Candolle var. *wootonii* (Greene) Wiegand = *Symphiotrichum lanceolatum* (Willdenow) Nesom var. *hesperium* (A. Gray) Nesom
commutatus (Torrey & Gray) Gray var. *commutatus* = *Symphiotrichum falcatum* (Lindley) Nesom var. *commutatum* Torrey Gray) Nesom
commutatus (Torrey & Gray) Gray var. *crassulus* (Rydberg) Blake = *Symphiotrichum falcatum* (Lindley) Nesom var. *commutatum* (Torrey & Gray) Nesom
commutatus (Torrey & Gray) Gray var. *polycephalus* Blake, non *Aster polycephalus* Rydberg = *Symphiotrichum falcatum* (Lindley) Nesom var. *commutatum* (Torrey & Gray) Nesom
corymbiformis Rydberg = *Symphiotrichum spatulatum* (Lindley) Nesom var. *spathulatum*
crassulus Rydberg = *Symphiotrichum falcatum* (Lindley) Nesom var. *commutatum* (Torrey & Gray) Nesom
ericoides Linnaeus = *Symphiotrichum ericoides* (Linnaeus) Nesom var. *ericoides*
exilis of NM authors = *Symphiotrichum subulatum* (Michaux) Nesom var. *ligulatum* (Shinners) S.D. Sundberg, or *Symphiotrichum subulatum* (Michaux) Nesom var. *parviflorum* (Nees) S.D. Sundberg
falcatus Lindley = *Symphiotrichum falcatum* (Lindley) Nesom var. *falcatum*
falcatus Lindley var. *crassulus* (Rydberg) Cronquist = *Symphiotrichum falcatum* (Lindley) Nesom var. *crassulum* (Rydberg) Cronquist
fendleri Gray = *Symphiotrichum fendleri* (A. Gray) Nesom
foliaceus Lindley ex A.P. de Candolle var. *apricum* A. Gray = *Symphiotrichum foliaceum* (Lindley ex A.P. de Candolle) Nesom var. *apricum* (A. Gray) Nesom
foliaceus Lindley ex A.P. de Candolle var. *burkei* A. Gray = *Symphiotrichum foliaceum* (Lindley ex A.P. de Candolle) Nesom var. *canbyi* (A. Gray) Nesom

foliaceus Lindley ex A.P. de Candolle var. *canbyi* A. Gray = *Symphyotrichum foliaceum* (Lindley ex A.P. de Candolle) Nesom var. *canbyi* (A. Gray) Nesom
foliaceus Lindley ex A.P. de Candolle var. *frondeus* A. Gray = *Symphyotrichum foliaceum* (Lindley ex A.P. de Candolle) Nesom var. *parryi* (D.C. Eaton) Nesom
foliaceus Lindley ex A.P. de Candolle var. *parryi* (D.C. Eaton) A. Gray = *Symphyotrichum foliaceum* (Lindley ex A.P. de Candolle) Nesom var. *parryi* (D.C. Eaton) Nesom
fremontii (Torrey & Gray) Gray = *Symphyotrichum spathulatum* (Lindley) Nesom var. *spathulatum*
frondeus (Gray) Greene = *Symphyotrichum foliaceum* (Lindley ex A.P. de Candolle) Nesom var. *parryi* (D.C. Eaton) Nesom
frondosus (Nuttall) Torrey & Gray = *Symphyotrichum frondosum* (Nuttall) Nesom
glaucodes Blake var. *formosus* (Greene) Kittell = *Eurybia glauca* (Nuttall) Nesom
glaucodes Blake var. *glaucodes* = *Eurybia glauca* (Nuttall) Nesom
glaucus (Nuttall) Torrey & Gray = *Herrickia glauca* (Nuttall) Brouillet
gymnocephalus auct. non (A.P. de Candolle) Gray = *Xanthisma blephariphyllum* (Gray) Morgan & Hartman
hebecladus A.P. de Candolle = *Symphyotrichum ericoides* (Linnaeus) Nesom var. *ericoides*
hesperius Gray var. *hesperius* = *Symphyotrichum lanceolatum* (Willdenow) Nesom var. *hesperium* (A. Gray) Nesom
hesperius Gray var. *laetivirens* (Greene) Cronquist = *Symphyotrichum lanceolatum* (Willdenow) Nesom var. *hesperium* (A. Gray) Nesom
hesperius Gray var. *wootonii* Greene = *Symphyotrichum lanceolatum* (Willdenow) Nesom var. *hesperium* (A. Gray) Nesom
hirtifolius Blake = *Chaetopappa ericoides* (Torrey) Nesom
horridus (Wooton & Standley) Blake = *Herrickia horrida* Wooton & Standley
hydrophilus Greene = *Almutaster pauciflorus* (Nuttall) Löve & Löve
jemensis A. Nelson = *Symphyotrichum fendleri* (A. Gray) Nesom
kumleinii Fries = *Symphyotrichum oblongifolium* (Nuttall) Nesom
laevis Linnaeus var. *geyeri* Gray = *Symphyotrichum laeve* (Linnaeus) Löve & Löve var. *geyeri* (A. Gray) Nesom
laevis Linnaeus var. *guadalupensis* A.G. Jones = *Symphyotrichum laeve* (Linnaeus) Löve & Löve var. *geyeri* (A. Gray) Nesom
laetivirens Greene = *Symphyotrichum lanceolatum* (Willdenow) Nesom var. *hesperium* (A. Gray) Nesom
leucelene Blake = *Chaetopappa ericoides* (Torrey) Nesom
linearis (Greene) Cory = *Dieteria canescens* (Pursh) Nuttall var. *glabra* (Gray) Morgan & Hartman
lonchophyllus Greene = *Symphyotrichum eatonii* (Gray) Nesom
multiflorus Aiton = *Symphyotrichum ericoides* (Linnaeus) Nesom var. *ericoides*
multiflorus Aiton var. *commutatus* Torrey & Gray = *Symphyotrichum falcatum* (Lindley) Nesom var. *commutatum* (Torrey & Gray) Nesom
neomexicanus Wooton & Standley = *Symphyotrichum subulatum* (Michaux) Nesom var. *ligulatum* (Shinners) S.D. Sundberg
novae-angliae Linnaeus = *Symphyotrichum novae-angliae* (Linnaeus) Nesom
oblongifolius Nuttall = *Symphyotrichum oblongifolium* (Nuttall) Nesom
oblongifolius Nuttall var. *rigidus* Gray = *Symphyotrichum oblongifolium* (Nuttall) Nesom
occidentalis (Nuttall) Torrey & Gray = *Symphyotrichum spathulatum* (Lindley) Nesom var. *spathulatum*
oregonus auct. non (Nuttall) Torrey & Gray = *Symphyotrichum eatonii* (Gray) Nesom
parvulus Blake = *Arida parviflora* (Gray) Morgan & Hartman
pauciflorus Nuttall = *Almutaster pauciflorus* (Nuttall) Löve & Löve
pauciflorus Nuttall var. *gracillimus* Gray = *Almutaster pauciflorus* (Nuttall) Löve & Löve
porteri Gray = *Symphyotrichum porteri* (A. Gray) Nesom
praealtus Poiret = *Symphyotrichum praealtum* (Poiret) Nesom
riparia of NM reports = *Arida riparia* (Kunth) Morgan & Hartman
rubrotinctus Blake = *Dieteria canescens* (Pursh) Nuttall
salicifolius Aiton = *Symphyotrichum praealtum* (Poiret) Nesom
sericeus Ventenat = *Symphyotrichum sericeum* (Ventenat) Nesom
spinosa Bentham = *Chloracantha spinosa* (Bentham) Nesom
subulatus Michaux = *Symphyotrichum subulatum* (Michaux) Nesom s.s.
subulatus Michaux var. *cubensis* Shinners = *Symphyotrichum subulatum* (Michaux) Nesom var. *parviflorum* (Nees) S.D. Sundberg
subulatus Michaux var. *ligulatus* Shinners = *Symphyotrichum subulatum* (Michaux) Nesom var. *ligulatum* (Shinners) S.D. Sundberg
subulatus Michaux = *Symphyotrichum subulatum* (Michaux) Nesom
tagetinus (Greene) Blake = *Machaeranthera tagetina* Greene
tanacetifolius Humboldt, Bonpland, & Kunth = *Machaeranthera tanacetifolia* (Humboldt, Bonpland, & Kunth) Nees
tanacetifolius Humboldt, Bonpland, & Kunth var. *pygmaeus* Gray = *Arida parviflora* (Gray) Morgan & Hartman
tephrodes (Gray) Blake = *Dieteria asteroides* Torrey var. *asteroides*
vallicola Greene = *Symphyotrichum ascendens* (Lindley) Nesom
woodhousei Wooton = *Symphyotrichum frondosum* (Nuttall) Nesom
wootonii Greene = *Symphyotrichum lanceolatum* (Willdenow) Nesom var. *hesperium* (A. Gray) Nesom

Baccharis seep-willow

Cronquist, A. 1994. *Baccharis*, pp. 352-356. IN: Intermountain Flora, vol. 5. New York Botanical Garden.
Sundberg, S.D. & D.J. Bogler. 2006. *Baccharis*, p. 23-34. IN: Flora of North America, vol. 20. Oxford University Press, New York.

bigelovii Gray [M&H; W&S]
Bigelow's seep-willow

brachyphylla Gray [M&H]
short-leaf seep willow

emoryi Gray = *Baccharis salicina* Torrey & Gray
glutinosa Persoon = *Baccharis salicifolia* (Ruiz & Pavon) Persoon

havardii Gray [McIntosh 1996]
Havard's seep-willow

neglecta Britton s.s. : Restricted to Edwards Plateau and Mexico; earlier reports for NM need verification.

pilularis A.P. de Candolle subsp. **consanguinea** (A.P. de Candolle) C.B. Wolf [M&H]
 coyotebrush

pteronioides A.P. de Candolle [M&H; W&S]
 yerba-de-pasmo
Baccharis ramulosa (A.P. de Candolle) Gray
ramulosa (A.P. de Candolle) Gray = *Baccharis pteronioides* A.P. de Candolle

salicifolia (Ruiz & Pavon) Persoon
 willow baccharis, mule's fat
Baccharis glutinosa Persoon
Baccharis viminea A.P. de Candolle

salicina Torrey & Gray [M&H; W&S]
 great plains seep-willow
Baccharis emoryi Gray

sarothroides Gray [M&H; W&S]
 broom seep-willow, rosinbush

texana (Torrey & Gray) Gray [Sundberg & Bogler 2006]
 Texas seep-willow
Aplopappus linearifolius Buckley
Linosyris texana Torrey & Gray

thesioides Humboldt, Bonpland, & Kunth [M&H]
 Arizona seep-willow
viminea A.P. de Candolle = *Baccharis salicifolia* (Ruiz & Pavon) Persoon

wrightii Gray [M&H; W&S]
 Wright's seep-willow
Coleosanthus wrightii (Gray) Britton

Baeria chrysostroma Fischer & C.A. Meyer var. *gracilis* (A.P. de Candolle) Hall = *Lasthenia gracilis* (A.P. de Candolle) Greene
gracilis (A.P. de Candolle) Gray = *Lasthenia gracilis* (A.P. de Candolle) Greene

Bahia bahia
 Ellison, W.L. 1964. A systematic study of the genus *Bahia* (Compositae). *Rhodora* 66:67-86, 177-215, 281-311.

absinthifolia Benth [M&H; W&S]
 hairy-seed bahia
Bahia absinthifolia Benth var. *dealbata* Gray
Bahia dealbata Gray
Picradeniopsis dealbata (Gray) Wootton & Standley
absinthifolia Benth var. *dealbata* Gray = *Bahia absinthifolia* Benth

biternata Gray [M&H; W&S]
 slim-lobe bahia
Villanova biternata (Gray) Wootton & Standley
dealbata Gray = *Bahia absinthifolia* Benth var. *dealbata* Gray
dissecta (Gray) Britton = *Amauriopsis dissecta* (Gray) Rydberg
neomexicana Gray = *Schkuhria multiflora* Hooker & Arnott
nudicaulis Gray var. *oblongifolia* (Gray) Cronquist = *Platyschkuhria integrifolia* (Gray) Rydberg var. *oblongifolia* (Gray) Ellison
oblongifolia Gray = *Platyschkuhria integrifolia* (Gray) Rydberg var. *oblongifolia* (Gray) Ellison
oppositifolia (Nuttall) Gray = *Picradeniopsis oppositifolia* (Nuttall) Rydberg

pedata Gray [M&H]
 blunt-scale bahia
Eriophyllum pedatum (Gray) Kuntze
woodhousei (Gray) Gray = *Picradeniopsis woodhousei* (Gray) Rydberg

Baileya desert marigold
 Turner, M.W. 1993. Systematic study of the genus *Baileya* (Asteraceae: Helenieae). *Sida* 15(3):491-508.

multiradiata Harvey & Gray ex Gray [M&H; W&S]
 desert marigold
Baileya multiradiata Harvey & Gray ex Gray var. *nudicaulis* Gray
Baileya multiradiata Harvey & Gray ex Gray var. *thurberi* (Rydberg) Kittell
Baileya pleniradiata Harvey & Gray ex Gray var. *multiradiata* (Harvey & Gray ex Gray) Kearney
Baileya thurberi Rydberg
multiradiata Harvey & Gray ex Gray var. *nudicaulis* Gray = *Baileya multiradiata* Harvey & Gray
multiradiata Harvey & Gray ex Gray var. *pleniradiata* (Harvey & Gray ex Gray) Coville [= *Baileya pleniradiata*]: Reported by M&H, but M. Turner (1993) does not report this from NM.
multiradiata Harvey & Gray ex Gray var. *thurberi* (Rydberg) Kittell = *Baileya multiradiata* Harvey & Gray
pleniradiata Harvey & Gray ex Gray: Not known to occur in NM.
pleniradiata Harvey & Gray ex Gray var. *multiradiata* (Harvey & Gray ex Gray) Kearney = *Baileya multiradiata* Harvey & Gray ex Gray
thurberi Rydberg = *Baileya multiradiata* Harvey & Gray

Barkleyanthus Barkley's groundsel
salicifolius (Kunth) H. Robinson & Brettell [M&H; Todsens 1973]
 Barkley's groundsel
Senecio salignus A.P. de Candolle

Bartlettia Bartlett's daisy
scaposa Gray [M&H; W&S]
 Bartlett's daisy

Bebbia sweetbush
 Whalen, M. 1977. Taxonomy of *Bebbia* (Compositae: Heliantheae). Madroño 24:112-121.
aspera (Greene) A. Nelson = *Bebbia juncea* (Benth) Greene var. *aspera* Greene
juncea (Benth) Greene var. *aspera* Greene [M&H; W&S]
 sweetbush
Bebbia aspera (Greene) A. Nelson

Berlandiera greeneyes
 Pinkava, D.J. 1967. Biosystematic study of *Berlandiera* (Compositae). Brittonia 19:285-298.
 Pinkava, D.J. 2006. *Berlandiera*, pp. 83-87. IN: Flora of North America, vol. 21. Oxford University Press.
 Turner, B.L. 1956. Chromosome numbers and geographic distribution of *Lindheimeria*, *Engelmannia*, and *Berlandiera*. Southwestern Naturalist 1:128-131.
incisa Torrey & Gray = *Berlandiera lyrata* Benth
lyrata Benth [M&H; W&S]
 Lyre-leaf greeneyes, chocolate-flower
Berlandiera incisa Torrey & Gray
lyrata Benth var. *macrophylla* Gray = *Berlandiera* × *macrophylla* (Gray) M.E. Jones
 × *macrophylla* (Gray) M.E. Jones = hybrids between *Berlandiera lyrata* Benth and *Berlandiera monocephala* (B.L. Turner) Pinkava
Berlandiera lyrata Benth var. *macrophylla* Gray
texana A.P. de Candolle [M&H]
 Texas greeneyes

Berthelotia sericea (Nuttall) Rydberg = *Pluchea sericea* (Nuttall) Coville

Bidens beggarticks
 Ballard, R. 1986. *Bidens pilosa* complex (Asteraceae) in North and Central America. Amer. J. Bot. 73:1452-1465.
 Sherff, E.E. 1955. Coreopsidinae. North American Flora II(2):1-149.
 Strother, J.L. & R.R. Weedon. 2006. *Bidens*, pp. 205-218. IN: Flora of North America, vol. 21. Oxford University Press. [*Bidens polylepis*, *vulgata*]
anthriscoides A.P. de Candolle : Reported by W&S, not treated by M&H; needs verification.
bigelovii Gray [M&H; W&S]
 Bigelow's beggarticks
bipinnata Linnaeus [M&H]
 Spanish needles
Bidens bipinnata Linnaeus var. *biternatoides* Sherff
bipinnata Linnaeus var. *biternatoides* Sherff = *Bidens bipinnata* Linnaeus
cernua Linnaeus [M&H]
 nodding beggarticks
Bidens glaucescens Greene
Bidens prionophylla Greene
cognata Greene = *Bidens tenuisecta* Gray
comosa (Gray) Wiegand = *Bidens tripartita* Linnaeus
frondosa Linnaeus [M&H; W&S]
 devil's pitchfork
glaucescens Greene = *Bidens cernua* Linnaeus
heterosperma Gray [M&H; W&S]
 Rocky Mountain beggarticks
laevis (Linnaeus) Britton, Sterns, & Poggenburg [M&H]
 smooth beggarticks
lemmonii Gray [M&H; Wagner 1979]
 Lemmon's beggarticks
leptocephala Sherff [M&H]
 slim beggarticks
megapotamicum Sprengel = *Thelesperma megapotamicum* (Sprengel) Kuntze
odorata Cavanilles = *Bidens pilosa* Linnaeus
pilosa Linnaeus [Ballard 1986; M&H]
 fragrant beggarticks
Bidens odorata Cavanilles
Bidens pilosa Linnaeus var. *radiata* (Schultz-Bipontinus) Schultz-Bipontinus
pilosa Linnaeus var. *radiata* (Schultz-Bipontinus) Schultz-Bipontinus = *Bidens pilosa* Linnaeus
polylepis Blake [Strother & Weedon]
 beggarticks
prionophylla Greene = *Bidens cernua* Linnaeus
tenuisecta Gray [M&H; W&S]
 slim-lobe beggarticks
Bidens cognata Greene
tripartita Linnaeus [M&H]
 beggarticks

Bidens comosa (Gray) Wiegand
vulgata Greene [Strother & Weedon]
 common beggarticks

Bigelovia douglasii Gray var. *stenophylla* Gray = *Chrysothamnus viscidiflorus* (Hooker) Nuttall var. *viscidiflorus*
graveolens = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *graveolens* (Nuttall) Reveal & Schuyler
graveolens (Nuttall) Gray var. *appendiculata* Eastwood = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *latisquamea* (Gray) Nesom & Baird
graveolens (Nuttall) Gray var. *latisquamea* Gray = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *latisquamea* (Gray) Nesom & Baird
greenei Gray = *Chrysothamnus greenei* (Gray) Greene
pluriflora Gray = *Isocoma pluriflora* (Torrey & Gray) Greene
pulchella Gray = *Lorandersonia pulchella* (Gray) Urbatsch, Roberts & Neubig
spathulata Gray = *Ericameria cuneata* (Gray) McClatchie var. *spathulata* (Gray) H.M. Hall
vaseyi Gray = *Chrysothamnus vaseyi* (Gray) Greene

Blepharipappus glandulosa Hooker = *Layia glandulosa* (Hooker) Hooker & Arnott
Boebera papposa (Ventenat) Rydberg = *Dyssodia papposa* (Ventenat) Hitchcock
Brachyactis frondosus (Nuttall) Gray = *Symphytotrichum frondosum* (Nuttall) Nesom
woodhousei (Wooton) Wooton & Standley = *Symphytotrichum frondosum* (Nuttall) Nesom
Brachyris microcephala A.P. de Candolle = *Gutierrezia microcephala* (A.P. de Candolle) Gray
Brauneria angustifolia (A.P. de Candolle) Heller = *Echinacea angustifolia* A.P. de Candolle

Brickellia brickellbush
 Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Brickellia parvula*]
 Cockman, J. 1996. New plant distribution records (*Brickellia veronicifolia*). The New Mexico Botanist 3:6.
 Cronquist, A. 1994. *Kuhnia*, pp. 384. IN: Intermountain Flora, vol. 5. New York Botanical Garden.
 Scott, R.W. 2006. *Brickellia*, pp. 491-507. IN: Flora of North America, vol. 21. Oxford University Press, New York. [*Brickellia lemmonii conduplicata*]
 Shinnery, L.H. 1946. Revision of the genus *Kuhnia*. Wrightia 1:122-144.
 Shinnery, L.H. 1971. *Kuhnia* transferred to *Brickellia* Ell. (Compositae). Sida 4:274.
 Turner, B.L. 1989. An overview of the *Brickellia* (*Kuhnia*) *eupatorioides* (Asteraceae, Eupatorieae) complex. Phytologia 67(2):121-131.
 Turner, B.L. 1990. An overview of the *Brickellia lemmonii* (Asteraceae: Eupatorieae) complex (including *B. conduplicata*). Phytologia 68(3):160-164.

amplexicaulis B. Robinson [Spellenberg et al. 1993]
 ear-leaf brickellbush

baccharidea Gray [M&H; W&S]
 resin-leaf brickellbush
Coleosanthus baccharideus (Gray) Kuntze

betonicifolia Gray [M&H; W&S]
 betony-leaf brickellbush
Coleosanthus betonicifolius (Gray) Kuntze
betonicifolia Gray var. *conduplicata* B.L. Robinson = *Brickellia lemmonii* Gray var. *conduplicata* (B.L. Robinson) B.L. Turner
brachiata Gray = *Brickellia coulteri* Gray var. *brachiata* (Gray) B.L. Turner

brachyphylla Gray [M&H; W&S]
 plumed brickellbush
Coleosanthus brachyphyllus (Gray) Kuntze

californica (Torrey & Gray) Gray [M&H]
 California brickellbush
Brickellia californica (Torrey & Gray) Gray var. *reniformis* (Gray) Torrey & Gray
Bulbostylis californica Torrey & Gray
Coleosanthus axillaris Greene
Coleosanthus melissaefolius Greene
Coleosanthus reniformis (Gray) Rydberg
californica (Torrey & Gray) Gray var. *reniformis* (Gray) Torrey & Gray = *Brickellia californica* (Torrey & Gray) Gray

+**chenopodina** (Greene) Robinson [M&H; W&S]
 chenopod brickellbush
Coleosanthus chenopodinus Greene

chlorolepis (Wooton & Standley) Shinnery = *Brickellia eupatorioides* (Linnaeus) Shinnery var. *chlorolepis* (Wooton & Standley) B. Turner
coulteri Gray var. **brachiata** (Gray) B.L. Turner [Spellenberg et al. 1993]
 Coulter's brickellbush
Brickellia brachiata Gray

eupatorioides (Linnaeus) Shinnery var. **chlorolepis** (Wooton & Standley) B. Turner [M&H; W&S]
 false boneset
Brickellia chlorolepis (Wooton & Standley) Shinnery
Kuhnia chlorolepis Wooton & Standley
Kuhnia rosmarinifolia Ventenat var. *chlorolepis* (Wooton & Standley) Blake
Kuhnia eupatorioides Linnaeus var. *chlorolepis* (Wooton & Standley) Cronquist

eupatorioides (Linnaeus) Shinnery var. **corymbulosa** (Torrey & Gray) Shinnery [Turner 1989]
 false boneset
Kuhnia eupatorioides Linnaeus var. *corymbulosa* Torrey & Gray

fendleri Gray = *Brickelliastrum fendleri* (Gray) King & H.E. Robinson

floribunda Gray [M&H; W&S]

Chihuahuan brickellbush
Coleosanthus floribundus (Gray) Kuntze
grandiflora (Hooker) Nuttall [M&H; W&S]
 tassel-flower brickellbush
Brickellia grandiflora (Hooker) Nuttall var. *petiolaris* Gray
Coleosanthus grandiflorus (Hooker) Kuntze
Coleosanthus petiolaris (Gray) Greene
Coleosanthus umbellatus Greene
grandiflora (Hooker) Nuttall var. *petiolaris* Gray = *Brickellia grandiflora* (Hooker) Nuttall
laciniata Gray [M&H; W&S]
 cut-leaf brickellbush
Coleosanthus laciniatus (Gray) Kuntze
lemmonii Gray var. **conduplicata** (B.L. Robinson) B.L. Turner [Scott 2006]
 Lemmon's brickellbush
Brickellia betonicifolia Gray var. *conduplicata* B.L. Robinson
lemmonii Gray var. **lemmonii** [M&H; W&S]
 Lemmon's brickellbush
Brickellia lemmonii Gray var. *wootonii* (Greene) Robinson
Coleosanthus wootonii Greene
lemmonii Gray var. *wootonii* (Greene) Robinson = *Brickellia lemmonii* Gray var. *lemmonii* [Turner 1990]
linifolia D.C. Eaton = *Brickellia oblongifolia* Nuttall var. *linifolia* (D.C. Eaton) Robinson
microphylla (Nuttall) Gray var. **scabra** Gray [M&H; W&S]
 little-leaf brickellbush
Brickellia scabra (Gray) A. Nelson
Coleosanthus scaber Greene
oblongifolia Nuttall var. **linifolia** (D.C. Eaton) Robinson [M&H; W&S]
 narrow-leaf brickellbush
Brickellia linifolia D.C. Eaton
Coleosanthus humilis Greene
Coleosanthus linifolius (D.C. Eaton) Kuntze
parvula Gray [Allred 1999]
 Mt. Davis brickellbush
rusbyi Gray [M&H; W&S]
 Rusby's brickellbush
Coleosanthus rusbyi (Gray) Kuntze
scabra (Gray) A. Nelson = *Brickellia microphylla* (Nuttall) Gray var. *scabra* Gray
simplex Gray [M&H]
 Sonoran brickellbush
squamulosa Gray = *Asanthus squamulosus* (Gray) King & H.E. Robinson
venosa (Wooton & Standley) Robinson [M&H; W&S]
 veiny brickellbush
Coleosanthus venosus Wooton & Standley
veronicifolia (Humboldt, Bonpland, & Kunth) Gray [Cockman 1996]
 veronica-leaf brickellbush
Brickelliastrum brickellbush
fendleri (Gray) King & H.E. Robinson [M&H; W&S]
 Fendler's brickellbush
Brickellia fendleri Gray
Coleosanthus ambigens Greene
Burrielia gracilis A.P. de Candolle = *Baeria gracilis* (A.P. de Candolle) Greene
Cacalia decomposita Gray = *Psacalium decompositum* (Gray) H.E. Robinson & Bretting
Calliopsis cardaminifolia A.P. de Candolle = *Coreopsis tinctoria* Nuttall
Calycoseris tackstem
wrightii Gray [M&H; W&S]
 Wright's tackstem
Calyptocarpus straggler daisy
 ***vialis** Lessing [Spellenberg et al. 1986]
 straggler daisy
Carduus thistle
 Carson National Forest, USDA Forest Service. 2000. New plant distribution records 15:7. [*Carduus acanthoides*]
 Cronquist, A. 1994. *Carduus*, p. 388. IN: Intermountain Flora, vol. 5. New York Botanical Garden.
 ***acanthoides** Linnaeus [Carson National Forest 2000]
 spiny thistle
acaulescens (Gray) Rydberg = *Cirsium scariosum* Nuttall var. *americanum* (Gray) Keil
arizonicus (Gray) Greene = *Cirsium arizonicum* (Gray) Petrak var. *arizonicum*
bipinnatus (Eastwood) Heller = *Cirsium arizonicum* (Gray) Petrak var. *bipinnatum* (Eastwood) Keil

drummondii (Torrey & Gray) Coville s.s. [=Cirsium drummondii Torrey & Gray] : Not occurring in NM [Keil 2006]
drummondii (Torrey & Gray) Coville var. *acaulescens* (Gray) Coville = Cirsium scariosum Nuttall var. *americanum* (Gray) Keil
gilensis Wooton & Standley = Cirsium parryi (Gray) Petrak
grahamii (Gray) Greene = Cirsium grahamii Gray
inornatus Wooton & Standley = Cirsium parryi (Gray) Petrak
marianus Linnaeus = Silybum marianum (Linnaeus) Gaertner
megacephalus (Gray) A. Nelson = Cirsium undulatum (Nuttall) Sprengel
neomexicanus (Gray) Greene = Cirsium neomexicanum Gray

***nutans** Linnaeus [M&H]

musk thistle, nodding thistle

Carduus thoermeri Weinmann

ochrocentrus (Gray) Greene = Cirsium ochrocentrum Gray

pallidus Wooton & Standley = Cirsium parryi (Gray) Petrak

parryi (Gray) Greene = Cirsium parryi (Gray) Petrak

pulchellus Greene = Cirsium arizonicum (Gray) Petrak var. *bipinnatum* (Eastwood) Keil

thoermeri Weinmann = *Carduus nutans* Linnaeus

tracyi Rydberg = Cirsium tracyi (Rydberg) Petrak

undulatus Nuttall = Cirsium undulatum (Nuttall) Sprengel

undulatus Nuttall var. *canescens* (Nuttall) Porter [=Cirsium canescens Nuttall] : Excluded from NM by Keil (2006); awaits verification

vinaceus Wooton & Standley = Cirsium vinaceum (Wooton & Standley) Wooton & Standley

vulgaris Savi = Cirsium vulgare (Savi) Tenore

wrightii (Gray) Heller = Cirsium wrightii Gray

Carminatia plumeweed

tenuiflora A.P. de Candolle [M&H; W&S]

plumeweed

Carphochaete bristlehead

bigelovii Gray [M&H; W&S]

Bigelow's bristlehead

Carthamus safflower

***tinctorius** Linnaeus [M&H]

safflower

Centaurea knapweed

Allred, K.W. & R. Lee. 1999. Knapweeds, starthistles, and basketflowers of New Mexico. *The New Mexico Botanist* 10:1-4.

Keil, D.J. & J. Ochsmann. 2006. *Centaurea*, p. 181-194. IN: *Flora of North America*, vol. 19. Oxford University Press, New York.

americana Nuttall = *Plectocephalus americanus* (Nuttall) D. Don

biebersteinii A.P. de Candolle = *Centaurea stoebe* Linnaeus subsp. *micranthos* (S.G. Gmelin ex Gugler) Hayek

***calcitrapa** Linnaeus [Allred & Lee 1999; M&H]

purple starthistle

***cyanus** Linnaeus [Allred & Lee 1999]

cornflower, bachelor's buttons

***diffusa** Lamarck [Allred & Lee 1999]

diffuse knapweed

maculosa Lamarck subsp. *micranthos* S.G. Gmelin ex Gugler = *Centaurea stoebe* Linnaeus subsp. *micranthos* (S.G. Gmelin ex Gugler)

Hayek

***melitensis** Linnaeus [Allred & Lee 1999; M&H]

malta starthistle

picris Pallas ex Willdenow = *Acroptilon repens* (Linnaeus) A.P. de Candolle

repens Linnaeus = *Acroptilon repens* (Linnaeus) A.P. de Candolle

rothrockii Greenman = *Plectocephalus rothrockii* (Greenman) D.J.N. Hind

***solstitialis** Linnaeus [Allred & Lee 1999]

yellow starthistle

***stoebe** Linnaeus subsp. *micranthos* (S.G. Gmelin ex Gugler) Hayek [Allred & Lee 1999; M&H]

spotted knapweed

Acosta maculosa of American authors

Centaurea maculosa Lamarck subsp. *micranthos* S.G. Gmelin ex Gugler

Cephalobombix neomexicana (Gray) Rydberg = *Schkuhria multiflora* Hooker & Arnott

Cephalophora scaposa A.P. de Candolle = *Tetraneuris scaposa* (A.P. de Candolle) Greene

Chaenactis pincushion

Worthington, R.D. 2001. New plant distribution records. *The New Mexico Botanist* 20:8. [*Chaenactis carphoclinia*]

carphoclinia Gray [Worthington 2001]

pebble pincushion

douglasii (Hooker) Hooker & Arnott [M&H; W&S]

dusty maiden

scaposa Eastwood = *Chamaechaenactis scaposa* (Eastwood) Rydberg

stevioides Hooker & Arnott [M&H; W&S]

desert pincushion

Chaetopappa aster

Nesom, G.L. 1988. Synopsis of *Chaetopappa* (Compositae- Astereae) with a new species and the inclusion of *Leucelene*. *Phytologia* 64(6):448-456.

Shinners, L.H. 1946. Revision of the genus *Chaetopappa* A.P. de Candolle *Wrightia* 1: 63-81.

elegans Soreng & Spellenberg = *Ionactis elegans* (Soreng & Spellenberg) Nesom

ericoides (Torrey) Nesom [M&H; W&S]

sand aster, heath aster

Aster arenosus (Heller) Blake

Aster hirtifolius Blake

Aster leucelene Blake

Leucelene arenosus Heller

Leucelene ericoides (Torrey) Greene

hersheyi Blake [Shinners 1946]

Hershey's daisy

Chamaechaenactis fullstem

Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. *The New Mexico Botanist* 24:1-4. [C.

scaposa]

scaposa (Eastwood) Rydberg var. *scaposa* [Heil et al. 2002]

fullstem

Actinella carnosa A. Nelson

Chaenactis scaposa Eastwood

Chaptalia silverpuff

Nesom, G.L. 1995. Revision of *Chaptalia* (Asteraceae: Mutisieae) from North America and continental Central America. *Phytologia* 78:153-188.

alsophila Greene = *Leibnitzia seemannii* (Schultz-Bipontinus) Nesom

texana Greene [Nesom 1995]

silverpuff

Chloracantha devilweed

Nesom, G.L., Y. Suh, D.R. Morgan, S.D. Sundberg, & B.B. Simpson. 1991. *Chloracantha*, a new genus of North American Astereae (Asteraceae). *Phytologia* 70:371-380.

spinosa (Bentham) Nesom [M&H; W&S]

Mexican devilweed

Aster spinosus Bentham

Leucosyris spinosus (Bentham) Greene

Chrysactinia damianita

mexicana Gray [M&H; W&S]

damianita

Pectis taxifolia Greene

Chrysanthemum leucanthemum Linnaeus = *Leucanthemum vulgare* Lamarck

leucanthemum Linnaeus var. *pinnatifidum* Lecoq & Lamotte = *Leucanthemum vulgare*. Lamarck

Chrysoma laricifolia (Gray) Greene = *Ericameria laricifolia* (Gray) Shinners

Chrysopsis angustifolia Rydberg = *Heterotheca stenophylla* (A. Gray) Shinners var. *angustifolia* (Rydberg) Semple

berlandiera Greene = *Heterotheca canescens* (A.P. de Candolle) Shinners

canescens (A.P. de Candolle) Torrey & Gray = *Heterotheca canescens* (A.P. de Candolle) Shinners

cryptocephala Wootton & Standley = *Heterotheca fulcrata* (Greene) Shinners

foliosa Nuttall = *Heterotheca villosa* (Pursh) Shinners var. *foliosa* (Nuttall) Harms

fulcrata Greene = *Heterotheca fulcrata* (Greene) Shinners

hirtutissima Greene = *Heterotheca villosa* (Pursh) Shinners var. *minor* (Hooker) Semple

hispida (Hooker) A.P. de Candolle = *Heterotheca villosa* (Pursh) Shinners var. *minor* (Hooker) Semple

horrida Rydberg = *Heterotheca villosa* (Pursh) Shinners var. *nana* (A. Gray) Semple

nitidula Wootton & Standley = *Heterotheca fulcrata* (Greene) Shinners var. *amplifolia* (Rydberg) Semple

senilis Wootton & Standley = *Heterotheca fulcrata* (Greene) Shinners var. *senilis* (Wootton & Standley) Semple

hispida (Hooker) A.P. de Candolle var. *stenophylla* A. Gray = *Heterotheca stenophylla* (A. Gray) Shinners

viscida (Gray) Greene = *Heterotheca viscida* (Gray) Harms

villosa (Pursh) Nuttall ex Hooker = *Heterotheca villosa* (Pursh) Shinners

villosa (Pursh) Nuttall ex Hooker var. *canescens* (A.P. de Candolle) Gray = *Heterotheca canescens* (A.P. de Candolle) Shinners

Chrysothamnus rabbitbrush

Anderson, L.C. 1995. The *Chrysothamnus-Ericameria* connection (Asteraceae). *Great Basin Nat.* 55(1):84-88.

Nesom, G.L. and G.I. Baird. 1993. Completion of *Ericameria* (Asteraceae: Astereae), diminution of *Chrysothamnus*. *Phytologia* 75(1):74-93.

Urbatsch, L.E., R.P. Roberts, & K.M. Neubig. 2006. *Chrysothamnus*, p. 187-193. IN: *Flora of North America*, vol. 20. Oxford University Press, New York.

appendiculatus (Eastwood) Heller = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *latisquamea* (A. Gray) Nesom & Baird

baileyi Wootton & Standley = *Lorandersonia baileyi* (Wootton & Standley) Urbatsch, Roberts & Neubig

bakeri Greene = *Chrysothamnus vaseyi* (Gray) Greene

bigelovii (Gray) Greene = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *bigelovii* (A. Gray) Nesom & Baird

confinis Greene = *Chrysothamnus nauseosus* (Pallas ex Pursh) Britton var. *graveolens* (Nuttall) Reveal & Schuyler

depressus Nuttall [Anderson 1986; M&H; W&S]

long-flower rabbitbrush

Ericameria depressa (Nuttall) L.C. Anderson

elatior Standley = *Lorandersonia pulchella* (Gray) Urbatsch, Roberts & Neubig

elegans Greene = *Chrysothamnus viscidiflorus* (Hooker) Nuttall var. *lanceolatus* (Nuttall) Greene

filifolius Rydberg = *Chrysothamnus greenei* (Gray) Greene

formosus Greene = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *speciosa* (Nuttall) Nesom & Baird
glauca A. Nelson = *Chrysothamnus viscidiflorus* (Hooker) Nuttall var. *viscidiflorus*
graveolens (Nuttall) Greene = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *graveolens* (Nuttall) Reveal & Schuyler
greenei (Gray) Greene [Anderson 1986; M&H; W&S]

Greene's rabbitbrush

Bigelovia greenei Gray
Chrysothamnus filifolius Rydberg
Chrysothamnus greenei (Gray) Greene subsp. *filifolius* (Rydberg) Hall & Clements
Ericameria filifolia (Rydberg) L.C. Anderson
Ericameria greenei (Gray) Nesom
greenei (Gray) Greene subsp. *filifolius* (Rydberg) Hall & Clements = *Chrysothamnus greenei* (Gray) Greene
greenei (Gray) Greene subsp. *greenei* = *Chrysothamnus greenei* (Gray) Greene
howardii (Parry ex A. Gray) Greene = *Ericameria parryi* (A. Gray) Nesom & Baird var. *howardii* (Parry ex A. Gray) Nesom & Baird
latisquameus (Gray) Greene = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *latisquamea* (A. Gray) Nesom & Baird
linifolius Greene = *Lorandersonia linifolia* (Greene) Urbatsch, Roberts & Neubig
nauseosus (Pallas ex Pursh) Britton subsp. *arenarius* Anderson = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *arenaria* (L.C. Anderson) Nesom & Baird
nauseosus (Pallas ex Pursh) Britton subsp. *bigelovii* (Gray) Hall & Clements = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *bigelovii* (A. Gray) Nesom & Baird
nauseosus (Pallas ex Pursh) Britton subsp. *consimilis* (Greene) Hall & Clements = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *oreophila* (Greene) Nesom & Baird
nauseosus (Pallas ex Pursh) Britton subsp. *gnaphalodes* (Greene) Hall = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *hololeuca* (A. Gray) Nesom & Baird
nauseosus (Pallas ex Pursh) Britton subsp. *graveolens* (Nuttall) Hall & Clements = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *graveolens* (Nuttall) Reveal & Schuyler
nauseosus (Pallas ex Pursh) Britton subsp. *junceus* (Greene) Hall = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *junceus* (Greene) Nesom & Baird
nauseosus (Pallas ex Pursh) Britton subsp. *latisquameus* (Gray) H. & S. = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *latisquamea* (A. Gray) Nesom & Baird
nauseosus (Pallas ex Pursh) Britton subsp. *nauseosus* = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *nauseosa*
nauseosus (Pallas ex Pursh) Britton subsp. *nitidus* Anderson = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *nitida* (L.C. Anderson) Nesom & Baird
nauseosus (Pallas ex Pursh) Britton subsp. *pinifolius* (Greene) Hall & Clements = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *oreophila* (A. Nelson) Nesom & Baird
nauseosus (Pallas ex Pursh) Britton subsp. *speciosus* (Nuttall) Hall & Clements = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *speciosa* (Nuttall) Nesom & Baird
nauseosus (Pallas ex Pursh) Britton subsp. *texensis* Anderson = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *texensis* (L.C. Anderson) Nesom & Baird
nauseosus (Pallas ex Pursh) Britton subsp. *typicus* Hall & Clements = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *nauseosa*
newberryi Rydberg = *Ericameria parryi* (A. Gray) Nesom & Baird var. *attenuata* (M.E. Jones) Nesom & Baird
parryi (Gray) Greene subsp. *affinis* (A. Nelson) L.C. Anderson = *Ericameria parryi* (A. Gray) Nesom & Baird var. *affinis* (A. Nelson) Nesom & Baird
parryi (Gray) Greene subsp. *attenuatus* (M.E. Jones) Hall & Clements = *Ericameria parryi* (A. Gray) Nesom & Baird var. *attenuata* (M.E. Jones) Nesom & Baird
parryi (Gray) Greene subsp. *howardii* (Parry ex A. Gray) Hall & Clements = *Ericameria parryi* (A. Gray) Nesom & Baird var. *howardii* (Parry ex A. Gray) Nesom & Baird
parryi (Gray) Greene subsp. *parryi* = *Ericameria parryi* (A. Gray) Nesom & Baird var. *parryi*
pinifolius Greene = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *oreophila* (A. Nelson) Nesom & Baird
pulchellus (Gray) Greene subsp. *baileyi* (Wooton & Standley) Hall & Clements = *Lorandersonia baileyi* (Wooton & Standley) Rubatsch, Roberts & Neubig
pulchellus (Gray) Greene = *Lorandersonia pulchella* (Gray) Urbatsch, Roberts & Neubig
pulchellus (Gray) Greene subsp. *elatior* (Standley) Hall & Clements = *Lorandersonia pulchella* (Gray) Urbatsch, Roberts & Neubig
pulcherrimus A. Nelson = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird subsp. *nauseosa* var. *speciosa* (Nuttall) Nesom & Baird
serrulatus Rydberg = *Chrysothamnus viscidiflorus* (Hooker) Nuttall var. *viscidiflorus*
spathulatus L.C. Anderson = *Lorandersonia spathulata* (L.C. Anderson) Urbatsch, Roberts & Neubig
speciosus Nuttall = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *speciosa* (Nuttall) Nesom & Baird
vaseyi (Gray) Greene [Anderson 1986; M&H; W&S]

Vasey's rabbitbrush

Bigelovia vaseyi Gray
Chrysothamnus bakeri Greene
Ericameria vaseyi (A. Gray) L.C. Anderson
viscidiflorus (Hooker) Nuttall = *Chrysothamnus viscidiflorus* (Hooker) Nuttall var. *viscidiflorus*
viscidiflorus (Hooker) Nuttall subsp. *elegans* (Greene) Hall & Clements = *Chrysothamnus viscidiflorus* (Hooker) Nuttall var. *lanceolatus* (Nuttall) Greene

viscidiflorus (Hooker) Nuttall var. **lanceolatus** (Nuttall) Greene [Anderson 1986; M&H; W&S]

green-flowered rabbitbrush

Chrysothamnus elegans Greene
Chrysothamnus viscidiflorus (Hooker) Nuttall subsp. *elegans* (Greene) Hall & Clements
Chrysothamnus viscidiflorus (Hooker) Nuttall subsp. *lanceolatus* (Nuttall) Hall & Clements

Ericameria viscidiflora (Hooker) L.C. Anderson subsp. *lanceolata* (Nuttall) L.C. Anderson
viscidiflorus (Hooker) Nuttall subsp. *lanceolatus* (Nuttall) Hall & Clements = *Chrysothamnus viscidiflorus* (Hooker) Nuttall var.
 lanceolatus (Nuttall) Greene
viscidiflorus (Hooker) Nuttall subsp. *linifolius* (Greene) Hall & Clements = *Lorandersonia linifolia* (Greene) Urbatsch, Roberts & Neubig
viscidiflorus (Nuttall) Hooker subsp. *ludens* Shinnars = *Lorandersonia spatulata* (L.C. Anderson) Urbatsch, Roberts & Neubig
viscidiflorus (Hooker) Nuttall subsp. *stenophyllus* (Gray) Hall & Clements = *Chrysothamnus viscidiflorus* (Hooker) Nuttall var.
 viscidiflorus

viscidiflorus (Hooker) Nuttall var. ***viscidiflorus*** [Anderson 1986; M&H; W&S]

green-flowered rabbitbrush

Bigelovia douglasii Gray var. *stenophylla* Gray
Chrysothamnus glaucus A. Nelson
Chrysothamnus serrulatus Rydberg
Chrysothamnus stenophyllus (Gray) Greene
Chrysothamnus viscidiflorus (Hooker) Nuttall subsp. *stenophyllus* (Gray) Hall & Clements
Ericameria viscidiflora (Hooker) L.C. Anderson

Cichorium chicory

****intybus*** Linnaeus [M&H; W&S]

chicory

Cirsium thistle

Allred, K.W. 2005. Plant distribution reports (*Cirsium arizonicum rothrockii*, *Gypsophila scorzonrifolia*, *Rumex stenophyllus*, *Paronychia pulvinata*). The New Mexico Botanist 33:7.

Barlow-Irick, P. 1999. *Cirsium ochrocentrum* subsp. *martinii* (Asteraceae), a new subspecies of the Santa Fe thistle from the Gila River region of Arizona and New Mexico. Novon 9:318-322.

Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4. [*C. chellyense*, as *C. chuskaense*]

Keil, D.J. 2004. New taxa and new combinations in North American *Cirsium* (Asteraceae: Cardueae). Sida 21(1):207-219.

Keil, D.J. 2006. *Cirsium*, p. 95-164. IN: Flora of North America, vol. 19. Oxford University Press.

Moore, R.J. and C. Frankton. 1973. The *Cirsium arizonicum* complex of the southwestern United States. Can. J. Bot. 52:543-551.

Schaack, C.G. and G.A. Goodwin. 1990. A new subspecies of *Cirsium parryi* (Asteraceae: Cardueae) from Arizona and comments on the *Cirsium parryi* complex. Madroño 37(4):299-304.

Worthington, R.D. 2004. Plant distribution reports. The New Mexico Botanist 31:2. [*Cirsium texanum*]

acaulescens (Gray) K. Schumann = *Cirsium drummondii* Torrey & Gray var. *acaulescens* (Gray) Macbride

arizonicum (Gray) Petrak var. ***arizonicum*** [Keil 2006; M&H; W&S]

Arizona thistle

Carduus arizonicus (Gray) Greene
Cnicus arizonicus Gray

arizonicum (Gray) Petrak var. ***bipinnatum*** (Eastwood) Keil [Keil 2006; M&H; W&S]

Four-Corners thistle

Carduus bipinnatus (Eastwood) Heller
Carduus pulchellus Greene
Cirsium calcareum (M.E. Jones) Wooton & Standley
Cirsium bipinnatum (Eastwood) Rydberg
Cirsium pulchellum (Greene) Wooton & Standley
Cnicus drummondii Gray var. *bipinnatus* Eastwood

arizonicum (Gray) Petrak var. ***chellyense*** (Moore & Frankton) Keil [Keil 2006; Heil et al. 2002]

queen thistle

Cirsium chellyense Moore & Frankton
Cirsium chuskaense R.J. Moore

arizonicum (Gray) Petrak var. ***rothrockii*** (A. Gray) Keil [Allred 2005; Keil 2006]

Rothrock's thistle

Cnicus rothrockii A. Gray

****arvense*** (Linnaeus) Scopoli [Keil 2006; M&H]

Canadian thistle

Serratula arvensis Linnaeus

bipinnatum (Eastwood) Rydberg = *Cirsium arizonicum* (Gray) Petrak var. *bipinnatum* (Eastwood) Keil
calcareum (M.E. Jones) Wooton & Standley = *Cirsium arizonicum* (Gray) Petrak var. *bipinnatum* (Eastwood) Keil
canescens Nuttall : Reported by M&H, but excluded from NM by Keil (2006); awaits verification.

Carduus undulatus Nuttall var. *canescens* (Nuttall) Porter

chellyense Moore & Frankton = *Cirsium arizonicum* (Gray) Petrak var. *chellyense* (Moore & Frankton) Keil

chuskaense R.J. Moore = *Cirsium arizonicum* (Gray) Petrak var. *chellyense* (Moore & Frankton) Keil

coloradense (Rydberg) Cockerell = *Cirsium scariosum* Nuttall var. *coloradense* (Rydberg) Keil

drummondii Torrey & Gray var. *acaulescens* (Gray) Macbride = *Cirsium scariosum* Nuttall var. *americanum*

drummondii Torrey & Gray s.s. : Not occurring in NM (Keil 2006)

Carduus drummondii (Torrey & Gray) Coville

eatonii (A. Gray) B.L. Robinson var. ***eriocephalum*** (A. Gray) Keil [Keil 2006; Spellenberg et al. 1986]

Rocky Mountain thistle

Carduus scopulorum Greene
Cirsium scopulorum (Greene) Cockerell ex Daniels

gilense (Wooton & Standley) Wooton & Standley = *Cirsium parryi* (Gray) Petrak

grahamii Gray [Keil 2006; M&H; W&S]

Graham's thistle

Carduus grahami (Gray) Greene

Cnicus grahami (Gray) Gray

inornatum (Wooton & Standley) Wooton & Standley = *Cirsium parryi* (Gray) Petrak

megacephalum (Gray) Cockerell = *Cirsium undulatum* (Nuttall) Sprengel

neomexicanum Gray [Keil 2006; M&H; W&S]

New Mexico thistle

Carduus neomexicanus (Gray) Greene

Cnicus neomexicanus (Gray) Gray

ochrocentrum Gray var. **ochrocentrum** [Keil 2006; M&H; W&S]

yellow-spine thistle

Carduus ochrocentrus (Gray) Greene

Cnicus ochrocentrus (Gray) Gray

ochrocentrum Gray var. **martinii** (P. Barlow-Irick) Keil [Barlow-Irick 1999; Keil 2006]

Martin's thistle

Cirsium ochrocentrum Gray subsp. *martinii* P. Barlow-Irick

ochrocentrum Gray subsp. *martinii* P. Barlow-Irick = *Cirsium ochrocentrum* Gray var. *martinii* (P. Barlow-Irick) Keil

pallidum (Wooton & Standley) Wooton & Standley = *Cirsium parryi* (Gray) Petrak

parryi (Gray) Petrak [Keil 2006; M&H; W&S]

Parry's thistle

Carduus gilensis Wooton & Standley

Carduus inornatus Wooton & Standley

Carduus pallidus Wooton & Standley

Carduus parryi (Gray) Greene

Cirsium gilense (Wooton & Standley) Wooton & Standley

Cirsium inornatum (Wooton & Standley) Wooton & Standley

Cnicus parryi Gray

perennans (Greene) Wooton & Standley = *Cirsium wheeleri* (Gray) Petrak

pulchellum (Greene) Wooton & Standley = *Cirsium arizonicum* (Gray) Petrak var. *bipinnatum* (Eastwood) Keil

scariosum Nuttall var. *americanum*: Not occurring in NM (Keil 2006)

Carduus acaulescens (Gray) Rydberg

Carduus drummondii (Torrey & Gray) Coville var. *acaulescens* (Gray) Coville

Cirsium acaulescens (Gray) K. Schumann

Cirsium drummondii Torrey & Gray var. *acaulescens* (Gray) Macbride

scariosum Nuttall var. **coloradense** (Rydberg) Keil [Keil 2006; M&H; W&S]

meadow thistle

Cirsium coloradense (Rydberg) Cockerell ex Daniels

scariosum Nuttall var. *scariosum*: Not occurring in NM (Keil 2006); our plants referred to *Cirsium scariosum* Nuttall var. *coloradense* (Rydberg) Keil

scopulorum (Greene) Cockerell ex Daniels = *Cirsium eatonii* (A. Gray) B.L. Robinson var. *eriocephalum* (A. Gray) Keil

texanum Buckley [Keil 2006; Worthington 2004]

Texas thistle

tracyi (Rydberg) Petrak [Keil 2006]

Tracy's thistle

Carduus tracyi Rydberg

undulatum (Nuttall) Sprengel [Keil 2006; M&H; W&S]

wavy-leaf thistle

Carduus megacephalus (Gray) A. Nelson

Carduus undulatus Nuttall

Cirsium megacephalum (Gray) Cockerell

Cnicus undulatus (Nuttall) Gray

Cnicus undulatus (Nuttall) Gray var. *megacephalus* Gray

+vinaceum (Wooton & Standley) Wooton & Standley [Keil 2006; M&H; W&S]

Sacramento Mountains thistle

Carduus vinaceus Wooton & Standley

***vulgare** (Savi) Tenore [Keil 2006; M&H]

bull thistle

Carduus vulgaris Savi

Cirsium lanceolatoatum (Linnaeus) Scopoli

wheeleri (Gray) Petrak [Keil 2006; M&H; W&S]

Wheeler's thistle

Cirsium perennans (Greene) Wooton & Standley

Cnicus wheeleri Gray

wrightii Gray [Keil 2006; M&H; W&S]

Wright's thistle

Carduus wrightii (Gray) Heller

- Cnicus wrightii* Gray
- Clappia suaedifolia* sensu W&S, not Gray = *Pseudoclappia arenaria* Rydberg
- Cnicus arizonicus* Gray = *Cirsium arizonicum* (Gray) Petrak var. *arizonicum*
 benedictus Linnaeus : Reported as expected by M&H; awaits verification.
- drummondii* Gray var. *bipinnatus* Eastwood = *Cirsium arizonicum* (Gray) Petrak var. *bipinnatum* (Eastwood) Keil
- grahami* (Gray) Gray = *Cirsium grahamii* Gray
- neomexicanus* (Gray) Gray = *Cirsium neomexicanum* Gray
- ochrocentrus* (Gray) Gray = *Cirsium ochrocentrum* Gray
- parryi* Gray = *Cirsium parryi* (Gray) Petrak
- rothrockii* A. Gray = *Cirsium arizonicum* (Gray) Petrak var. *rothrockii* (A. Gray) Keil
- undulatus* (Nuttall) Gray = *Cirsium undulatum* (Nuttall) Sprengel
- undulatus* (Nuttall) Gray var. *megacephalus* Gray = *Cirsium undulatum* (Nuttall) Sprengel
- wheeleri* Gray = *Cirsium wheeleri* (Gray) Petrak
- wrightii* Gray = *Cirsium wrightii* (Gray) Gray
- Coelestina corymbosa* A.P. de Candolle = *Ageratum corymbosum* Zuccarini
- sclerophylla* Wooton & Standley = *Ageratum corymbosum* Zuccarini
- Coleosanthus ambigens* Greene = *Brickelliastrum fendleri* (Gray) King & H.E. Robinson
- axillaris* Greene = *Brickellia californica* (Torrey & Gray) Gray
- baccharideus* (Gray) Kuntze = *Brickellia baccharidea* Gray
- betonicifolius* (Gray) Kuntze = *Brickellia betonicifolia* Gray
- brachyphyllus* (Gray) Kuntze = *Brickellia brachyphylla* Gray
- chenopodinus* Greene = *Brickellia chenopodina* (Greene) Robins
- floribundus* (Gray) Kuntze = *Brickellia floribunda* Gray
- grandiflorus* (Hooker) Kuntze = *Brickellia grandiflora* (Hooker) Nuttall var. *grandiflora*
- humilis* Greene = *Brickellia oblongifolia* Nuttall var. *linifolia* (D.C. Eaton) Robinson
- laciniatus* (Gray) Kuntze = *Brickellia laciniata* Gray
- linifolius* (D.C. Eaton) Kuntze = *Brickellia oblongifolia* Nuttall var. *linifolia* (D.C. Eaton) Robinson
- melissaefolius* Greene = *Brickellia californica* (Torrey & Gray) Gray
- modestus* Greene : Belongs in *Brickellia*; status uncertain.
- nepetaefolius* Greene : Status uncertain
- petiolaris* (Gray) Greene = *Brickellia grandiflora* (Hooker) Nuttall var. *petiolaris* Gray
- reniformis* (Gray) Rydberg = *Brickellia californica* (Torrey & Gray) Gray
- rusbyi* (Gray) Kuntze = *Brickellia rusbyi* Gray
- scaber* Greene = *Brickellia scabra* (Gray) A. Nelson
- squamulosus* (Gray) Kuntze = *Asanthus squamulosus* (Gray) King & H.E. Robinson
- umbellatus* Greene = *Brickellia grandiflora* (Hooker) Nuttall var. *grandiflora*
- venosus* Wooton & Standley = *Brickellia venosa* (Wooton & Standley) Robinson
- wootonii* Greene = *Brickellia lemmonii* A. Gray var. *lemmonii*
- wrightii* (Gray) Britton = *Baccharis wrightii* Gray
- Conoclinium** mist-flower
- King, R.M. and H. Robinson. 1970. Studies in the Eupatorieae (Compositae). XIII. The genus *Conoclinium*. *Phytologia* 19(5):299-300.
- Schilling, E.E., J.L. Panero, & P.B. Cox. 1999. Chloroplast DNA restriction site data support a narrowed interpretation of *Eupatorium* (Asteraceae). *Plant Syst. Evol.* 219:209-223.
- dissectum** Gray [M&H; W&S]
 mist-flower
Conoclinium greggii (Gray) Small
Eupatorium greggii Gray
greggii (Gray) Small = *Conoclinium dissectum* Gray
- Conyza** horseweed
- Allred, K.W. & D.L. Anderson. 2002. New plant distribution records. *The New Mexico Botanist* 21:2. [*Conyza bonariensis*]
- Nesom, G.L. 1990. Taxonomy of the genus *Laennecia* (Asteraceae: Astereae). *Phytologia* 68(3):205-228.
- *bonariensis** (Linnaeus) Cronquist [Allred & Anderson 2002]
 asthmaweed
Erigeron bonariensis Linnaeus
- *canadensis** (Linnaeus) Cronquist var. **canadensis** [M&H; W&S]
 horseweed
Erigeron canadensis Linnaeus
Leptilon canadense (Linnaeus) Britton & Brown
- canadensis** (Linnaeus) Cronquist var. **glabrata** (Gray) Cronquist [M&H; W&S]
 western horseweed
Erigeron canadensis Linnaeus var. *glabrata* Gray
- coulteri* A. Gray = *Laennecia coulteri* (A. Gray) Nesom
- coulteri* Gray var. *tenuisecta* Gray = *Laennecia sopherifolia* (Kunth) Nesom
- purpurascens* Swartz = *Pluchea odorata* (Linnaeus) Cassini
- ramosissima** Cronquist [Spellenberg et al. 1986]
 dwarf horseweed
schiedeana (Lessing) Cronquist = *Laennecia schiedeana* (Lessing) Nesom
- sopherifolia* Kunth = *Laennecia sopherifolia* (Kunth) Nesom
- Coreopsis** tickseed

Cronquist, A. 1994. *Coreopsis*, pp. 44-45. IN: Intermountain Flora, vol. 5. New York Botanical Garden.

Sherff, E.E. 1955. *Coreopsis*, p. 4-40. IN: E.E. Sherff & E.J. Alexander, Compositae-Heliantheae-Coreopsidinae. North Amer. Flora II. pt. 2.

Smith, E.B. 1976. A biosystematic survey of *Coreopsis* in eastern United States and Canada. Sida 6:123-215.

atkinsoniana Douglas ex Lindley = *Coreopsis tinctoria* Nuttall var. *atkinsoniana* (Douglas ex Lindley) H.M. Parker

basalis (A. Dietrich) S.F. Blake var. **wrightii** (Gray) S.F. Blake [Sherff 1955]

rock tickseed, Wright's tickseed

Coreopsis drummondii (D. Don) Torr. & Gray var. *wrightii* Gray

Coreopsis wrightii (Gray) H.M. Parker ex E.B. Smith

californica (Nuttall) Sharsmith [Spellenberg et al. 1993]

Californica tickseed

Coreopsis californica (Nuttall) Sharsmith var. *newberryi* (Gray) E.B. Smith = *Coreopsis californica* (Nuttall) Sharsmith

californica (Nuttall) Sharsmith var. *newberryi* (Gray) E.B. Smith = *Coreopsis californica* (Nuttall) Sharsmith

cardaminifolia (A.P. de Candolle) Torrey & Gray = *Coreopsis tinctoria* Nuttall

drummondii (D. Don) Torrey & Gray var. *wrightii* Gray = *Coreopsis basalis* (A. Dietrich) S.F. Blake var. *wrightii* (Gray) S.F. Blake

grandiflora Hogg ex Sweet [M&H]

large-flower tickseed

Coreopsis grandiflora Hogg ex Sweet var. *harveyana* (Gray) Sherff

grandiflora Hogg ex Sweet var. *harveyana* (Gray) Sherff = *Coreopsis grandiflora* Hogg ex Sweet

lanceolata Linnaeus [M&H]

lance-leaf tickseed

tinctoria Nuttall var. *atkinsoniana* (Douglas ex Lindley) H.M. Parker ex E.B. Small = *Coreopsis tinctoria* Nuttall var. *atkinsoniana* (Douglas ex Lindley) H.M. Parker

tinctoria Nuttall [M&H]

golden tickseed

Calliopsis cardaminifolia A.P. de Candolle

Coreopsis atkinsoniana Douglas ex Lindley

Coreopsis cardaminifolia (A.P. de Candolle) Torrey & Gray

Coreopsis tinctoria Nuttall var. *atkinsoniana* (Douglas ex Lindley) H.M. Parker ex E.B. Small

wrightii (Gray) H.M. Parker ex E.B. Smith = *Coreopsis basalis* (A. Dietrich) S.F. Blake var. *wrightii* (Gray) S.F. Blake

Cosmos cosmos

***bipinnatus** Cavanilles [M&H]

garden cosmos

parviflorus (Jacquin) Humboldt, Bonpland, & Kunth [M&H; W&S]

southwestern cosmos

Cotula brassbuttons

Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 11:8. [*Cotula australis*]

***australis** (Siebold ex Sprengel) Hooker f. [Allred 1999]

southern brassbuttons

Crassina pumila (Gray) Kuntze = *Zinnia acerosa* (A.P. de Candolle) Gray

grandiflora (Nuttall) Kuntze = *Zinnia grandiflora* Nuttall

Crepis hawk's beard

Babcock, E.B. 1947. The genus *Crepis*. Part two, systematic treatment. Univ. Calif. Publ. Bot. 22:199-1030.

Cronquist, A. 1994. *Crepis*, pp. 459-468. IN: Intermountain Flora, vol. 5. New York Botanical Garden.

acuminata Nuttall [M&H; W&S]

long-leaf hawk's beard

Crepis acuminata Nuttall subsp. *pluriflora* Babcock & Stebbins

acuminata Nuttall subsp. *pluriflora* Babcock & Stebbins = *Crepis acuminata* Nuttall

barberi Greene = *Crepis runcinata* Torrey & Gray var. *barberi* (Greene) B.L. Turner

chamaephylla Wooton & Standley = *Crepis runcinata* Torrey & Gray var. *glauca* (Nuttall) Boivin

glauca (Nuttall) Torrey & Gray = *Crepis runcinata* Torrey & Gray var. *glauca* (Nuttall) Boivin

intermedia Gray [Babcock 1947; Kartesz 1999]

limestone hawk's beard

mogollonica Greene = *Crepis runcinata* Torrey & Gray var. *barberi* (Greene) B.L. Turner

neomexicana Wooton & Standley = *Crepis runcinata* Torrey & Gray var. *runcinata*

occidentalis Nuttall [M&H; W&S]

western hawk's beard

perplexans Rydberg = *Crepis runcinata* Torrey & Gray var. *runcinata*

petiolata Rydberg = *Crepis runcinata* Torrey & Gray var. *runcinata*

runcinata (James) Torrey & Gray var. **barberi** (Greene) B.L. Turner [M&H; W&S]

fiddle-leaf hawk's beard

Crepis barberi Greene

Crepis mogollonica Greene

Crepis runcinata Torrey & Gray subsp. *barberi* (Greene) Babcock & Stebbins

runcinata Torrey & Gray subsp. *barberi* (Greene) Babcock & Stebbins = *Crepis runcinata* (James) Torrey & Gray var. *barberi* (Greene) B.L. Turner

runcinata (James) Torrey & Gray var. **glauca** (Nuttall) Boivin [M&H; W&S]

fiddle-leaf hawk's beard

- Crepis chamaephylla* Wooton & Standley
Crepis glauca (Nuttall) Torrey & Gray
Crepis runcinata Torrey & Gray subsp. *glauca* (Nuttall) Babcock & Stebbins
runcinata Torrey & Gray subsp. *glauca* (Nuttall) Babcock & Stebbins = *Crepis runcinata* (James) Torrey & Gray var. *glauca* (Nuttall) Boivin
runcinata (James) Torrey & Gray var. ***runcinata*** [M&H; W&S]
 fiddle-leaf hawk's beard
Crepis neomexicana Wooton & Standley
Crepis perplexans Rydberg
Crepis petiolata Rydberg
- Cyclachaena*** careless-weed
 Strother, J.L. 2000. *Hedosyne* (Compositae, Ambrosiinae), a new genus for *Iva ambrosiifolia*. Madroño 47(3):204-205.
ambrosiifolia (A. Gray) Rydberg = *Hedosyne ambrosiifolia* (A. Gray) Strother
xanthifolia (Nuttall) Fresenius [M&H; W&S]
 careless-weed
Iva xanthifolia Nuttall
- Cynthia viridis* Standley = *Krigia biflora* (Walter) Blake
- Diaperia*** cudweed
 Hershey, A.L. & P.J. Leyendecker, Jr. 1944. Notes on plants of New Mexico -- III. Leaflet. West. Bot. 4(2):21-25. [*Evax prolifera*]
 Morefield, J.D. 2006. *Diaperia*, pp. 460-463. IN: Flora of North America, vol. 19. Oxford University Press, New York.
prolifera (Nuttall ex A.P. de Candolle) Nuttall var. ***barnebyi*** Morefield [Morefield 2006]
 Barneby's cudweed
prolifera (Nuttall ex A.P. de Candolle) Nuttall var. ***prolifera*** [Hershey & Leyendecker 1944; Spellenberg 1984]
 big-head cudweed
Evax prolifera Nuttall ex A.P. de Candolle
Filago prolifera (Nuttall ex A.P. de Candolle) Britton
- verna*** (Rafinesque) Morefield var. ***verna*** [M&H; W&S]
 spring cudweed
Evax multicaulis A.P. de Candolle
Evax verna Rafinesque
Filaginopsis multicaulis Torrey & Gray
- Dicoria*** twinbugs
 Cronquist, A. 1994. *Dicoria*, pp. 57. IN: Intermountain Flora, vol. 5. New York Botanical Garden.
brandegeei Gray = *Dicoria canescens* A. Gray var. *brandegeei* (Gray) Cronquist
canescens A. Gray var. ***brandegeei*** (Gray) Cronquist [M&H; W&S]
 desert twinbugs
Dicoria brandegeei Gray
Dicoria paniculata Eastwood
paniculata Eastwood = *Dicoria canescens* A. Gray var. *brandegeei* (Gray) Cronquist
- Dicranocarpus*** pitchforks
dicranocarpus (Gray) Wooton & Standley = *Dicranocarpus parviflorus* Gray
parviflorus (Gray) Gray [M&H; W&S]
 pitchforks
Dicranocarpus dicranocarpus (Gray) Wooton & Standley
Heterospermum dicranocarpum Gray
Wootonia parviflora (Gray) Greene
- Dieteria***
 Morgan, D.R. & R.L. Hartman. 2003. A synopsis of *Machaeranthera* (Asteraceae: Astereae), with recognition of segregate genera. Sida 20(4):1387-1416.
asteroides Torrey var. ***asteroides*** [M&H; Turner 1987; W&S]
 starry spine-aster
Aster amplifolius (Wooton & Standley) Kittell
Aster canescens Pursh var. *tephrodes* Gray
Aster tephrodes (Gray) Blake
Machaeranthera amplifolia Wooton & Standley
Machaeranthera asteroides (Torrey) Greene
Machaeranthera canescens (Pursh) Gray var. *incana* (Lindley) Gray
Machaeranthera canescens (Pursh) Gray var. *latifolia* Gray
Machaeranthera simplex Wooton & Standley
Machaeranthera tephrodes (Gray) Greene
asteroides Torrey var. ***glandulosa*** (B.L. Turner) Morgan & Hartman [Turner 1987]
 starry spine-aster
Machaeranthera asteroides (Torrey) Greene var. *glandulosa* B.L. Turner
bigelovii (Gray) Morgan & Hartman var. ***bigelovii*** [M&H; Turner 1987; W&S]
 Bigelow's spine-aster
Aster aquifolius (Greene) Blake
Aster bigelovii Gray
Machaeranthera aquifolia Greene

- Machaeranthera bigelovii* (Gray) Greene
Machaeranthera centaureoides Greene
Machaeranthera rubricaulis Rydberg
- canescens** (Pursh) Nuttall var. **ambigua** (B. Turner) Morgan & Hartman [M&H; Turner 1987; W&S]
sand-daisy
Machaeranthera canescens (Pursh) Gray var. *ambigua* B. Turner
Machaeranthera angustifolia Wooton & Standley
- canescens** (Pursh) Nuttall var. **aristata** (Eastwood) Morgan & Hartman [Turner 1987; W&S]
sand-daisy
Machaeranthera canescens (Pursh) Gray var. *aristata* (Eastwood) B. Turner
Machaeranthera cichoriacea Greene
- canescens (Pursh) Nuttall s.s. : Not known from NM according to Turner (1987).
Aster canescens Pursh
Aster rubrotinctus Blake
Machaeranthera canescens (Pursh) Gray
Machaeranthera viscosa (Nuttall) Greene
- canescens** (Pursh) Nuttall var. **glabra** (Gray) Morgan & Hartman [M&H; Turner 1987; W&S]
smooth sand-daisy
Aster linearis (Greene) Cory
Machaeranthera canescens (Pursh) Gray var. *glabra* Gray
Machaeranthera linearis Greene
- coronopifolia* Nuttall = *Machaeranthera tanacetifolia* (Humboldt, Bonpland, & Kunth) Nees
gracilis Nuttall = *Xanthisma gracile* (Nuttall) Morgan & Hartman
- Donia squarrosa* Pursh = *Grindelia squarrosa* (Pursh) Dunal
Dracopis amplexicaulis (Vahl) Cassini = *Rudbeckia amplexicaulis* Vahl
Dugaldia hoopesii (Gray) Rydberg = *Hymenoxys hoopesii* (A. Gray) Bierner
- Dyssodia** fetid-marigold
Strother, J.L. 1969. Systematics of *Dyssodia* Cavanilles (Compositae: Tageteae). Univ. Calif. Pub. Bot. 48:1-86.
Strother, J.L. 1986. Renovation of *Dyssodia* (Compositae: Tageteae). Sida 11:371-378.
acerosa A.P. de Candolle = *Thymophylla acerosa* (A.P. de Candolle) Strother
aurea (Gray) A. Nelson = *Thymophylla aurea* (Gray) Greene ex Britton
hartwegii (Gray) Robinson = *Thymophylla pentachaeta* (A.P. de Candolle) Small var. *hartwegii* (Gray) Strother
neomexicana (Gray) Robinson = *Adenophyllum wrightii* Gray
- papposa** (Ventenat) Hitchcock [M&H; W&S]
fetid-marigold
Boebera papposa (Ventenat) Rydberg
Tagetes papposa Ventenat
- pentachaeta* (A.P. de Candolle) Robinson = *Thymophylla pentachaeta* (A.P. de Candolle) Small var. *pentachaeta*
polychaeta (Gray) Robinson = *Thymophylla aurea* (Gray) Greene var. *polychaeta* (Gray) Strother
setifolia (Lagasca) Robinson var. *greggii* (Gray) Shinnars = *Thymophylla setifolia* Lagasca var. *radiata* (Gray) Strother
setifolia (Lagasca) Robinson var. *radiata* (Gray) Strother = *Thymophylla setifolia* Lagasca var. *radiata* (Gray) Strother
thurberi (Gray) Robinson = *Thymophylla pentachaeta* (A.P. de Candolle) Small var. *belenidium* (A.P. de Candolle) Strother
- Echinacea** coneflower
Binns, S.E., B.R. Baum, & J.T. Arnason. 2002. A taxonomic revision of *Echinacea* (Asteraceae: Heliantheae). Syst. Bot. 27(3):610-632.
- angustifolia** A.P. de Candolle [M&H]
purple coneflower
Brauneria angustifolia (A.P. de Candolle) Heller
Echinacea pallida (Nuttall) Nuttall var. *angustifolia* (A.P. de Candolle) Cronquist
- pallida* (Nuttall) Nuttall var. *angustifolia* (A.P. de Candolle) Cronquist = *Echinacea angustifolia* A.P. de Candolle
- Eclipta** false daisy
alba (Linnaeus) Hasskarl = *Eclipta prostrata* (Linnaeus) Linnaeus
erecta Linnaeus = *Eclipta prostrata* (Linnaeus) Linnaeus
***prostrata** (Linnaeus) Linnaeus
false daisy
Eclipta alba (Linnaeus) Hasskarl
Eclipta erecta Linnaeus
Verbesina alba Linnaeus
- Encelia** brittlebush
Clark, C. 2006. *Encelia*, pp. 118-122. IN: Flora of North America, vol. 21. Oxford University Press.
exaristata (Gray) Gray = *Simsia lagascaeformis* A.P. de Candolle
frutescens Gray var. *virginensis* (A. Nelson) Blake = *Encelia virginensis* A. Nelson
virginensis A. Nelson [M&H]
Virgin River brittlebush
Encelia frutescens Gray var. *virginensis* (A. Nelson) Blake
microcephala Gray = *Helianthella microcephala* (Gray) Gray
- scaposa** (Gray) Gray [M&H; W&S]
one-head brittlebush
Simsia scaposa Gray

Engelmannia Engelmann's daisy

- Goodman, G.J. and C.A. Lawson. 1992. Two new combinations and a name change from the Long Expedition of 1820. *Rhodora* 94:381.
Turner, B.L. 1956. Chromosome numbers and geographic distribution of *Lindheimeria*, *Engelmannia*, and *Berlandiera*. *Southwestern Naturalist* 1:128-131.

peristenia (Rafinesque) Goodman & Lawson [M&H; W&S]

Engelmann's daisy

Engelmannia pinnatifida Torrey & Gray

pinnatifida Torrey & Gray = *Engelmannia peristenia* (Rafinesque) Goodman & Lawson

Ericameria goldenbush

- Anderson, L.C. 1978. New taxa in *Chrysothamnus*, section *Nauseosi* (Asteraceae). *Phytologia* 38:309-320.
Anderson, L.C. 1980. Morphology and biogeography of *Chrysothamnus nauseosus* ssp. *texensis* (Asteraceae): a new Guadalupe Mountains endemic. *Southw. Naturalist* 25:197-206.
Anderson, L.C. 1986. An overview of the genus *Chrysothamnus* (Asteraceae), pp. 29-45, IN: E.D. McArthur & B.L. Welsh (compilers). *Proceedings -- Symposium on the Biology of Artemisia and Chrysothamnus*. USDA For. Serv. Gen. Tech. Rep. INT-200.
Anderson, L.C. 1995. The *Chrysothamnus-Ericameria* connection (Asteraceae). *Great Basin Nat.* 55(1):84-88.
Nesom, G.L. 1990. Taxonomic summary of *Ericameria* (Asteraceae: Astereae), with the inclusion of *Haplopappus* sects. *Macronema* and *Asiris*. *Phytologia* 68(2):144-155.
Nesom, G.L. and G.I. Baird. 1993. Completion of *Ericameria* (Asteraceae: Astereae), diminution of *Chrysothamnus*. *Phytologia* 75(1):74-93.
Sivinski, R. 2001. New plant distribution records. *The New Mexico Botanist* 19:3. [*Ericameria parryi affinis*]
Urbatsch, L.E. 1978. The Chihuahuan desert species of *Ericameria* (Compositae: Astereae). *Sida* 7(3):298-303.
Urbatsch, L.E., L.C. Anderson, R.P. Roberts, & K.M. Neubig. 2006. *Ericameria*, p. 50-77. IN: *Flora of North America*, vol. 20. Oxford University Press, New York.

cuneata (Gray) McClatchie var. **spathulata** (Gray) H.M. Hall [M&H]

cliff goldenbush

Bigelovia spathulata Gray

Haplopappus cuneatus Gray var. *spathulatus* (Gray) Blake

depressa (Nuttall) L.C. Anderson = *Chrysothamnus depressus* Nuttall

filifolia (Rydberg) L.C. Anderson = *Chrysothamnus greenei* (Gray) Greene

laricifolia (Gray) Shinnery [M&H; W&S]

turpentine bush

Chrysoma laricifolia (Gray) Greene

Haplopappus laricifolius Gray

linearifolia (A.P. de Candolle) Urbatsch & Wussow [Urbatsch et al. 2006]

narrowleaf goldenbush

linifolia (Greene) L.C. Anderson = *Lorandersonia linifolia* (Greene) Urbatsch, Roberts & Neubig

microcephala (Cronquist) Kartesz & Gandhi = *Lorandersonia microcephala* (Cronquist)

nauseosa (Pallas ex Pursh) Nesom & Baird var. **arenaria** (L.C. Anderson) Nesom & Baird [Anderson 1986]

rubber rabbitbrush

Chrysothamnus nauseosus (Pallas ex Pursh) Britton subsp. *arenarius* Anderson

nauseosa (Pallas ex Pursh) Nesom & Baird var. **bigelovii** (Torrey) Nesom & Baird [Anderson 1986; M&H; W&S]

Bigelow's rabbitbrush

Chrysothamnus bigelovii (Gray) Greene

Chrysothamnus nauseosus (Pallas ex Pursh) Britton subsp. *bigelovii* (Gray) Hall & Clements

Linosyris bigelovii Gray

nauseosa (Pallas ex Pursh) Nesom & Baird var. **arta** (A. Nelson) Nesom & Baird = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *oreophila* (A. Nelson) Nesom & Baird

nauseosa (Pallas ex Pursh) Nesom & Baird var. **graveolens** (Nuttall) Reveal & Schuyler [Anderson 1986; M&H; W&S]

rubber rabbitbrush

Bigelovia graveolens (Nuttall) Gray

Chrysocoma graveolens Nuttall

Chrysothamnus confinis Greene

Chrysothamnus graveolens (Nuttall) Greene

Chrysothamnus nauseosus (Pallas ex Pursh) Britton subsp. *graveolens* (Nuttall) Hall & Clements

Ericameria nauseosa (Pallas ex Pursh) Nesom & Baird var. *glabrata* (A. Gray) Nesom & Baird

nauseosa (Pallas ex Pursh) Nesom & Baird var. **hololeuca** (A. Gray) Nesom & Baird [Anderson 1986; M&H]

rubber rabbitbrush

Chrysothamnus nauseosus (Pallas ex Pursh) Britton subsp. *gnaphalodes* (Greene) Hall

nauseosa (Pallas ex Pursh) Nesom & Baird var. *juncea* (Greene) Nesom & Baird : Reported by M&H, but excluded from NM by Urbatsch et al. (2006); verification needed.

Chrysothamnus junceus Greene

Chrysothamnus nauseosus (Pallas ex Pursh) Britton subsp. *junceus* (Greene) Hall

nauseosa (Pallas ex Pursh) Nesom & Baird var. **latisquamea** (A. Gray) Nesom & Baird [Anderson 1986; M&H; W&S]

rubber rabbitbrush

Bigelovia graveolens (Nuttall) Gray var. *appendiculata* Eastwood

Bigelovia graveolens (Nuttall) Gray var. *latisquamea* Gray

Chrysothamnus appendiculatus (Eastwood) Heller

Chrysothamnus latisquameus (Gray) Greene

Chrysothamnus nauseosus (Pallas ex Pursh) Britton subsp. *latisquameus* (Gray) H. & S.

nauseosa (Pallas ex Pursh) Nesom & Baird var. *nauseosa* : Reported by M&H, but the map in Anderson 1986 shows that this taxon is not likely to be found in NM, and not reported for the state in Urbatsch et al. (2006)

Chrysothamnus nauseosus (Pallas ex Pursh) Britton subsp. *nauseosus*
Chrysothamnus nauseosus (Pallas ex Pursh) Britton subsp. *typicus* Hall & Clements
nauseosa (Pallas ex Pursh) Nesom & Baird var. ***nitida*** (L.C. Anderson) Nesom & Baird [Anderson 1986]
 rubber rabbitbrush
Chrysothamnus nauseosus (Pallas ex Pursh) Britton subsp. *nitidus* Anderson
nauseosa (Pallas ex Pursh) Nesom & Baird var. ***oreophila*** (A. Nelson) Nesom & Baird
 rubber rabbitbrush
Chrysothamnus nauseosa (Pallas ex Pursh) Nesom & Baird var. *arta* (A. Nelson) Nesom & Baird
Chrysothamnus nauseosus (Pallas ex Pursh) Britton subsp. *consimilis* (Greene) Hall & Clements
Chrysothamnus nauseosus (Pallas ex Pursh) Britton subsp. *pinifolius* (Greene) Hall & Clements
Chrysothamnus pinifolius Greene
nauseosa (Pallas ex Pursh) Nesom & Baird var. *speciosa* (Nuttall) Nesom & Baird : Reported by M&H, but not by Urbatsch et al. (2006);
 awaits verification.
Chrysothamnus formosus Greene
Chrysothamnus nauseosus (Pallas ex Pursh) Britton subsp. *speciosus* (Nuttall) Hall & Clements
Chrysothamnus pulcherrimus A. Nelson
Chrysothamnus speciosus Nuttall
nauseosa (Pallas ex Pursh) Nesom & Baird var. ***texensis*** (L.C. Anderson) Nesom & Baird [Anderson 1980]
 rubber rabbitbrush
Chrysothamnus nauseosus (Pallas ex Pursh) Britton subsp. *texensis* Anderson
nauseosa (Pallas ex Pursh) Nesom & Baird var. ***turbinata*** (M.E. Jones) Nesom [Heil et al. 2002]
 rubber rabbitbrush
parryi (A. Gray) Nesom & Baird var. ***affinis*** (A. Nelson) Nesom & Baird [Sivinski 2001]
 Parry's rabbitbrush
Chrysothamnus parryi (Gray) Greene subsp. *affinis* (A. Nelson) L.C. Anderson
parryi (A. Gray) Nesom & Baird var. ***attenuata*** (M.E. Jones) Nesom & Baird [Anderson 1986; M&H; W&S]
 Parry's rabbitbrush
Chrysothamnus newberryi Rydberg
Chrysothamnus parryi (Gray) Greene subsp. *attenuatus* (M.E. Jones) Hall & Clements
parryi (A. Gray) Nesom & Baird var. ***howardii*** (Parry ex A. Gray) Nesom & Baird [Anderson 1986; M&H]
 Howard's rabbitbrush
Chrysothamnus howardii (Parry ex A. Gray) Greene
Chrysothamnus parryi (Gray) Greene subsp. *howardii* (Parry ex A. Gray) Hall & Clements
parryi (A. Gray) Nesom & Baird var. ***parryi*** [Anderson 1986]
 Parry's rabbitbrush
Chrysothamnus parryi (Gray) Greene
pulchella (Gray) L.C. Anderson subsp. *baileyi* (Wooton & Standley) L.C. Anderson = *Lorandersonia baileyi* (Wooton & Standley)
 Urbatsch, Roberts & Neubig
pulchella (Gray) L.C. Anderson var. *elatio*r (Standley) L.C. Anderson = *Lorandersonia pulchella* (Gray) Urbatsch, Roberts & Neubig
pulchella (Gray) L.C. Anderson var. *pulchella* = *Lorandersonia pulchella* (Gray) Urbatsch, Roberts & Neubig
spathulata (L.C. Anderson) L.C. Anderson = *Lorandersonia spathulata* (L.C. Anderson) Urbatsch, Roberts & Neubig
vaseyi (Gray) L.C. Anderson = *Chrysothamnus vaseyi* (Gray) Greene
viscidiflora (Hooker) L.C. Anderson subsp. *lanceolata* (Nuttall) L.C. Anderson = *Chrysothamnus viscidiflorus* (Hooker) Nuttall var.
lanceolata (Nuttall) Greene
viscidiflora (Hooker) L.C. Anderson var. *stenophylla* (A. Gray) L.C. Anderson = *Chrysothamnus viscidiflorus* (Hooker) Nuttall var.
viscidiflorus
viscidiflora (Hooker) L.C. Anderson var. *viscidiflora* = *Chrysothamnus viscidiflorus* (Hooker) Nuttall var. *viscidiflorus*

Erigeron fleabane

- Allred, K.W. 1999. New plant distribution records. *The New Mexico Botanist* 13:7. [*Erigeron annuus*]
 Cronquist, A. 1947. Revision of the North American species of *Erigeron*, north of Mexico. *Brittonia* 6:122-302.
 Cronquist, A. 1994. *Erigeron*, pp. 305-351. IN: Intermountain Flora, vol. 5. New York Botanical Garden.
 DeJong, D.C.D. & G.L. Nesom. 1996. Chromosome counts in Mexican *Erigeron*. *Madroo* 43(3):384-392.
 Hartman, R.L. 2003. Preliminary checklist of the vascular plants of Valles Caldera National Preserve, New Mexico. Distributed by the author
 <rhartman@uwyo.edu>. [*Erigeron acris asteroides*]
 Hartman, R.L., B. Reif, B.E. Nelson, & B. Jacobs. 2006. New vascular plant records for New Mexico. *Sida* 22(2):1225-1233.
 Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. *The New Mexico Botanist* 24:1-4. [*E. compactus consimilis*, *E. engelmannii*]
 Heil, K. 2004. Plant distribution reports. *The New Mexico Botanist* 31:2. [*Erigeron abajensis*]
 Nesom, G.L. 1978. Chromosome numbers in *Erigeron* and *Conyza* (Compositae). *Sida* 7:375-381.
 Nesom, G.L. 1978. *Erigeron hessii* sp. nov. and *Erigeron kuscheri* Eastwood (Compositae), two closely related narrow endemics from the southwestern United States. *Brittonia* 30(4):440-446.
 Nesom, G.L. 1982. Systematics of the *Erigeron rusbyi* group (Asteraceae) and delimitation of sect. *Peregrinus*. *Syst. Bot.* 7(4):457-470.
 Nesom, G.L. 1983. Taxonomy of *Erigeron concinnus* (Asteraceae) and its separation from *E. pumilus*. *Sida* 10:159-166.
 Nesom, G.L. 1989. Taxonomy of *Erigeron* sect. *Polyactis* (Compositae: Astereae). *Phytologia* 66(5):415-455.
 Nesom, G.L. 1989. Infrageneric taxonomy of New World *Erigeron* (Compositae: Astereae). *Phytologia* 67(1):67-93.
 Nesom, G.L. 1990. Taxonomy of *Erigeron bellidiastrum* (Asteraceae: Astereae), with a new variety. *Phytologia* 69(3):163-168.
 Nesom, G.L. 1991. A new species of *Erigeron* (Asteraceae: Astereae) from northwestern New Mexico. *Phytologia* 71(5):416-419. [*Erigeron sivinskii*]
 Nesom, G.L. 1992. Taxonomic notes on *Erigeron* (Asteraceae: Astereae) of California, Nevada, and Arizona. *Phytologia* 73(3):186-202.
 Nesom, G.L. 2004. Taxonomic reevaluations in North American *Erigeron* (Asteraceae: Astereae). *Sida* 21(1):19-39.
 Nesom, G.L. 2004. *Erigeron peregrinus* and *Erigeron glacialis* (Asteraceae: Astereae). *Sida* 21(2):665-672.
 Nesom, G.L. 2006. *Erigeron*, p. 256-348. IN: *Flora of North America*, vol. 20. Oxford University Press.

Nesom, G.L. and B. Hevron. 1995. *Erigeron bistiensis* (Asteraceae: Astereae): A new species from northwestern New Mexico. Madroo 42:12-18.
Nesom, G.L. & D.F. Murray. 2004. Notes on North American arctic and boreal species of *Erigeron* (Asteraceae: Astereae). Sida 21(1):41-57.
Nesom, G.L. & V.D. Roth. 1981. *Erigeron scopulinus* (Compositae), an endemic from the southwestern United States. J. Ariz.-Nev. Acad. Sci. 16:39-42.
Spellenberg, R. and P. Knight. 1989. A new species of *Erigeron* (Asteraceae) from central New Mexico. Madroño 36:115-121. [*Erigeron acomanus*]
Tonne, P. & T.K. Lowrey. 1998. An analysis of taxonomic boundaries between *Erigeron pulcherrimus* and *Erigeron bistiensis*. Report for Energy, Minerals and Natural Resources Department, State of New Mexico.

abajoensis Cronquist [Heil 2004]

Abajo fleabane

accedens Greene = *Erigeron divergens* Torrey & Gray

+acomanus Spellenberg & Knight [Spellenberg & Knight 1989]

Acoma fleabane

acris Linnaeus var. **kamtschaticus** (A.P. de Candolle) Herder [Hartman 2003]

bitter fleabane

acris Linnaeus var. *asteroides* (Andrzejowski ex Besser) A.P. de Candolle : This name restricted by Nesom (2006) and others for Eurasian endemics. North American plants are referred to *Erigeron acris* Linnaeus var. *kamtschaticus* (A.P. de Candolle) Herder.

acris Linnaeus var. *debilis* Gray = *Erigeron nivalis* Nuttall

annuus (Linnaeus) Persoon of NM reports = *Erigeron strigosus* Muhlenberg ex Willdenow

aphanactis (Gray) Greene [M&H; W&S]

shaggy fleabane

Erigeron concinnus (Hooker & Arnott) Torrey & Gray var. *aphanactis* Gray

arenarius Greene = *Erigeron bellidiastrum* Nuttall var. *arenarius*

arizonicus A. Gray [M&H; W&S]

Arizona fleabane

Erigeron rusbyi Gray

bakeri Wooton & Standley = *Erigeron subtrinervis* Rydberg

bellidiastrum Nuttall var. **arenarius** (Greene) Nesom [Nesom 1990; W&S]

western fleabane

Erigeron arenarius Greene

bellidiastrum Nuttall var. **bellidiastrum** [M&H; W&S]

western fleabane

Erigeron bellidiastrum Nuttall var. *typicus* Cronquist

Erigeron eastwoodiae Wooton & Standley

bellidiastrum Nuttall var. **robustus** Cronquist [M&H]

western fleabane

bellidiastrum Nuttall var. *typicus* Cronquist = *Erigeron bellidiastrum* Nuttall var. *bellidiastrum*

bigelovii Gray [M&H]

Bigelow's fleabane

bonariensis Linnaeus = *Conyza bonariensis* (Linnaeus) Cronquist

brandegeei Gray : Reported as expected by M&H; awaits verification.

bistiensis Nesom & Hevron = *Erigeron pulcherrimus* Heller

caespitosus Nuttall [M&H; W&S]

tufted fleabane

callianthemus Greene = *Erigeron glacialis* (Nuttall) A. Nelson var. *glacialis*

canadensis Linnaeus = *Conyza canadensis* (Linnaeus) Cronquist var. *canadensis*

canadensis Linnaeus var. *glabrata* Gray = *Conyza canadensis* (Linnaeus) Cronquist var. *glabrata* (Gray) Cronquist

canus Gray [M&H; W&S]

hoary fleabane

Wyomingia cana (Gray) A. Nelson

colomexicanus A. Nelson = *Erigeron tracyi* Greene

commixtus Greene = *Erigeron flagellaris* Gray

compactus Blake var. *consimilis* (Cronquist) S.F. Blake = *Erigeron consimilis* Cronquist

compositus Pursh var. *glabratus* Macoun (= *Erigeron compositus* Pursh) : Reported as expected by M&H; awaits verification.

Erigeron compositus Pursh var. *multifidus* (Rydberg) Macbride & Payson

Erigeron multifidus Rydberg

compositus Pursh var. *multifidus* (Rydberg) Macbride & Payson = *Erigeron compositus* Pursh

compositus Pursh var. *pinnatisectus* Gray = *Erigeron pinnatisectus* (Gray) A. Nelson

concinnus (Hooker & Arnott) Torrey & Gray var. *aphanactis* Gray = *Erigeron aphanactis* (Gray) Greene

concinnus (Hooker & Arnott) Torrey & Gray var. **concinnus** [M&H; W&S]

Navajo fleabane

Erigeron pumilus Nuttall subsp. *concinoides* Cronquist

Erigeron setulosus Greene

concinnus (Hooker & Arnott) Torrey & Gray var. **condensatus** D.C. Eaton [Nesom 1983]

Navajo fleabane

concinnus (Hooker & Arnott) Torrey & Gray var. **subglaber** [Nesom 1983]

Navajo fleabane

consimilis Cronquist [Heil et al. 2002]

San Rafael fleabane

Erigeron compactus Blake var. *consimilis* (Cronquist) S.F. Blake
coulteri Porter [M&H; W&S]
 Coulter's fleabane
delphinifolius Willdenow subsp. *neomexicanus* (Gray) Cronquist = *Erigeron neomexicanus* Gray
delphinifolius Willdenow subsp. *neomexicanus* (Gray) Cronquist var. *oreophilus* (Greenman) Cronquist = *Erigeron oreophilus* Greenman
deminutus Wooton & Standley = *Erigeron formosissimus* Greene
divergens Torrey & Gray [M&H; W&S]
 spreading fleabane
Erigeron accedens Greene
Erigeron divergens Torrey & Gray var. *typicus* Cronquist
Erigeron wootonii Rydberg
divergens Torrey & Gray var. *cinereus* Gray = *Erigeron tracyi* Greene
divergens Torrey & Gray var. *nudiflorus* A. Nelson = *Erigeron flagellaris* Gray
divergens Torrey & Gray var. *typicus* Cronquist = *Erigeron divergens* Torrey & Gray
eastwoodiae Wooton & Standley = *Erigeron bellidiastrum* Nuttall var. *bellidiastrum*
eatonii Gray [Heil et al. 2002; W&S]
 Eaton's fleabane
elator (Gray) Greene [M&H]
 tall fleabane
engelmannii A. Nelson [Heil et al. 2002]
 Engelmann's fleabane
eximius Greene [M&H; W&S]
 spruce-fir fleabane
Erigeron superbus Greene ex Rydberg
flagellaris Gray [M&H; W&S]
 whiplash fleabane
Erigeron commixtus Greene
Erigeron divergens Torrey & Gray var. *nudiflorus* A. Nelson
Erigeron flagellaris Gray var. *typicus* Cronquist
Erigeron macdougallii Heller
Erigeron nudiflorus Buckley
Erigeron senilis Wooton & Standley
Erigeron tonsus Wooton & Standley
flagellaris Gray var. *typicus* Cronquist = *Erigeron flagellaris* Gray
formosissimus Greene var. **formosissimus** [M&H; W&S]
 beautiful fleabane
Erigeron deminutus Wooton & Standley
Erigeron formosissimus Greene var. *typicus* Cronquist
Erigeron mogollonicus Greene
Erigeron pecosensis Standley
Erigeron smithii Rydberg
formosissimus Greene var. *typicus* Cronquist = *Erigeron formosissimus* Greene var. *formosissimus*
formosissimus Greene var. **viscidus** (Rydberg) Cronquist [M&H; W&S]
Erigeron viscidus Rydberg
formosissimus Greene var. *viscidus* (Rydberg) Cronquist = *Erigeron formosissimus* Greene
gilensis Wooton & Standley = *Erigeron versicolor* (Greenman) Nesom
glabellus Nuttall [M&H; W&S]
 streamside fleabane
glacialis (Nuttall) A. Nelson var. **glacialis** [M&H; W&S]
 subalpine fleabane
Erigeron callianthemus Greene
Erigeron peregrinus (Banks ex Pursh) Greene subsp. *callianthemus* (Greene) Cronquist
Erigeron salsuginosus (Richardson) Gray
grayi Heller = *Erigeron pulcherrimus* Heller
grandiflorus Hooker [M&H; W&S]
 large-flower fleabane
Erigeron leucotrichus Rydberg
Erigeron simplex Greene
Erigeron uniflorus auct.
+hessii Nesom [Nesom 1978]
 Hess's fleabane
leiomerus Gray [M&H; W&S]
 rockslide fleabane
leiophyllus Greene = *Erigeron speciosus* (Lindley) A.P. de Candolle
leucotrichus Rydberg = *Erigeron simplex* Greene
lonchophyllus Hooker [M&H; W&S]

short-ray fleabane

Erigeron minor (Hooker) Rydberg
macdougallii Heller = *Erigeron flagellaris* Gray
macranthus Nuttall = *Erigeron speciosus* (Lindley) A.P. de Candolle var. *macranthus* (Nuttall) Cronquist
melanocephalus (A. Nelson) A. Nelson [M&H; W&S]

black-head fleabane

Erigeron uniflorus Linnaeus var. *melanocephalus* A. Nelson
minor (Hooker) Rydberg = *Erigeron lonchophyllus* Hooker
modestus Gray [M&H; W&S]

plains fleabane

mogollonicus Greene = *Erigeron formosissimus* Greene
multifidus Rydberg = *Erigeron compositus* Pursh
nematophyllus Rydberg : Reported by W&S, but restricted to southern Wyoming and northern Utah and Colorado; NM plants are referred to *Erigeron sivitinskii* Nesom

neomexicanus Gray [M&H; W&S]

New Mexico fleabane

Erigeron delphinifolius Willdenow subsp. *neomexicanus* (Gray) Cronquist
nivalis Nuttall [Hartman et al. 2006; Nesom 2006]

snowy fleabane

Erigeron acris Linnaeus var. *debilis* Gray
nudiflorus Buckley = *Erigeron flagellaris* Gray
oreophilus Greenman [Nesom 1989]

chaparral fleabane

Erigeron delphinifolius Willdenow subsp. *neomexicanus* (Gray) Cronquist var. *oreophilus* (Greenman) Cronquist
pecosensis Standley = *Erigeron formosissimus* Greene
peregrinus (Banks ex Pursh) Greene s.s. : Restricted to Pacific Northwest (Nesom 2004)
peregrinus (Banks ex Pursh) Greene subsp. *callianthemus* (Greene) Cronquist = *Erigeron glacialis* (Nuttall) A. Nelson var. *glacialis*
philadelphicus Linnaeus var. ***philadelphicus*** [M&H; W&S]

Philadelphia fleabane

pinnatisectus (Gray) A. Nelson [M&H; W&S]
feather-leaf fleabane

Erigeron compositus Pursh var. *pinnatisectus* Gray
platyphyllus Greene = *Erigeron vreelandii* Greene

pulcherrimus Heller [M&H; W&S]

basin fleabane

Erigeron bistiensis Nesom & Hevron
Erigeron grayi Heller
Erigeron pulcherrimus Heller var. *typicus* Cronquist
Erigeron pulcherrimus Heller var. *wyomingia* (Rydberg) Cronquist
Erigeron wyomingia Rydberg
Wyomingia cinerea A. Nelson
Wyomingia pulcherrima A. Nelson
pulcherrimus Heller var. *typicus* Cronquist = *Erigeron pulcherrimus* Heller
pulcherrimus Heller var. *wyomingia* (Rydberg) Cronquist = *Erigeron pulcherrimus* Heller
pumilus Nuttall subsp. *concinoides* Cronquist = *Erigeron concinnus* (Hooker & Arnott) Torrey & Gray
pumilus Nuttall var. ***pumilus*** [Nesom 1992]

pygmy fleabane

rhizomatus Cronquist [M&H]

Zuni fleabane

rudis Wooton & Standley = *Erigeron vreelandii* Greene
rusbyi Gray = *Erigeron arizonicus* A. Gray

+***rybius*** Nesom [Nesom 1982]

Sacramento Mt. fleabane

salsuginosus (Richardson) Gray = *Erigeron glacialis* (Nuttall) A. Nelson var. *glacialis*
schiedeanus Lessing = *Laennecia schiedeana* (Lessing) Nesom
scopulinus Nesom and Roth [Nesom & Roth 1981]

Rocky Mountain fleabane

semirasus Wooton & Standley = *Erigeron vreelandii* Greene
senilis Wooton & Standley = *Erigeron flagellaris* Gray
setulosus Greene = *Erigeron concinnus* (Hooker & Arnott) Torrey & Gray
simplex Greene = *Erigeron grandiflorum* Hooker
sivitinskii Nesom [Nesom 1991]

Sivinski's fleabane

smithii Rydberg = *Erigeron formosissimus* Greene

sparisifolius Eastwood [M&H] Note: Not reported for NM by Nesom (2006); perhaps warrants verification.

canyon fleabane

Erigeron utahensis Gray var. *sparsifolius* (Eastwood) Cronquist
speciosus (Lindley) A.P. de Candolle [M&H; W&S]
 aspen fleabane
Erigeron leiophyllus Greene
Erigeron macranthus Nuttall
Erigeron speciosus (Lindley) A.P. de Candolle var. *macranthus* (Nuttall) Cronquist
Erigeron speciosus (Lindley) A.P. de Candolle var. *typicus* Cronquist
speciosus (Lindley) A.P. de Candolle var. *typicus* Cronquist = *Erigeron speciosus* (Lindley) A.P. de Candolle
stenophyllus Gray = *Erigeron utahensis* A. Gray
strigosus Muhlenberg ex Willdenow [Allred 1999; Nesom 2006]
 eastern fleabane
Erigeron annuus (Linnaeus) Persoon of NM reports
Erigeron annuus (Linnaeus) Persoon subsp. *strigosus* (Muhlenberg ex Willdenow) Wagenitz
 +**subglaber** Cronquist [M&H]
 hairless fleabane
subtrinervis Rydberg ex Porter & Britton [M&H; W&S]
 three-nerve fleabane
Erigeron bakeri Wooton & Standley
Erigeron subtrinervis Rydberg ex Porter & Britton subsp. *typicus* Cronquist
subtrinervis Rydberg ex Porter & Britton subsp. *typicus* Cronquist = *Erigeron subtrinervis* Rydberg ex Porter & Britton
superbus Greene ex Rydberg = *Erigeron eximius* Greene
tonsus Wooton & Standley = *Erigeron flagellaris* Gray
tracyi Greene [M&H; W&S]
 running fleabane
Erigeron colomexicanus A. Nelson
Erigeron divergens Torrey & Gray var. *cinereus* Gray
uniflorus auct. = *Erigeron simplex* Greene
ursinus D.C. Eaton [Spellenberg et al. 1986]
 Bear River fleabane
utahensis A. Gray [Nesom 2006; W&S]
 Utah fleabane
Erigeron stenophyllus Gray
uniflorus Linnaeus var. *melanocephalus* A. Nelson = *Erigeron melanocephalus* (A. Nelson) A. Nelson
utahensis Gray var. *sparsifolius* (Eastwood) Cronquist = *Erigeron sparsifolius* Eastwood
versicolor (Greenman) Nesom [M&H; W&S]
 bald fleabane
Achaetogeron versicolor Greenman
Erigeron gilensis Wooton & Standley
Achaetogeron chihuahuensis Larsen ex Blake
vetensis Rydberg [M&H; W&S]
 blue-top fleabane
viscidus Rydberg = *Erigeron formosissimus* Greene
vreelandii Greene [M&H; W&S]
 broad-leaf fleabane
Erigeron platyphyllus Greene
Erigeron rudis Wooton & Standley
Erigeron semirasus Wooton & Standley
wootonii Rydberg = *Erigeron divergens* Torrey & Gray
wyomingia Rydberg = *Erigeron pulcherrimus* Heller var. *pulcherrimus*
Eriocarpum wootonii Greene = *Xanthisma spinulosum* (Pursh) Morgan & Hartman var. *spinulosum*
Eriophyllum Easter-bonnets
 Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Eriophyllum lanosum*]
lanosum (Gray) Gray [Allred 1999]
 Easter-bonnets
Antheropeas lanosum (Gray) Rydberg
oblongifolium (Gray) Kuntze = *Platyschkuhria integrifolia* (Gray) Rydberg var. *oblongifolia* (Gray) Ellison
pedatum (Gray) Kuntze = *Bahia pedata* Gray
Erythemia grandiflora Nuttall = *Lygodesmia grandiflora* (Nuttall) Torrey & Gray
Eschenbachia coulteri (A. Gray) Rydberg = *Laennecia coulteri* (A. Gray) Nesom
tenuisecta (Gray) Wooton & Standley = *Laennecia sophiifolia* (Kunth) Nesom
Eucephalus formosus Greene = *Eurybia glauca* (Nuttall) Nesom
glauca Nuttall = *Eurybia glauca* (Nuttall) Nesom
Eupatorium thoroughwort
 King, R.M. & H. Robinson. 1987. The genera of the Eupatorieae (Asteraceae). Monogr. Syst. Bot. 22.
 Schilling, E.E., J.L. Panero, & P.B. Cox. 1999. Chloroplast DNA restriction site data support a narrowed interpretation of *Eupatorium* (Asteraceae). Plant Syst. Evol. 219:209-223.
arizonicum Greene = *Ageratina herbacea* (Gray) R.M. King & H.E. Robinson

bruneri Gray = *Eutrochium maculatum* (Linnaeus) E.E. Lamont var. *bruneri* (Gray) E.E. Lamont
fendleri (Gray) Gray = *Brickelliastrum fendleri* (Gray) King & H.E. Robinson
greggii Gray = *Conoclinium dissectum* Gray
herbaceum (Gray) Greene = *Ageratina herbacea* (Gray) R.M. King & H.E. Robinson
maculatum Linnaeus var. *bruneri* (Gray) Breitung = *Eutrochium maculatum* (Linnaeus) E.E. Lamont var. *bruneri* (Gray) E.E. Lamont
pycnocephalum sensu NM authors = *Fleischmannia sonora* (Gray) King & Robinson
rothrockii Gray = *Ageratina rothrockii* (Gray) R.M. King & H.E. Robinson
solidaginifolium Gray = *Koanophyllon solidaginifolium* (Gray) R.M. King & H.E. Robinson
wrightii Gray = *Ageratina wrightii* (Gray) R.M. King & H.E. Robinson
Eurybia glauca (Nuttall) Nesom var. *glauca* = *Herrickia glauca* (Nuttall) Brouillet
horrida (Wootton & Standley) Nesom = *Herrickia horrida* Wootton & Standley

Euthamia goldentop
 Fernald, M.L. 1950. Gray's Manual of Botany. 8th ed. Repr. by Dioscorides Press, Portland Oregon. 1632 pp. [*Euthamia graminifolia*]
 Sieren, D.J. 1981. The taxonomy of the genus *Euthamia*. *Rhodora* 83:551-579.

graminifolia (Linnaeus) Greene [Fernald 1950]
 flat-top goldentop
occidentalis Nuttall [M&H; W&S]
 western goldentop
Solidago occidentalis (Nuttall) Torrey & Gray

Euphrosyne ambrosiifolia A. Gray = *Hedysyne ambrosiifolia* (A. Gray) Strother

Eutrochium Joe-Pye-weed
 King, R.M. & H. Robinson. 1987. The genera of the Eupatorieae (Asteraceae). *Monogr. Syst. Bot.* 22.
 Lamont, E.E. 2006. *Eutrochium*, pp. 474-478. IN: *Flora of North America*, vol. 21. Oxford University Press, New York.

maculatum (Linnaeus) E.E. Lamont var. **bruneri** (Gray) E.E. Lamont [M&H; W&S]
 spotted Joe-Pye-weed
Eupatorium bruneri Gray
Eupatorium maculatum Linnaeus var. *bruneri* (Gray) Breitung

Evax multicaulis A.P. de Candolle = *Diaperia verna* (Rafinesque) Morefield
prolifera Nuttall ex A.P. de Candolle = *Diaperia prolifera* (Nuttall ex A.P. de Candolle) Nuttall var. *prolifera*
verna Rafinesque = *Diaperia verna* (Rafinesque) Morefield

Filaginopsis multicaulis Torrey & Gray = *Diaperia verna* (Rafinesque) Morefield
Filago californica Nuttall = *Logfia filaginoides* (Hooker & Arnott) Morefield
prolifera (Nuttall ex A.P. de Candolle) Britton = *Diaperia prolifera* (Nuttall ex A.P. de Candolle) Nuttall var. *prolifera*

Flaveria yellowtops
 Powell, A.M. 1978. Systematics of *Flaveria* (Flaveriinae--Asteraceae). *Ann. Missouri Bot. Gard.* 65:590-636.

campestris J.R. Johnston [M&H; W&S]
 alkali yellowtops
chlorifolia Gray [M&H; W&S]
 clasping yellowtops
repanda Lagasca = *Flaveria trinervia* (Sprengel) C. Mohr
trinervia (Sprengel) C. Mohr [M&H; W&S]
 clustered yellowtops
Flaveria repanda Lagasca
Oedera trinervia Sprengel

Fleischmannia thoroughwort
sonora (Gray) King & Robinson [M&H]
 Sonoran thoroughwort
Eupatorium pycnocephalum of NM authors
Eupatorium sonora Gray

Flourensia tarbush
 Dillon, M.O. 1984. A systematic study of *Flourensia* (Asteraceae, Heliantheae). *Fieldiana: Botany* 16:1-66.

cernua A.P. de Candolle [M&H]
 tarbush
pringlei (Gray) Blake [M&H]
 Pringle's tarbush
Helianthella pringlei Gray

Franseria
acanthicarpa (Hooker) Coville = *Ambrosia acanthicarpa* Hooker
confertiflora (A.P. de Candolle) Rydberg = *Ambrosia confertiflora* A.P. de Candolle
discolor Nuttall = *Ambrosia tomentosa* Nuttall
tenuifolia Gray = *Ambrosia confertiflora* A.P. de Candolle
tomentosa Gray = *Ambrosia grayii* (A. Nelson) Shimmers
tomentosa (Nuttall) A. Nelson = *Ambrosia tomentosa* Nuttall

Gaertneria acanthicarpa (Hooker) Britton = *Ambrosia acanthicarpa* Hooker
grayi A. Nelson
tenuifolia (Gray) Kuntze = *Ambrosia confertiflora* A.P. de Candolle
tomentosa (Nuttall) Heller = *Ambrosia tomentosa* Nuttall

Gaillardia blanket-flower

- Biddulph, S.F. 1944(1945). A revision of the genus *Gaillardia*. Res. Stud. State Coll. Wash. 12:195-256.
- Strother, J.L. 2006. *Gaillardia*, pp. 421-426. IN: Flora of North America, vol. 21. Oxford University Press, New York. [*Gaillardia multiceps*]
- Turner, B.L. & M. Whalen. 1975. Taxonomic study of *Gaillardia pulchella* (Asteraceae-Heliantheae). *Wrightia* 5:189-192.
- aristata*** Pursh [Great Plains Flora Association 1977]
great blanket-flower
- multiceps*** Greene [Strother 2006]
onion blanket-flower
- neomexicana* A. Nelson = *Gaillardia pulchella* Fougeroux
- pinnatifida*** Torrey [M&H; W&S]
red-dome blanket-flower
- pulchella*** Fougeroux [M&H; W&S]
firewheel
Gaillardia neomexicana A. Nelson
- Galinsoga*** gallant soldier
- aristulata* Bicknell = *Galinsoga ciliata* (Rafinesque) Blake
ciliata (Rafinesque) Blake [= *Galinsoga quadriradiata* Ruis & Pavon] : Reported as expected by M&H map; awaits verification.
Galinsoga parviflora Cavanilles var. *hispida* A.P. de Candolle
Galinsoga aristulata Bicknell
- **parviflora*** Cavanilles [M&H; W&S]
gallant soldier
Galinsoga parviflora Cavanilles var. *semicalva* Gray
Galinsoga semicalva (Gray) St. John & White
parviflora Cavanilles var. *hispida* A.P. de Candolle = *Galinsoga ciliata* (Rafinesque) Blake
parviflora Cavanilles var. *semicalva* Gray = *Galinsoga parviflora* Cavanilles
semicalva (Gray) St. John & White = *Galinsoga parviflora* Cavanilles
- Gamochaeta*** everlasting
- Allred, K.W. 2004. Plant distribution reports. The New Mexico Botanist 30:7. [as *G. rosacea*]
- Nesom, G.L. 2004. New distribution records for *Gamochaeta* (Asteraceae: Gnaphalieae) in the United States. *Sida* 21(2):1175-1185. [*Gamochaeta stagnalis*]
- stagnalis*** (I.M. Johnston) Anderberg [Nesom 2004]
rosy everlasting
Gnaphalium stagnale I.M. Johnston
rosacea (I.M. Johnston) Anderberg : Erroneously reported by Allred (2004); the specimen corrected to *Gamochaeta stagnalis* (I.M. Johnston) Anderberg by Nesom (2004).
- Gazania*** treasure-flower
- Mahoney, A.M. 2006. *Gazania*, p. 196-197. IN: Flora of North America, vol. 19. Oxford University Press, New York.
- **linearis*** (Thunberg) Druce [Mahoney 2006]
treasure-flower
- Gerbera lyrata* Schultz-Bipontinus = *Leibnitzia lyrata* (Schultz-Bipontinus) G.L. Nesom
- Gnaphalium*** cudweed
- Cronquist, A. 1994. *Gnaphalium*, pp. 362-366. IN: Intermountain Flora, vol. 5. New York Botanical Garden.
- Nesom, G.L. 2001. New records in *Pseudognaphalium* (Asteraceae: Gnaphalieae) for the United States. *Sida* 19(4):1185-1190.
- angustifolium* A. Nelson = *Gnaphalium exilifolium* A. Nelson
canescens A.P. de Candolle = *Pseudognaphalium canescens* (A.P. de Candolle) W.A. Weber
chilense Sprengel = *Pseudognaphalium stramineum* (Kunth) W.A. Weber
decurrens Ives = *Pseudognaphalium macounii* (Greene) Kartesz
- exilifolium*** A. Nelson [M&H]
slender cudweed
Gnaphalium angustifolium A. Nelson
Gnaphalium grayi A. Nelson & Macbride
Gnaphalium strictum Torrey
grayi A. Nelson & Macbride = *Gnaphalium exilifolium* A. Nelson
jaliscense Greenman = *Pseudognaphalium jaliscense* (Greenman) A. Anderberg
leucocephalum Gray = *Pseudognaphalium leucocephalum* (Gray) A. Anderberg
leuteoalbum Linnaeus = *Pseudognaphalium leuteoalbum* (Linnaeus) Hilliard & Burt
macounii Greene = *Pseudognaphalium macounii* (Greene) Kartesz
- palustre*** Nuttall [M&H]
western marsh cudweed
pringlei Gray = *Pseudognaphalium pringlei* (Gray) A. Anderberg
stagnale I.M. Johnston = *Gamochaeta stagnalis* (I.M. Johnston) Anderberg
stramineum Humboldt, Bonpland, & Kunth = *Pseudognaphalium stramineum* (Kunth) W.A. Weber
strictum Gray = *Gnaphalium exilifolium* A. Nelson
sulphurescens Rydberg = *Pseudognaphalium stramineum* (Kunth) W.A. Weber
viridulum I. M. Johnston = *Pseudognaphalium canescens* (A.P. de Candolle) W.A. Weber
wrightii Gray = *Pseudognaphalium canescens* (A.P. de Candolle) W.A. Weber
- Grindelia*** gumweed
- Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Grindelia laciniata*]
- Harms, R.T. 2001. Radiate and eradiate individuals in *Grindelia nuda* (Asteraceae). *Sida* 19(3):715-717.
- Nesom, G.L. 1990. Studies in the systematics of Mexican and Texas *Grindelia* (Asteraceae: Astereae). *Phytologia* 68(4):303-332.
- Nesom, G.L., Y. Suh, and B.B. Simpson. 1993. *Prionopsis* (Asteraceae: Astereae) united with *Grindelia*. *Phytologia* 75:341-346.

Steyermark, J.A. 1934. Studies in *Grindelia*. II. A monograph of the North American species of the genus *Grindelia*. Ann. Missouri Bot. Gard. 21:433-608.
Strother, J.L. & M.A. Wetter. 2006. *Grindelia*, p. 424-436. IN: Flora of North America, vol. 20. Oxford University Press.
Wetter, M.A. 1986. *Grindelia*, pp. 943-945. IN: Great Plains Flora Association. Flora of the Great Plains. University Press of Kansas.

acutifolia Steyermark = *Grindelia hirsutula* Hooker & Arnott

aphanactis Rydberg = *Grindelia squarrosa* Dunal

arizonica Gray var. ***arizonica*** [M&H; W&S]

Arizona gumweed

Grindelia arizonica Gray var. *dentata* Steyermark

Grindelia arizonica Gray var. *stenophylla* Steyermark

Grindelia laciniata Rydberg

Grindelia setulifera Wooton & Standley

arizonica Gray var. *dentata* Steyermark = *Grindelia arizonica* Gray var. *arizonica*

+***arizonica*** Gray var. ***neomexicana*** (Wooton & Standley) Nesom [M&H; W&S]

New Mexico gumweed

Grindelia neomexicana Wooton & Standley

Grindelia scabra Greene var. *neomexicana* (Wooton & Standley) Steyermark

arizonica Gray var. *stenophylla* Steyermark = *Grindelia arizonica* Gray var. *arizonica*

ciliata (Nuttall) Sprengel [M&H]

Spanish gold

Grindelia papposa Nesom & Suh

Haplopappus ciliatus (Nuttall) A.P. de Candolle

Prionopsis ciliata Nuttall

decumbens Greene var. ***subincisa*** (Greene) Steyermark [M&H; W&S]

reclined gumweed

Grindelia subincisa Greene

havardii Steyermark [M&H]

Havard's gumweed

hirsutula Hooker & Arnott [M&H; Wetter 1986]

hairy gumweed

Grindelia acutifolia Steyermark

Grindelia revoluta Steyermark

laciniata Rydberg = *Grindelia arizonica* A. Gray

neomexicana Wooton & Standley = *Grindelia arizonica* Gray var. *neomexicana* (Wooton & Standley) Nesom

nuda Wood = *Grindelia squarrosa* (Pursh) Dunal

nuda Wood var. *aphanactis* (Rydberg) Nesom = *Grindelia squarrosa* (Pursh) Dunal

papposa Nesom & Suh = *Grindelia ciliata* (Nuttall) Sprengel

pinnatifida Wooton & Standley = *Grindelia squarrosa* Dunal

scabra Greene var. *neomexicana* (Wooton & Standley) Steyermark = *Grindelia arizonica* Gray var. *neomexicana* (Wooton & Standley)

Nesom

revoluta Steyermark = *Grindelia hirsutula* Hooker & Arnott

scabra Greene [M&H; W&S]

rough gumweed

serrulata Rydberg = *Grindelia squarrosa* (Pursh) Dunal

setulifera Wooton & Standley = *Grindelia arizonica* Gray var. *arizonica*

squarrosa (Pursh) Dunal var. *nuda* (Wood) Gray = *Grindelia squarrosa* Dunal

squarrosa (Pursh) Dunal var. *serrulata* (Rydberg) Steyermark = *Grindelia squarrosa* Dunal

squarrosa (Pursh) Dunal [M&H; W&S]

curly-cup gumweed

Donia squarrosa Pursh

Grindelia aphanactis Rydberg

Grindelia nuda Wood

Grindelia pinnatifida Wooton & Standley

Grindelia serrulata Rydberg

Grindelia squarrosa (Pursh) Dunal var. *nuda* (Wood) Gray

Grindelia squarrosa (Pursh) Dunal var. *serrulata* (Rydberg) Steyermark

subalpina Greene : Reported by W&S, but questioned by M&H and other workers; needs additional verification.

subincisa Greene = *Grindelia decumbens* Greene var. *subincisa* (Greene) Steyermark

texana Scheele : Reported by W&S, but questioned by M&H and other workers; needs additional verification.

Guardiola diehlii Jones : Reported by W&S, not treated by M&H; needs verification.

Gutierrezia snakeweed

Lane, M. 1982. Generic limits of *Xanthocephalum*, *Gutierrezia*, *Amphiachyris*, *Gymnosperma*, *Greenella*, and *Thurovia* (Compositae: Astereae). Syst. Bot. 7(4):405-416.

Lane, M. 1985. Taxonomy of *Gutierrezia* (Compositae: Astereae) in North America. Syst. Bot. 10:7-28.

Nesom, G.L. 2006. *Gutierrezia*, p. 88-94. IN: Flora of North America, vol. 20. Oxford University Press, New York.

corymbosa A. Nelson = *Gutierrezia sarothrae* (Pursh) Britton & Rusby

diversifolia Greene = *Gutierrezia sarothrae* (Pursh) Britton & Rusby

dracunculoides (A.P. de Candolle) Blake = *Amphiachyris dracunculoides* (A.P. de Candolle) Nuttall

filifolia Greene = *Gutierrezia sarothrae* (Pursh) Britton & Rusby

furfuracea Greene = *Gutierrezia sarothrae* (Pursh) Britton & Rusby

globosa Nelson = *Gutierrezia sarothrae* (Pursh) Britton & Rusby
glomerella Greene = *Gutierrezia microcephala* (A.P. de Candolle) Gray
goldmanii Greene = *Gutierrezia sarothrae* (Pursh) Britton & Rusby
juncea Greene = *Gutierrezia sarothrae* (Pursh) Britton & Rusby
linearis Rydberg = *Gutierrezia sarothrae* (Pursh) Britton & Rusby
longifolia Greene = *Gutierrezia sarothrae* (Pursh) Britton & Rusby
lucida Greene = *Gutierrezia microcephala* (A.P. de Candolle) Gray
microcephala (A.P. de Candolle) Gray [Lane 1985; M&H; W&S]

thread-leaf snakeweed

Brachyris microcephala A.P. de Candolle
Gutierrezia glomerella Greene
Gutierrezia lucida Greene
Gutierrezia sarothrae (Pursh) Britton var. *microcephala* (A.P. de Candolle) L. Benson
Xanthocephalum microcephalum (A.P. de Candolle) Shinnars

sarothrae (Pursh) Britton & Rusby [Lane 1985; M&H; W&S]

broom snakeweed

Gutierrezia corymbosa Nelson
Gutierrezia diversifolia Greene
Gutierrezia filifolia Greene
Gutierrezia furfuracea Greene
Gutierrezia globosa Nelson
Gutierrezia goldmanii Greene
Gutierrezia juncea Greene
Gutierrezia linearis Rydberg
Gutierrezia longifolia Greene
Gutierrezia tenuis Greene
Solidago sarothrae Pursh
Xanthocephalum sarothrae (Pursh) Shinnars

sarothrae (Pursh) Britton var. *microcephala* (A.P. de Candolle) L. Benson = *Gutierrezia microcephala* (A.P. de Candolle) Gray

sphaerocephala Gray [Lane 1985; M&H; W&S]

round-head snakeweed

tenuis Greene = *Gutierrezia sarothrae* (Pursh) Britton & Rusby
texana (A.P. de Candolle) Torrey & Gray var. ***glutinosa*** (Schauer) M.A. Lane [Nesom 2006]

Texas snakeweed

Gutierrezia glutinosa (Schauer) Schultz-Bipontinus

wrightii A. Gray [Lane 1985; M&H; W&S]

Wright's snakeweed

Xanthocephalum wrightii (A. Gray) A. Gray

Gymnomomia annua B.L. Robinson & J.L. Greenman = *Heliomeris longifolia* (B.L. Robinson & Greenman) Cockerell var. *annua* (M.E. Jones) W.F. Yates

brevifolia Greene ex Wootton & Standley = *Heliomeris multiflora* Nuttall var. *brevifolia* (Greene ex Wootton & Standley) W.F. Yates

ciliata (B.L. Robinson & J.L. Greenman) Rydberg = *Heliomeris hispida* (A. Gray) Cockerell

hispida B.L. Robinson & J.L. Greenman var. *ciliata* B.L. Robinson & J.L. Greenman = *Heliomeris hispida* (A. Gray) Cockerell

longifolia B.L. Robinson & J.L. Greenman = *Heliomeris longifolia* (B.L. Robinson & Greenman) Cockerell var. *longifolia*

multiflora (Nuttall) Benth & Hooker = *Heliomeris multiflora* Nuttall

multiflora (Nuttall) Benth & Hooker var. *annua* M.E. Jones = *Heliomeris longifolia* (B.L. Robinson & Greenman) Cockerell var. *annua* (M.E. Jones) W.F. Yates

tenuifolia (Gray) Benth & Hooker = *Viguiera stenoloba* Blake

Gymnosperma gumhead

Lane, M. 1982. Generic limits of *Xanthocephalum*, *Gutierrezia*, *Amphiachyris*, *Gymnosperma*, *Greenella*, and *Thurovia* (Compositae: Astereae). Syst. Bot. 7(4):405-416.

corymbosum A.P. de Candolle = *Gymnosperma glutinosum* (Sprengel) Lessing

glutinosum (Sprengel) Lessing [M&H; W&S]

gumhead

Gymnosperma corymbosum A.P. de Candolle

Selloa glutinosa Sprengel

Haploesthes false broomweed

Turner, B.L. 1975. Taxonomy of *Haploesthes* (Asteraceae: Senecioneae). Wrightia 5:108-115.

greggii Gray var. ***texana*** (Coulter) I.M. Johnson [M&H; Turner 1975]

false broomweed

Haplopappus armerioides (Nuttall) Gray = *Stenotus armerioides* Nuttall

canescens (A.P. de Candolle) Torrey & Gray = *Heterotheca canescens* (A.P. de Candolle) Shinnars

ciliatus (Nuttall) A.P. de Candolle = *Grindelia ciliata* (Nuttall) Sprengel

croceus Gray = *Pyrrhocoma crocea* (Gray) Greene

cuneatus Gray var. *spathulatus* (Gray) Blake = *Ericameria cuneata* (Gray) McClatchie var. *spathulata* (Gray) H.M. Hall

drummondii sensu M&H = *Isocoma rusbyi* Greene

gracilis (Nuttall) Gray = *Xanthisma gracile* (Nuttall) Morgan & Hartman

gymnocephalus of authors = *Xanthisma blephariphyllum* (Gray) Morgan & Hartman

havardii Waterfall = *Xanthisma viscidum* (Wooton & Standley) Morgan & Hartman
heterophyllus (Gray) Blake = *Isocoma pluriflora* (Torrey & Gray) Greene
laricifolius Gray = *Ericameria laricifolia* (Gray) Shinners
microcephalus Cronquist = *Lorandersonia microcephalus* (Cronquist) Urbatsch, Roberts & Neubig
nuttallii Torrey & Gray = *Xanthisma grindelioides* (Nuttall) Morgan & Hartman
parryi Gray = *Oreochrysum parryi* (Gray) Rydberg
phyllocephalus A.P. de Candolle subsp. *annuus* (Rydberg) Hall = *Rayjacksonia annua* (Rydberg) Hartman & Lane
pluriflorus (Gray) Hall = *Isocoma pluriflora* (Torrey & Gray) Greene
pygmaeus (Torrey & Gray) Gray = *Tonestus pygmaeus* (Torrey & Gray) A. Nelson
spinulosus (Pursh) A.P. de Candolle subsp. *australis* (Greene) Hall = *Xanthisma spinulosum* (Pursh) Morgan & Hartman var. *spinulosum*
spinulosus (Pursh) A.P. de Candolle subsp. *glaberrimus* (Rydberg) Hall = *Xanthisma glaberrimum* (Rydberg) Nesom & O'Kennon
spinulosus (Pursh) A.P. de Candolle subsp. *laevis* (Wooton & Standley) Hall = *Xanthisma spinulosum* (Pursh) Morgan & Hartman var. *spinulosum*
spinulosus (Pursh) A.P. de Candolle subsp. *scabrellus* (Greene) Hall = *Xanthisma spinulosum* (Pursh) Morgan & Hartman var. *spinulosum*
spinulosus (Pursh) A.P. de Candolle = *Xanthisma spinulosum* (Pursh) Morgan & Hartman var. *spinulosum*
tenuisectus (Greene) Blake = *Isocoma tenuisecta* Greene

Hedosyne marsh-elder

Strother, J.L. 2000. *Hedosyne* (Compositae, Ambrosiinae), a new genus for *Iva ambrosiifolia*. *Madroño* 47(3):204-205.

ambrosiifolia (A. Gray) Strother [M&H; W&S]

ragged marsh-elder

Euphrosyne ambrosiifolia A. Gray

Cyclachaena ambrosiifolia (A. Gray) Rydberg

Iva ambrosiifolia (A. Gray) A. Gray

Hedypnois cretanweed

***cretica** (Linnaeus) Dumortier [McIntosh 1999]

cretanweed

Heleniastrum hoopesii (Gray) Kuntze = *Hymenoxys hoopesii* (A. Gray) Bierner

Helenium sneezeweed

Bierner, M. 1972. Taxonomy of *Helenium* sect. *Tetrodus* and a conspectus of North American *Helenium* (Compositae). *Brittonia* 24:331-355.

Bierner, M.W. 1994. Submersion of *Dugaldia* and *Plummera* in *Hymenoxys* (Asteraceae: Heliantheae: Gaillardinae). *Sida* 16(1):1-8.

autumnale Linnaeus var. **montanum** (Nuttall) Fernald [M&H; W&S]

fall sneezeweed

Helenium montanum Nuttall

hoopesii A. Gray = *Hymenoxys hoopesii* (A. Gray) Bierner

microcephalum A.P. de Candolle var. **microcephalum** [M&H]

small-head sneezeweed

montanum Nuttall = *Helenium autumnale* Linnaeus var. *montanum* (Nuttall) Fernald

Helianthella dwarf sunflower

Hitchcock, C.L. & A. Cronquist. 1973. *Flora of the Pacific Northwest*. Univ. Washington Press, Seattle. 730 pp. [*Helianthella uniflora*]

Tidestrom, I. & T. Kittell. 1941. *A Flora of Arizona and New Mexico*. The Catholic University of America Press, Washington, D.C. 897 pp. [*Helianthella uniflora*]

Weber, W.A. 1952. The genus *Helianthella* (Compositae). *Amer. Midl. Naturalist* 48:1-35.

majuscula Greene = *Helianthella quinquenervis* (Hooker) Gray

microcephala (Gray) Gray [M&H; W&S]

little-head dwarf sunflower

Encelia microcephala Gray

parryi Gray [M&H; W&S; Weber 1952]

Parry's dwarf sunflower

pringlei Gray = *Flourensia pringlei* (Gray) Blake

quinquenervis (Hooker) Gray [M&H; W&S; Weber 1952]

nodding dwarf sunflower

Helianthella majuscula Greene

Helianthus quinquenervis Hooker

uniflora (Nuttall) Torrey & Gray [Hitchcock & Cronquist 1973; Tidestrom & Kittell 1941]

Rocky Mountain dwarf sunflower

Helianthus sunflower

Chandler, J.M., C.-C. Jan, & B.H. Beard. 1986. Chromosomal differentiation among the annual *Helianthus* species. *Syst. Bot.* 11(2):354-371.

Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. *The New Mexico Botanist* 24:1-4. [*H. maximiliani*]

Heiser, C.B. Jr., D.M. Smith, S.B. Clevenger, and W.C. Martin. 1969. The North American sunflowers (*Helianthus*). *Mem. Torrey Bot. Club*, Vol. 22 (3):1-218.

Jackson, R.C. 1959. Two new sunflower species from southern New Mexico. *Madroño* 15:54-57.

Jackson, R.C. 1963. Cytotaxonomy of *Helianthus ciliaris* and related species of the southwestern U.S. and Mexico. *Brittonia* 15:260-271.

New Mexico Rare Plant Technical Council. 1999. New Mexico Rare Plants. Albuquerque, NM: New Mexico Rare Plants Home Page. <http://nmrareplants.unm.edu> (Version 16Mar00) [*Helianthus praetermissus*]

Seiler, G.J., L. Cuk, and C.E. Rogers. 1981. New and interesting distribution records for *Helianthus paradoxus* Heiser (Asteraceae). *Southw. Naturalist* 26:431-432.

Sivinski, R. 1993. Noteworthy collections (New Mexico). *Madroño* 40:273-274. [*Helianthus paradoxus*]

Watson, E.E. 1929. Contributions to a monograph of the genus *Helianthus*. *Papers of the Michigan Academy of Science, Arts, and Letters* 9:305-475. [*Helianthus attenuatus*, *H. praetermissus*]

annuus Linnaeus [M&H; W&S]

annual sunflower, common sunflower
Helianthus aridus Rydberg
anomalous Blake : Erroneously reported by Chandler et al. (1986) from “New Mexico, Hopi Indian Reservation”; known only from Utah, Arizona, and Nevada.
aridus Rydberg = *Helianthus annuus* Linnaeus
arizonensis Jackson [Jackson 1963; M&H]
Arizona sunflower
attenuatus E.E. Watson : The identity of this name is uncertain. It was named from a specimen grown in Tennessee from seed gathered in NM by A. Fendler in 1852. There is a single specimen at MO (Watson 1929).
canus (Britton) Wooton & Standley = *Helianthus petiolaris* Nuttall var. *canescens* Gray
ciliaris A.P. de Candolle [M&H; W&S]
Texas blueweed
crenatus Jackson = *Helianthus laciniatus* Gray
dentatus Cavanilles = *Viguiera dentata* (Cavanilles) Sprengel
fascicularis Greene = *Helianthus nuttallii* Torrey & Gray
grosseserratus Martens : Reported by W&S, but this species not known from NM; the plants in question are referable to *Helianthus nuttallii* Torrey & Gray [Heiser et al. 1969].
heiseri Jackson = *Helianthus laciniatus* Gray
laciniatus Gray [Jackson 1959; M&H]
alkali sunflower
Helianthus crenatus Jackson
Helianthus heiseri Jackson
Helianthus laciniatus Gray subsp. *crenatus* (Jackson) Jackson
Helianthus laciniatus Gray subsp. *heiseri* (Jackson) Jackson
laciniatus Gray subsp. *crenatus* (Jackson) Jackson = *laciniatus* Gray subsp. *crenatus* (Jackson) Jackson
laciniatus Gray subsp. *heiseri* (Jackson) Jackson = *laciniatus* Gray subsp. *heiseri* (Jackson) Jackson
×laetiflorus Persoon (in part) : this presumably hybrid derivative (perhaps mainly a cultigen) was reported for NM as an escape from gardens by Gleason (1963); awaits verification of established occurrence.
laetiflorus Persoon var. *subrhomboideus* (Rydberg) Fernald = *Helianthus pauciflorus* Nuttall subsp. *subrhomboideus* (Rydberg) O. Spring & E.E. Schilling
maximiliani Schrader [Heil et al. 2002]
Michaelmas daisy, Maximilian sunflower
neglectus Heiser [M&H]
neglected sunflower
neomexicanus Wooton & Standley = *Helianthus tuberosus* Linnaeus
niveus (Bentham) Brandege subsp. *canescens* (Gray) Heiser = *Helianthus petiolaris* Nuttall var. *canescens* Gray
nuttallii Torrey & Gray [M&H; W&S]
Nuttall’s sunflower
Helianthus fascicularis Greene
paradoxus Heiser [Seiler et al. 1981; Sivinski 1993]
Trans-Pecos sunflower
petiolaris Nuttall var. **canescens** Gray [M&H; W&S]
plains sunflower
Helianthus canus (Britton) Wooton & Standley
Helianthus niveus (Bentham) Brandege subsp. *canescens* (Gray) Heiser
petiolaris Nuttall subsp. **fallax** Heiser [M&H]
plains sunflower
petiolaris Nuttall subsp. **petiolaris** [M&H; W&S]
plains sunflower
praetermissus E.E. Watson : Reported by Tidestrom & Kittell (1941) and Watson (1929), but the occurrence in NM and the validity of this taxon is seriously in question (New Mexico Rare Plant Technical Council 1999; Sivinski & Lightfoot 1995).
quinquenervis Hooker = *Helianthella quinquenervis* (Hooker) Gray
pauciflorus Nuttall subsp. **subrhomboideus** (Rydberg) O. Spring & E.E. Schilling [M&H; W&S]
stiff sunflower
Helianthus laetiflorus Persoon var. *subrhomboideus* (Rydberg) Fernald
Helianthus rigidus (Cassini) Desfontaines subsp. *subrhomboideus* (Rydberg) Heiser
Helianthus scaberrimus Bentham var. *subrhomboideus* (Rydberg) Farwell
Helianthus subrhomboideus Rydberg
rigidus (Cassini) Desfontaines subsp. *subrhomboideus* (Rydberg) Heiser = *Helianthus pauciflorus* Nuttall subsp. *subrhomboideus* (Rydberg) O. Spring & E.E. Schilling
scaberrimus Bentham var. *subrhomboideus* (Rydberg) Farwell = *Helianthus pauciflorus* Nuttall subsp. *subrhomboideus* (Rydberg) O. Spring & E.E. Schilling
subrhomboideus Rydberg = *Helianthus pauciflorus* Nuttall subsp. *subrhomboideus* (Rydberg) O. Spring & E.E. Schilling
tuberosus Linnaeus [M&H; W&S]
Jerusalem artichock
Helianthus neomexicanus Wooton & Standley
Heliomeris goldeneye

Schilling, E.E. 2006. *Heliomeris*, pp. 169-172. IN: Flora of North America, vol. 21(3). Oxford University Press.
Yates, W.F. & C.B. Heiser. 1979. Synopsis of *Heliomeris*. Proc. Indiana Acad. Sci. 88:364-372.

hispid (Gray) Cockerell [M&H; W&S]

rough goldeneye

Viguiera ciliata (B.L. Robinson & J.L. Greenman) Blake

Gymnolomia ciliata (B.L. Robinson & J.L. Greenman) Rydberg

Gymnolomia hispida B.L. Robinson & J.L. Greenman var. *ciliata* B.L. Robinson & J.L. Greenman

longifolia (B.L. Robinson & J.L. Greenman) Cockerell var. ***annua*** (M.E. Jones) W.F. Yates [M&H; W&S]

annual goldeneye

Gymnolomia annua (M.E. Jones) B.L. Robinson & J.L. Greenman

Gymnolomia multiflora (Nuttall) Bentham & Hooker var. *annua* M.E. Jones

Viguiera longifolia (B.L. Robinson & J.L. Greenman) Blake var. *annua* (M.E. Jones) Welsh

longifolia (B.L. Robinson & J.L. Greenman) Cockerell var. ***longifolia*** [M&H; W&S]

long-leaf goldeneye

Viguiera longifolia (B.L. Robinson & J.L. Greenman) Blake

Gymnolomia longifolia B.L. Robinson & J.L. Greenman

multiflora Nuttall var. ***brevifolia*** (Greene ex Wooton & Standley) W.F. Yates [Schilling 2006; W&S]

showy goldeneye

Gymnolomia brevifolia Greene ex Wooton & Standley, not *Viguiera brevifolia* Greenman

Viguiera multiflora (Nuttall) Blake var. *ovalis* Blake

Viguiera ovalis Blake

multiflora Nuttall var. ***multiflora*** [M&H; W&S]

showy goldeneye

Gymnolomia multiflora (Nuttall) Bentham & Hooker

Viguiera multiflora (Nuttall) S.F. Blake

multiflora Nuttall var. ***nevadensis*** (A. Nelson) W.F. Yates [Schilling 2006]

showy goldeneye

Gymnolomia nevadensis A. Nelson

tenuifolia Gray = *Viguiera stenoloba* Blake

Heliopsis oxeye

Fisher, T.R. 1957. Taxonomy of genus *Heliopsis* (Compositae). Ohio J. Sci. 57:171-191.

Smith, A. 2006. *Heliopsis*, pp. 67-70. IN: Flora of North America, vol. 21. Oxford University Press.

helianthoides (Linnaeus) Sweet subsp. *occidentalis* Fisher = *Heliopsis helianthoides* (Linnaeus) Sweet var. *scabra* (Dunal) Fernald

helianthoides (Linnaeus) Sweet var. ***scabra*** (Dunal) Fernald [Fisher 1957]

smooth oxeye

Heliopsis helianthoides (Linnaeus) Sweet subsp. *occidentalis* Fisher

parvifolia Gray [Fisher 1957; M&H]

mountain oxeye

Hemiptilium bigelovii Gray = *Stephanomeria exigua* Nuttall subsp. *exigua*

Herrickia wood-aster

Brouillet, L., L. Urbatsch, & R.P. Roberts. 2004. *Tonestus kingii* and *T. aberrans* are related to *Eurybia* and the Machaerantherinae (Asteraceae: Astereae) based on nrDNA (ITS and ETS) data: Reinstatement of *Herrickia* and a new genus, *Triniteurybia*. Sida 21(2):889-900.

Nesom, G.L. 1994 [1995]. Review of the taxonomy of *Aster* sensu lato (Asteraceae: Astereae), emphasizing the New World species. Phytologia 77(3):141-297.

glauca (Nuttall) Brouillet [M&H; W&S]

gray wood-aster

Aster glaucodes Blake var. *formosus* (Greene) Kittell

Aster glaucodes Blake var. *glaucodes*

Aster glaucus (Nuttall) Torrey & Gray

Aster glaucus (Nuttall) Torrey & Gray var. *formosus* (Greene) A. Nelson

Eucephalus formosus Greene

Eucephalus glaucus Nuttall

Eurybia glauca (Nuttall) Nesom

horrida Wooton & Standley [M&H; W&S]

Wooton's wood-aster

Aster horridus (Wooton & Standley) Blake

Eurybia horrida (Wooton & Standley) Nesom

Heteropleura fendleri (Schultz-Bipontinus) Rydberg = *Hieracium fendleri* Schultz-Bipontinus

Heterosperma wing-petal

pinnatum Cavanilles [M&H; W&S]

wing-petal

Heterosperma tagetinum Gray

tagetinum Gray = *Heterosperma pinnatum* Cavanilles

dicranocarpa Gray = *Dicranocarpus parviflorus* (Gray) Gray

Heterotheca golden-aster

Nesom, G.L. 1990. Taxonomy of *Heterotheca* sect. *Heterotheca* (Asteraceae: Astereae) in Mexico, with comments on the taxa of the United States. Phytologia 69(4):282-294.

Nesom, G.L. 2006. Taxonomic overview of the *Heterotheca villosa* complex (Asteraceae: Astereae). Sida 22(1):367-380.

Semple, J.C. 1987. New names, combinations, and lectotypifications in *Heterotheca* (Compositae: Astereae). Brittonia 39(3):379-386.

- Semple, J.C. 1990. Neotypification of *Amellus villosus*, the identity of a Bradbury collection, and typification of some other goldenasters (Compositae: Astereae). *Brittonia* 42(3):221-228.
- Semple, J.C. 1994. New combinations in the *Heterotheca villosa* (Pursh) Shinners complex (Compositae: Astereae). *Novon* 4:53-54.
- Semple, J. 1996. A revision of *Heterotheca* sect. *Phyllothea* (Nuttall) Harms (Compositae: Astereae). *Univ. Waterloo Biol. Ser.* 37:1-164.
- Semple, J.C. *Heterotheca*, p. 230-256. IN: *Flora of North America*, vol. 20. Oxford University Press, New York.
- Semple, J.C., V.C. Blok, and P. Heiman. 1980. Morphological, anatomical, habit, and habitat differences among the goldenaster genera *Chrysopsis*, *Heterotheca* and *Pityopsis* (Compositae--Astereae). *Can. J. Bot.* 58:147-163.
- canescens*** (A.P. de Candolle) Shinners [M&H; Semple 1996; W&S]
 gray camphorweed, hoary golden-aster
Chrysopsis berlandiera Greene
Chrysopsis canescens (A.P. de Candolle) Torrey & Gray
Chrysopsis villosa (Pursh) Nuttall var. *canescens* (A.P. de Candolle) Gray
Haplopappus canescens (A.P. de Candolle) Torrey & Gray
- fulcrata*** (E.L. Greene) Shinners var. ***amplifolia*** (Rydberg) Semple [Semple 1996; W&S]
 green camphorweed
Chrysopsis nitidula Wooton & Standley
- fulcrata*** (Greene) Shinners var. ***arizonica*** Semple [Semple 1996]
 Arizona camphorweed
- fulcrata*** (Greene) Shinners var. ***fulcrata*** [M&H; Semple 1996 W&S]
 green camphorweed
Chrysopsis cryptocephala Wooton & Standley
Chrysopsis fulcrata Greene
Chrysopsis resinolens A. Nelson
- fulcrata*** (E.L. Greene) Shinners var. ***senilis*** (Wooton & Standley) Semple [M&H; Semple 1996 W&S]
 green camphorweed
Chrysopsis senilis Wooton & Standley
- horrida*** (Rydberg) Harms = *Heterotheca villosa* (Pursh) Shinners var. *nana* (A. Gray) Semple
- latifolia*** Buckley = *Heterotheca subaxillaris* (Lamarck) Britton & Rusby var. *latifolia* (Buckley) Gandhi & R.D. Thomas
- latifolia*** Buckley var. ***macgregoris*** Wagenknecht = *Heterotheca subaxillaris* (Lamarck) Britton & Rusby
- polythrix*** Nesom = *Heterotheca villosa* (Pursh) Shinners var. *scabra* (A. Eastwood) Semple
- psammophila*** Wagenknecht = *Heterotheca subaxillaris* (Lamarck) Britton & Rusby
- sierrablancensis*** (Semple) Nesom = *Heterotheca villosa* (Pursh) Shinners var. *sierrablancensis* Semple
- stenophylla*** (A. Gray) Shinners var. ***angustifolia*** (Rydberg) Semple [Semple 1996]
 stiff-leaf golden-aster
Chrysopsis angustifolia Rydberg
- stenophylla*** (A. Gray) Shinners var. ***stenophylla*** [Semple 1996]
 stiff-leaf golden-aster
Chrysopsis hispida (Hooker) A.P. de Candolle var. *stenophylla* A. Gray
- subaxillaris*** (Lamarck) Britton & Rusby var. ***latifolia*** (Buckley) Gandhi & R.D. Thomas [Semple 2006; W&S]
 camphorweed
Heterotheca latifolia Buckley
Heterotheca latifolia Buckley var. *macgregoris* Wagenknecht
Heterotheca psammophila Wagenknecht
Heterotheca subaxillaris (Lamarck) Britton & Rusby subsp. *latifolia* (Buckley) Semple
- subaxillaris*** (Lamarck) Britton & Rusby subsp. ***latifolia*** (Buckley) Semple = *Heterotheca subaxillaris* (Lamarck) Britton & Rusby
- villosa*** (Pursh) Shinners var. ***foliosa*** (Nuttall) Harms [Semple 1996]
 hairy golden-aster
Chrysopsis foliosa Nuttall
- villosa*** (Pursh) Shinners var. ***horrida*** (Hooker) Semple = *Heterotheca villosa* (Pursh) Shinners var. *nana* (A. Gray) Semple
- villosa*** (Pursh) Shinners var. ***minor*** (Hooker) Semple [M&H; Semple 1996; W&S]
 hairy golden-aster
Chrysopsis hirsutissima Greene
Chrysopsis hispida (Hooker) A.P. de Candolle
- villosa*** (Pursh) Shinners var. ***nana*** (A. Gray) Semple [M&H; Semple 1996]
 hairy golden-aster
Chrysopsis horrida Rydberg
Chrysopsis villosa (Pursh) Shinners var. *horrida* (Hooker) Semple
Heterotheca horrida (Rydberg) Harms
- villosa*** (Pursh) Shinners var. ***pedunculata*** (Greene) Harms ex Semple [Semple 1996]
 hairy golden-aster
- villosa*** (Pursh) Shinners var. ***scabra*** (A. Eastwood) Semple [Semple 1996]
 hairy golden-aster
Heterotheca polythrix Nesom
- +*villosa*** (Pursh) Shinners var. ***sierrablancensis*** Semple [Semple 1996]
 Sierra Blanca golden-aster
Heterotheca sierrablancensis (Semple) Nesom
- villosa*** (Pursh) Shinners var. ***villosa*** : Not occurring in NM fide Semple (1996).

viscida (Gray) Harms [M&H; Semple 1996]

cliff golden-aster

Chrysopsis viscida (Gray) Greene

zionensis Semple [Semple 1996]

Zion golden-aster

Hieracium hawkweed

Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Hieracium crepidospermum*]

Beaman, J.H. 1990. Revision of *Hieracium* (Asteraceae) in Mexico and Central America. Syst. Bot. Monogr. 29:1-77.

Cronquist, A. 1994. *Hieracium*, pp. 455-458. IN: Intermountain Flora, vol. 5. New York Botanical Garden.

Strother, J.L. 2006. *Hieracium*, p. 278-294. IN: Flora of North America, vol. 19. Oxford University Press, New York.

abscissum Lessing [M&H; W&S]

Rusby's hawkweed

Hieracium rusbyi Greene

brevipilum Greene [M&H; W&S]

Mogollon hawkweed

Hieracium fendleri Schultz-Bipontinus var. *mogollonense* Gray

carneum Greene [M&H; W&S]

Huachuca hawkweed

crepidospermum Fries [Allred 1999; Beaman 1990; M&H; W&S]

Lemmon's hawkweed

Hieracium lemmonii Gray

fendleri Schultz-Bipontinus [M&H; W&S]

Fendler's hawkweed

Heteropleura fendleri (Schultz-Bipontinus) Rydberg

fendleri Schultz-Bipontinus var. *mogollonense* Gray = *Hieracium brevipilum* Greene

gracile Hooker = *Hieracium triste* Willdenow ex Sprengel

lemmonii Gray = *Hieracium crepidospermum* Fries

pringlei Gray [M&H; W&S]

Pringle's hawkweed

rusbyi Greene = *Hieracium abscissum* Lessing

triste Willdenow ex Sprengel [M&H]

alpine hawkweed

Hieracium gracile Hooker

Hieracium triste Willdenow ex Sprengel var. *gracile* (Hooker) Gray

Hymenatherum aureum Gray = *Thymophylla aurea* (Gray) Greene ex Britton var. *aurea*

neomexicanum Gray = *Adenophyllum wrightii* Gray

hartwegii Gray = *Thymophylla pentachaeta* (A.P. de Candolle) Small var. *hartwegii* (Gray) Strother

pentachaetum Gray = *Thymophylla pentachaeta* (A.P. de Candolle) Small var. *pentachaeta*

polychaetum Gray = *Thymophylla aurea* (Gray) Greene ex Britton var. *polychaeta* (Gray) Strother

thurberi Gray = *Thymophylla pentachaeta* (A.P. de Candolle) Small var. *belenidium* (A.P. de Candolle) Strother

Hymenoclea monogyra Torrey & Gray ex Gray = *Ambrosia monogyra* (Torrey & Gray ex Gray) Strother & Baldwin

Hymenopappus woollywhite

Great Plains Flora Association. 1977. Atlas of the Flora of the Great Plains. Iowa State Univ. Press. 600 pp. [*Hymenopappus filifolius* var. *polycephalus*]

Turner, B.L. 1956. A cytotoxic study of the genus *Hymenopappus* (Compositae). *Rhodora* 58:163-186, 208-242, 250-269, 295-308.

arenosus Heller = *Hymenopappus filifolius* Hooker var. *cinereus* (Rydberg) I.M. Johnston

biennis B.L. Turner [M&H; Turner 1956]

biennial woollywhite

cinereus Rydberg = *Hymenopappus filifolius* Hooker var. *cinereus* (Rydberg) I.M. Johnston

filifolius Hooker var. **cinereus** (Rydberg) I.M. Johnston [M&H; Turner 1956; W&S]

fine-leaf woollywhite

Hymenopappus arenosus Heller

Hymenopappus cinereus Rydberg

filifolius Hooker var. **lugens** (Greene) Jepson [M&H; Turner 1956; W&S]

fine-leaf woollywhite

Hymenopappus lugens Greene

Hymenopappus nudatus Wooton & Standley

filifolius Hooker var. **pauciflorus** (I.M. Johnston) B.L. Turner [Spellenberg et al. 1986]

fine-leaf woollywhite

filifolius Hooker var. **polycephalus** (Osterhout) B.L. Turner [Great Plains Flora Association 1977]

fine-leaf woollywhite

fisheri Wooton & Standley = *Hymenopappus flavescens* Gray var. *flavescens*

flavescens Gray var. **canotomentosus** Gray [M&H; Turner 1956; W&S]

yellow woollywhite

Hymenopappus robustus Greene

flavescens Gray var. **flavescens** [M&H; Turner 1956; W&S]

yellow woollywhite

Hymenopappus fisheri Wooton & Standley
Rothia flavescens (Gray) Kuntze
integer Greene = *Hymenopappus mexicanus* Gray
lugens Greene = *Hymenopappus filifolius* Hooker var. *lugens* (Greene) Jepson
mexicanus Gray [M&H; Turner 1956; W&S]
 Mexican woolywhite
Hymenopappus integer Greene
Rothia mexicana (Gray) Kuntze
newberryi (Gray) I.M. Johnston [M&H; Turner 1956; W&S]
 Newberry's woolywhite
Leucampyx newberryi Gray
nudatus Wooton & Standley = *Hymenopappus filifolius* Hooker var. *lugens* (Greene) Jepson
radiatus Rose : Reported by W&S, but not known in NM according to Turner (1956).
robustus Greene = *Hymenopappus flavescens* Gray var. *cano-tomentosus* Gray
tenuifolius Pursh [M&H; Turner 1956; W&S]
 chalkhill woolywhite
Rothia tenuifolia Kuntze
Hymenothrix thimblehead
wislizeni Gray [M&H; W&S]
 Trans-Pecos thimblehead
wrightii Gray [M&H; W&S]
 Wright's thimblehead
Hymenoxys rubberweed
 Bierner, M.W. 1994. Submersion of *Dugaldia* and *Plummera* in *Hymenoxys* (Asteraceae: Heliantheae: Gaillardiiinae). Sida 16(1):1-8.
 Bierner, M.W. 2004. Taxonomy of *Hymenoxys* subgenus *Macdougalia* (Asteraceae: Helenieae: Tetraneurinae). Sida 21(2):657-663.
 O'Kane, S.L. 1988. Colorado's rare flora. Great Basin Naturalist 48(4):434-475. [*Hymenoxys helenioides*]
 Parker, K.F. 1981. New combinations in *Tetraneuris* Greene (Heliantheae, Asteraceae). Phytologia 45:467.
 Wagner, W.L., R.A. Fletcher, & R.K. Shannon. 1999. Another look at *Hymenoxys* subgenus *Plummera* (Asteraceae: Heliantheae: Gaillardiiinae) from Arizona and New Mexico. Brittonia 51(1):79-86.
acaulis (Pursh) Parker var. *acaulis* = *Tetraneuris acaulis* (Pursh) Greene var. *acaulis*
acaulis (Pursh) Parker var. *arizonica* (Greene) Parker = *Tetraneuris acaulis* (Pursh) Greene var. *arizonica* (Greene) Parker
acaulis (Pursh) Parker var. *caespitosa* (A. Nelson) Parker = *Tetraneuris acaulis* (Pursh) Greene var. *caespitosa* A. Nelson
acaulis (Pursh) Parker var. *ivesiana* (Greene) Parker = *Tetraneuris ivesiana* Greene
acaulis (Pursh) Parker var. *nana* Welsh = *Hymenoxys acaulis* (Pursh) Greene var. *arizonica* (Greene) Parker
+ambigens (S.F. Blake) Bierner var. **neomexicana** Wagner [Wagner 1979; Wagner et al. 1999]
 New Mexico rubberweed
Plummera ambigens of NM authors
argentea (Gray) Parker = *Tetraneuris argentea* (Gray) Greene
bigelovii (Gray) Parker [Bierner 2004; M&H; W&S]
 Bigelow's rubberweed
Actinella bigelovii Gray
Macdougalia bigelovii (Gray) Heller
+brachyactis Wooton & Standley [W&S]
 east-view rubberweed
brandegeei (Porter ex Gray) Parker [M&H]
 Brandegee's rubberweed
Actinea brandegeei (Porter ex Gray) Rydberg
Rydbergia brandegeei (Porter) Rydberg
Tetraneuris brandegeei (Porter ex Gray) Parker
cockerellii Wooton & Standley = *Hymenoxys odorata* A.P. de Candolle
cooperi (Gray) Cockerell subsp. *grayi* Cockerell = *Hymenoxys quinquesquamata* Rydberg
floribunda (Gray) Cockerell = *Hymenoxys richardsonii* (Hooker) Cockerell var. *floribunda* (Gray) Parker
helenioides (Rydberg) Cockerell [Heil et al. 2002; O'Kane 1988]
 Intermountain rubberweed
Picradenia helenioides Rydberg
hoopesii (A. Gray) Bierner [M&H; W&S]
 orange sneezeweed
Dugaldea hoopesii (Gray) Rydberg
Heleniastrum hoopesii (Gray) Kuntze
Helenium hoopesii A. Gray
ivesiana (Greene) Parker = *Tetraneuris ivesiana* Greene
linearifolia Hooker = *Tetraneuris linearifolia* (Hooker) Greene
macrantha (A. Nelson) Rydberg = *Hymenoxys richardsonii* (Hooker) Cockerell var. *richardsonii*
mearnsii (Cockerell) Wooton & Standley = *Hymenoxys odorata* A.P. de Candolle
metcalfei Cockerell = *Hymenoxys richardsonii* (Hooker) Cokll. var. *floribunda* (Gray) Parker
multiflora (Buckley) Rydberg = *Hymenoxys odorata* A.P. de Candolle
odorata A.P. de Candolle [M&H; W&S]

- poison rubberweed
Actinella odorata (A.P. de Candolle) Gray
Hymenoxys cockerellii Wooton & Standley
Hymenoxys mearnsii (Cockerell) Wooton & Standley
Hymenoxys multiflora (Buckley) Rydberg
olivacea Cockerell = *Hymenoxys richardsonii* (Hooker) Cockerell var. *floribunda* (Gray) Parker
quinquesquamata Rydberg [M&H] Note: Restricted by Bierner (2006) to southern Arizona, mostly the Huachuca Mountains; warrants verification.
Rincon rubberweed
Hymenoxys cooperi (Gray) Cockerell subsp. *grayi* Cockerell
richardsonii (Hooker) Cockerell var. ***floribunda*** (Gray) Parker [M&H; W&S]
pingue, Colorado rubberweed
Actinella richardsonii (Hooker) Nuttall var. *floribunda* (Hooker) Gray
Hymenoxys floribunda (Gray) Cockerell
Hymenoxys metcalfei Cockerell
Hymenoxys olivacea Cockerell
richardsonii (Hooker) Cockerell var. ***richardsonii*** [W&S]
pingue, Colorado rubberweed
Actinella richardsonii (Hooker) Nuttall
Hymenoxys macrantha (A. Nelson) Rydberg
Picradenia richardsonii Hooker
rusbyi (Gray) Cockerell [M&H; W&S]
Rusby's rubberweed
Actinella rusbyi (Gray) Rydberg
scaposa (A.P. de Candolle) Parker s.s. = *Tetraneuris scaposa* (A.P. de Candolle) Greene var. *scaposa*
scaposa (A.P. de Candolle) Parker var. *glabra* (Nuttall) Parker = *Tetraneuris scaposa* (A.P. de Candolle) Greene var. *scaposa*
scaposa (A.P. de Candolle) Parker var. *linearis* (Nuttall) Parker = *Tetraneuris scaposa* (A.P. de Candolle) Greene var. *scaposa*
scaposa (A.P. de Candolle) Parker var. *villosa* Shinnars = *Tetraneuris scaposa* (A.P. de Candolle) Greene var. *scaposa*
vaseyi (Gray) Cockerell [M&H; W&S]
Vasey's rubberweed
Actinella vaseyi Gray
Picradenia vaseyi (Gray) Greene
- Hypochoeris*** cat's ear
****radicata*** Linnaeus [Spellenberg et al. 1993]
cat's ear
- Ionactis*** ankle-aster
Nesom, G.L. 1992. Transfer of *Chaetopappa elegans* to *Ionactis* (Asteraceae: Astereae). *Phytologia* 73(5):416-424.
Soreng, R. and R. Spellenberg. 1984. An unusual new *Chaetopappa* (Asteraceae-Astereae) from New Mexico. *Syst. Bot.* 9:1-5.
+elegans (Soreng & Spellenberg) Nesom [Soreng & Spellenberg 1984]
Sierra Blanca ankle-aster
Chaetopappa elegans Soreng & Spellenberg
- Isocoma*** Jimmyweed
Nesom, G.L. 1991. Taxonomy of *Isocoma* (Compositae: Astereae). *Phytologia* 70:69-114.
azteca Nesom [Nesom 1991]
Aztec Jimmyweed
heterophylla (Gray) Greene = *Isocoma pluriflora* (Torrey & Gray) Greene
oxylepis Wooton & Standley = *Isocoma pluriflora* (Torrey & Gray) Greene
pluriflora (Torrey & Gray) Greene [M&H; Nesom 1991; W&S]
southern Jimmyweed
Bigelovia pluriflora Torrey & Gray
Haplopappus heterophyllus (Gray) Blake
Haplopappus pluriflorus (Gray) Hall
Isocoma heterophylla (Gray) Greene
Isocoma oxylepis Wooton & Standley
Isocoma wrightii (Gray) Wooton & Standley
Linosyris heterophyllus Gray
rusbyi Greene [M&H; Nesom 1991]
Rusby's Jimmyweed
Haplopappus drummondii sensu M&H
tenuisecta Greene [M&H; Nesom 1991]
burroweed
Haplopappus tenuisectus (Greene) Blake
wrightii (Gray) Wooton & Standley = *Isocoma pluriflora* (Torrey & Gray) Greene
- Iva*** marsh-elder
Jackson, R.C. 1960. A revision of the genus *Iva* Linnaeus Univ. Kansas Sci. Bull. 41:793-876.
Strother, J.L. 2000. *Hedosyne* (Compositae, Ambrosiinae), a new genus for *Iva ambrosiifolia*. *Madroño* 47(3):204-205.
acerosa (Nuttall) R.C. Jackson = *Oxytenia acerosa* Nuttall

ambrosiifolia (Gray) Gray = *Hedosyne ambrosiifolia* (A. Gray) Strother

annua Linnaeus [M&H]
annual marsh-elder
Iva ciliata Willdenow

axillaris Pursh [M&H; W&S]
deer-root
ciliata Willdenow = *Iva annua* Linnaeus
dealbata Gray = *Leuciva dealbata* (A. Gray) Rydberg
xanthifolia Nuttall = *Cyclachaena xanthifolia* (Nuttall) Fresenius

Jefea boss-daisy
Strother, J.L. 1991. Taxonomy of *Complaya*, *Elaphandra*, *Iogeton*, *Jefea*, *Wamalchitamin*, *Wedelia*, *Zexmenia*, and *Zyzyxia* (Compositae- Heliantheae-Ecliptinae). Syst. Bot. Monogr. 33:1-111.

brevifolia (Gray) Strother [M&H; Strother 1991]
boss-daisy
Zexmenia brevifolia Gray

Koanophyllon thoroughwort
Nesom, G.L. 2006. *Koanophyllon*, pp. 542-543. IN: Flora of North America, vol. 21. Oxford University Press, New York. [*Koanophyllon palmeri*]

palmeri (Gray) R.M. King & H.E. Robinson [Nesom 2006]
Palmer's thoroughwort
Eupatorium palmeri Gray

solidaginifolium (Gray) R.M. King & H.E. Robinson [M&H; W&S]
shrubby thoroughwort
Eupatorium solidaginifolium Gray

Keerlia skirrhobasis A.P. de Candolle = *Aphanostephus skirrhobasis* (A.P. de Candolle) Trelease

Krigia dwarf dandelion
Kim, K.-J. & B.L. Turner. 1992. Systematic overview of *Krigia* (Asteraceae-Lactuceae). Brittonia 44:173-198.

biflora (Walter) Blake [M&H; W&S]
dwarf dandelion
Cynthia viridis Standley
Krigia biflora (Walter) Blake var. *viridis* (Standley) Kim
biflora (Walter) Blake var. *viridis* (Standley) Kim = *Krigia biflora* (Walter) Blake

Kuhnia eupatorioides Linnaeus var. *chlorolepis* (Wooton & Standley) Cronquist = *Brickellia eupatorioides* (Linnaeus) Shinnery var. *chlorolepis* (Wooton & Standley) B. Turner

eupatorioides Linnaeus var. *corymbulosa* Torrey & Gray = *Brickellia eupatorioides* (Linnaeus) Shinnery var. *corymbulosa* (Torrey & Gray) Shinnery

rosmarinifolia Ventenat [= *Brickellia eupatorioides* (Linnaeus) Shinnery var. *eupatorioides*] : Reported by W&S, but not known from NM according to Turner (1989); requires validation.

rosmarinifolia Ventenat var. *chlorolepis* (Wooton & Standley) Blake = *Brickellia eupatorioides* (Linnaeus) Shinnery var. *chlorolepis* (Wooton & Standley) B. Turner

Laciniaria lancifolia Greene = *Liatris lancifolia* (Greene) Kittell
ligulistylis A. Nelson = *Liatris ligulistylis* (A. Nelson) K. Schumann
punctata (Hooker) Kuntze = *Liatris punctata* Hooker

Lactuca lettuce
Hartman, R.L., B. Reif, B.E. Nelson, & B. Jacobs. 2006. New vascular plant records for New Mexico. Sida 22(2):1225-1233.
Koopman, W.J.M., M.J. Zevenbergen, & R.G. Van den Berg. 2001. Species relationships in *Lactuca* s.l. (Lactuceae, Asteraceae) inferred from AFLP fingerprints. Amer. J. Bot. 88:1881-1887.
Stebbins, G.L. 1939. Notes on *Lactuca* in western North America. Madroño 5:123-126.
Strother, J.L. 2006. *Lactuca*, p. 259-263. IN: Flora of North America, vol. 19. Oxford University Press, New York.
Vuilleumier, B. S. 1973. The genera of Lactuceae (Compositae) in the southeastern United States. J. Arnold Arboretum 54: 42-93. [*Lactuca saligna*]

biennis Moench) Fernald [Hartman et al. 2006; Strother 2006]
wild lettuce
Sonchus biennis Moench

canadensis Linnaeus [M&H; W&S]
Canada lettuce

graminifolia Michaux var. **arizonica** McVaugh [M&H; W&S]
Arizona lettuce

integrata (Grenier & Godron) A. Nelson = *Lactuca serriola* Linnaeus

ludoviciana (Nuttall) A.P. de Candolle [M&H; W&S]
Louisiana lettuce

***saligna** Linnaeus [Strother 2006; Vuilleumier 1973]
willow-leaf lettuce

***sativa** Linnaeus [Strother 2006]
garden lettuce

serriola Linnaeus = *Lactuca serriola* Linnaeus
serriola Linnaeus forma *integrifolia* Bogenhard = *Lactuca serriola* Linnaeus

***serriola** Linnaeus [M&H; W&S]
prickly lettuce

- Lactuca integrata* (Grenier & Godron) A. Nelson
Lactuca scariola Linnaeus, a later variant spelling
Lactuca serriola Linnaeus var. *integrata* Grenier & Godron
Lactuca serriola Linnaeus forma *integrifolia* Bogenhard
tatarica (Linnaeus) C.A. Meyer subsp. *pulchella* (Pursh) Stebbins = *Lactuca pulchella* (Pursh) A.P. de Candolle
pulchella (Pursh) A.P. de Candolle [M&H; W&S]
 blue-lettuce
Lactuca tatarica (Linnaeus) C.A. Meyer subsp. *pulchella* (Pursh) Stebbins
Mulgedium pulchellum (Pursh) G. Don
Sonchus pulchellus Pursh
- Laennecia*** woolwort
 Nesom, G.L. 1990. Taxonomy of the genus *Laennecia* (Asteraceae: Astereae). *Phytologia* 68(3):205-228.
- coulteri*** (A. Gray) Nesom [M&H]
 Coulter's woolwort
Conyza coulteri A. Gray
Eschenbachia coulteri (Gray) Rydberg
- schiedeana*** (Lessing) Nesom [M&H; W&S]
 pineland woolwort
Conyza schiedeana (Lessing) Cronquist
Erigeron schiedeanus Lessing
Leptilon integrifolium Wootton & Standley
- sophiifolia*** (Kunth) Nesom [M&H]
 cut-leaf woolwort
Conyza coulteri Gray var. *tenuisecta* Gray
Conyza sophiifolia Kunth
Eschenbachia tenuisecta (Gray) Wootton & Standley
- Laphamia cernua* Greene = *Perityle cernua* (Greene) Shinnars
quinqueflora Steyermark = *Perityle quinqueflora* (Steyermark) Shinnars
staurophylla Barneby = *Perityle staurophylla* (Barneby) Shinnars var. *staurophylla*
- Lappa minus* Hill = *Arctium minus* (Hill) Bernhardt
- Lasianthaea*** daisy
 Strother, J.L. 1991. Taxonomy of *Complaya*, *Elaphandra*, *Iogeton*, *Jefea*, *Wamalchitamin*, *Wedelia*, *Zexmenia*, and *Zyzyxia* (Compositae- Heliantheae-Ecliptinae).
 Syst. Bot. Monogr. 33:1-111.
- podocephala*** (Gray) Baker [M&H]
 San Pedro daisy
Verbesina podocephala Gray
Zexmenia podocephala (Gray) Gray
- Lasthenia*** goldfields
gracilis (A.P. de Candolle) Greene [M&H; W&S] Note: the report is based on a Greene specimen from Grant County, which cannot be located; no other specimens are known from NM
 common goldfields
Baeria chrysostoma Fischer & C.A. Meyer var. *gracilis* (A.P. de Candolle) Hall
Baeria gracilis (A.P. de Candolle) Gray
Burrielia gracilis A.P. de Candolle
- Layia*** tidytips
glandulosa (Hooker) Hooker & Arnott var. ***glandulosa*** [M&H; W&S]
 white tidytips
Blepharipappus glandulosa Hooker
Layia neomexicana Gray
neomexicana Gray = *Layia glandulosa* Hooker
- Leibnitzia*** sunbonnets
 Nesom, G.L. 1983. Biology and taxonomy of American *Leibnitzia* (Asteraceae: Mutisieae). *Brittonia* 35:126-139.
- lyrata*** (Schultz-Bipontinus) G.L. Nesom [M&H; W&S]
 Seemann's sunbonnets
Chaptalia alsophila Greene
Gerbera lyrata Schultz-Bipontinus
Leibnitzia seemanii (Schultz-Bipontinus) G.L. Nesom
seemanii (Schultz-Bipontinus) G.L. Nesom = *Leibnitzia lyrata* (Schultz-Bipontinus) G.L. Nesom
- Leontodon*** hawkbit
 Sivinski, R. 2001. New plant distribution records. *The New Mexico Botanist* 19:3. [*Leontodon taraxacoides*]
 ****saxatilis*** Lamarck [Sivinski 2001]
 lesser hawkbit
Leontodon taraxacoides (Villars) Willdenow ex Mérat (not Hoppe & Hornschuch)
taraxacoides (Villars) Willdenow ex Mérat (not Hoppe & Hornschuch) = *Leontodon saxatilis* Lamarck
- Lepidospartum*** scalebroom
 Sivinski, R. & K. Lightfoot, eds. 1995. Inventory of rare and endangered plants of New Mexico. New Mexico Forestry and Resources Conservation Division, Misc. Publ. No. 4.
 Turner, B.L. 1977. *Lepidospartum burgessii* (Asteraceae, Senecioneae), a remarkable new gypsophilic species from Trans-Pecos Texas. *Wrightii* 5(9):354-355.

burgessii Turner [Sivinski & Lightfoot 1995]
 Burges's scalebroom

Leptilon canadense (Linnaeus) Britton & Brown = *Conyza canadensis* (Linnaeus) Cronquist
integrifolium Wooton & Standley = *Conyza schiediana* (Lessing) Cronquist
Leptosaris sonchoides Nuttall = *Malacothrix sonchoides* (Nuttall) Torrey & Gray
Leucampyx newberryi Gray = *Hymenopappus newberryi* (Gray) I.M. Johnston

Leucanthemum daisy
 ****vulgare*** Lamarck [M&H; W&S]
 oxeye daisy
Chrysanthemum leucanthemum Linnaeus
Chrysanthemum leucanthemum Linnaeus var. *pinnatifidum* Lecoq & Lamotte

Leucelene arenosus Heller = *Chaetopappa ericoides* (Torrey) Nesom
ericoides (Torrey) Greene = *Chaetopappa ericoides* (Torrey) Nesom

Leuciva marsh-elder
 Strother, J.L. 2000. *Hedosyne* (Compositae, Ambrosiinae), a new genus for *Iva ambrosiifolia*. Madroño 47(3):204-205.

dealbata (A. Gray) Rydberg [M&H; W&S]
 wooly marsh-elder
Iva dealbata A. Gray

Leucosyris spinosus (Benthams) Greene = *Chloracantha spinosa* (Benthams) Nesom

Liatris gayfeather
 Gaiser, L.O. 1946. The genus *Liatris*. Rhodora 48:165-183, 216-263, 326, 331-382, 393-412.

lancifolia (Greene) Kittell [M&H; W&S]
 lance-leaf gayfeather
Laciniaria lancifolia Greene

ligulistylis (A. Nelson) K. Schumann [M&H; W&S]
 strap-style gayfeather
Lacinaria ligulistylis A. Nelson

punctata Hooker var. ***mexicana*** Gaiser [Gaiser 1946]
 dotted gayfeather
punctata Hooker var. *nebraskana* Gaiser = *Liatris punctata* Hooker var. *punctata*
punctata Hooker var. ***punctata*** [Gaiser 1946; M&H; W&S]
 dotted gayfeather
Laciniaria punctata (Hooker) Kuntze
Liatris punctata Hooker var. *nebraskana* Gaiser

Ligularia amplexens (Gray) W.A. Weber = *Senecio amplexens* Gray
bigelovii (Gray) W.A. Weber = *Senecio bigelovii* Gray var. *bigelovii*
bigelovii (Gray) W.A. Weber var. *hallii* (Gray) W.A. Weber = *Senecio bigelovii* Gray var. *hallii* Gray
holmii (Greene) W.A. Weber = *Senecio amplexens* A. Gray var. *holmii* (Greene) Harrington
pudica (Greene) W.A. Weber = *Senecio pudicus* Greene
soldanella (Gray) W.A. Weber = *Senecio soldanella* Gray
taraxacoides (Gray) W.A. Weber = *Senecio taraxacoides* Gray

Linosyris bigelovii Gray = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird var. *bigelovii* (Torrey) Nesom & Baird
heterophyllus Gray = *Isocoma pluriflora* (Torrey & Gray) Greene
pulchella Gray = *Lorandersonia pulchella* (Gray) Urbatsch, Roberts & Neubig
texana Torrey & Gray = *Baccharis texana* (Torrey & Gray) Gray

Logfia cotton-rose
filaginoides (Hooker & Arnott) Morefield [Spellenberg et al. 1986]
 California cotton-rose
Filago californica Nuttall

Lorandersonia rabbitbrush
 Urbatsch, L.E., R.P. Roberts, & K.M. Neubig. 2006. *Lorandersonia*, p. 177-181. IN: Flora of North America, vol. 20. Oxford University Press, New York.

baileyi (Wooton & Standley) Urbatsch, Roberts & Neubig [Anderson 1986; M&H; W&S]
 Bailey's rabbitbrush
Ericameria pulchella (Gray) L.C. Anderson subsp. *baileyi* (Wooton & Standley) L.C. Anderson
Chrysothamnus baileyi Wooton & Standley
Chrysothamnus pulchellus (Gray) Greene subsp. *baileyi* (Wooton & Standley) Hall & Clements

linifolia (Greene) Urbatsch, Roberts & Neubig [Anderson 1986; M&H; W&S]
 spear-leaf rabbitbrush
Chrysothamnus linifolius Greene
Chrysothamnus viscidiflorus (Hooker) Nuttall subsp. *linifolius* (Greene) Hall & Clements
Ericameria linifolia (Greene) L.C. Anderson

microcephalus (Cronquist) Urbatsch, Roberts & Neubig [M&H]
 small-headed rabbitbrush
Haplopappus microcephalus Cronquist
Ericameria microcephala (Cronquist) Kartesz & Gandhi
Tonestus microcephalus (Cronquist) Nesom & Morgan

pulchella (Gray) Urbatsch, Roberts & Neubig [Anderson 1986; M&H; W&S]

southwestern rabbitbrush

Bigelovia pulchella Gray
Chrysothamnus elatior Standley
Chrysothamnus pulchellus (Gray) Greene
Chrysothamnus pulchellus (Gray) Greene subsp. *elatior* (Standley) Hall & Clements
Ericameria pulchella (Gray) L.C. Anderson
Ericameria pulchella (Gray) L.C. Anderson var. *elatior* (Standley) L.C. Anderson
Linosyris pulchella Gray

spathulata (L.C. Anderson) Urbatsch, Roberts & Neubig [Anderson 1986]

Guadalupe rabbitbrush

Chrysothamnus spathulatus L.C. Anderson
Chrysothamnus viscidiflorus (Nuttall) Hooker subsp. *ludens* Shinnery
Ericameria spathulata (L.C. Anderson) L.C. Anderson

Lowellia aurea Gray = *Thymophylla aurea* (Gray) Greene ex Britton var. *aurea*

Lygodesmia skeleton-plant

Bogler, D.J. 2006. *Lygodesmia*, p. 369-373. IN: Flora of North America, vol. 19. Oxford University Press, New York.
Kittell, M.T. 1941. A Critical Revision of the Compositae of Arizona and New Mexico. The Catholic University of America, Biological Series No. 34.
[*Lygodesmia grandiflora*]

Parfitt, B.D. 1987. Noteworthy collections, New Mexico. Madroño 34:171. [*Lygodesmia grandiflora*]
Tomb, A.S. 1980. Taxonomy of *Lygodesmia* (Asteraceae). Syst. Bot. Monogr. 1:1-51.
aphylla (Nuttall) A.P. de Candolle var. *texana* Torrey & Gray = *Lygodesmia texana* (Torrey & Gray) Greene
arizonica Tomb = *Lygodesmia grandiflora* (Nuttall) Torrey & Gray var. *arizonica* (Tomb) S.L. Welsh
bigelovii (Gray) Shinnery = *Stephanomeria exigua* Nuttall subsp. *exigua*
exigua Gray = *Prenanthes exigua* (Gray) Rydberg

grandiflora (Nuttall) Torrey & Gray var. ***arizonica*** (Tomb) S.L. Welsh [Tomb 1980]

Arizona skeleton-plant

grandiflora (Nuttall) Torrey & Gray var. ***grandiflora*** [Kittell 1941; M&H; Parfitt 1987]

rush-pink

Erythemia grandiflora Nuttall

juncea (Pursh) D. Don ex Hooker [M&H; Tomb 1980]

rush skeleton-plant

Prenanthes juncea Pursh

minor Hooker = *Stephanomeria minor* (Hooker) Nuttall

ramosissima Greenman : M&H erroneously attribute to Tomb (1980) the report of *Lygodesmia ramosissima* Greenman for NM.

texana (Torrey & Gray) Greene [M&H; Tomb 1980]

Texas skeleton-plant

Lygodesmia aphylla (Nuttall) A.P. de Candolle var. *texana* Torrey & Gray

thurberi (Gray) Shinnery = *Stephanomeria thurberi* Gray

Macdougalia bigelovii (Gray) Heller = *Hymenoxys bigelovii* (Gray) Parker

Machaeranthera spine-aster

Hartman, R.L. 1990. A conspectus of *Machaeranthera* (Asteraceae: Astereae). Phytologia 68:439-465.
Morgan, D.R. & R.L. Hartman. 2003. A synopsis of *Machaeranthera* (Asteraceae: Astereae), with recognition of segregate genera. Sida 20(4):1387-1416.
Turner, B.L. 1987. Taxonomic study of *Machaeranthera*, sections *Machaeranthera* and *Hesperastrum* (Asteraceae). Phytologia 62:207-266.
Turner, B.L., J. Bacon, & T. Wendt. 1975. Chromosomes and phyletic position of *Aster sonora* Gray (Asteraceae-sect. *Oxytripolium*). Southw. Natural. 19(4):361-364.

Turner, B.L. and R.L. Hartman. 1976. Intraspecific categories of *Machaeranthera pinnatifida* (Compositae). Wrightia 5:308-315.

amplifolia Wootton & Standley = *Dieteria asteroides* Torrey var. *asteroides*
angustifolia Wootton & Standley = *Dieteria canescens* (Pursh) Nuttall var. *ambigua* (B.L. Turner) Morgan & Hartman
aquifolia Greene = *Dieteria bigelovii* (Gray) Morgan & Hartman var. *bigelovii*
asteroides (Torrey) Greene var. *asteroides* = *Dieteria asteroides* Torrey var. *asteroides*
asteroides (Torrey) Greene var. *glandulosa* B.L. Turner = *Dieteria asteroides* Torrey var. *glandulosa* (B.L. Turner) Morgan & Hartman
australis (Greene) Shinnery = *Xanthisma spinulosum* (Pursh) Morgan & Hartman var. *spinulosum*
bigelovii (Gray) Greene var. *bigelovii* = *Dieteria bigelovii* (Gray) Morgan & Hartman
blephariphylla (Gray) Shinnery = *Xanthisma blephariphyllum* (Gray) Morgan & Hartman
brevilingulata (Schultz-Bipontinus ex Hemsley) B.L. Turner & Horne = *Psilactis brevilingulata* Schultz-Bipontinus ex Hemsley
boltoniae (Greene) Turner & Horne = *Psilactis asteroides* Gray
canescens (Pursh) Gray s.s. [= *Dieteria canescens* (Pursh) Nuttall s.s.] : Not known from NM according to Turner (1987).
canescens (Pursh) Gray var. *ambigua* B.L. Turner = *Dieteria canescens* (Pursh) Nuttall var. *ambigua* (B.L. Turner) Morgan & Hartman
canescens (Pursh) Gray var. *aristata* (Eastwood) B.L. Turner = *Dieteria canescens* (Pursh) Nuttall var. *aristata* (Eastwood) Morgan & Hartman

canescens (Pursh) Gray var. *glabra* Gray = *Dieteria canescens* (Pursh) Nuttall var. *glabra* (Gray) Morgan & Hartman

canescens (Pursh) Gray var. *incana* (Lindley) Gray = *Dieteria asteroides* Torrey var. *asteroides*

canescens (Pursh) Gray var. *latifolia* Gray = *Dieteria asteroides* Torrey var. *asteroides*

centaureoides Greene = *Dieteria bigelovii* (Gray) Morgan & Hartman

cichoriacea Greene = *Dieteria canescens* (Pursh) Nuttall var. *aristata* (Eastwood) Morgan & Hartman

coronopifolia (Nuttall) A. Nelson = *Machaeranthera tanacetifolia* (Humboldt, Bonpland, & Kunth) Nees

gracilis (Nuttall) Shinnery = *Xanthisma gracile* (Nuttall) Morgan & Hartman

grindelioides (Nuttall) Shinnery = *Xanthisma grindelioides* (Nuttall) Morgan & Hartman

gymnocephala auct. non (A.P. de Candolle) Shinnery = *Xanthisma blephariphyllum* (Gray) Morgan & Hartman

gypsitherma Nesom, Vorobik, & Hartman = *Arida blephariphylla* (Gray) Morgan & Hartman

gypsophila B.L. Turner = *Xanthisma gypsophilum* (B.L. Turner) Morgan & Hartman
havardii (Waterfall) Shinnars = *Xanthisma viscidum* (Wooton & Standley) Morgan & Hartman
humilis Standley = *Machaerathera tagetina* Greene
linearis Greene = *Dieteria canescens* (Pursh) Nuttall var. *glabra* (Gray) Morgan & Hartman
parviflora Gray = *Arida parviflora* (Gray) Morgan & Hartman
pinnatifida (Hooker) Shinnars var. *chihuahuana* B.L. Turner & Hartman = *Xanthisma spinulosum* (Pursh) Morgan & Hartman var.
chihuahuanum (Turner & Hartman) Morgan & Hartman
pinnatifida (Hooker) Shinnars var. *glaberrima* (Rydberg) Turner & Hartman = *Xanthisma spinulosum* (Pursh) Morgan & Hartman var.
glaberrimum (Rydberg) Morgan & Hartman
pinnatifida (Hooker) Shinnars var. *pinnatifida* = *Xanthisma spinulosum* (Pursh) Morgan & Hartman var. *spinulosum*
pygmaea (Gray) Wooton & Standley = *Arida parviflora* (Gray) Morgan & Hartman
riparia (Kunth) A.G. Jones = *Arida riparia* (Kunth) Morgan & Hartman
rubricaulis Rydberg = *Dieteria bigelovii* (Gray) Morgan & Hartman var. *bigelovii*
simplex Wooton & Standley = *Dieteria asteroides* Torrey
sonorae (Gray) Stucky = *Arida riparia* (Kunth) Morgan & Hartman
tagetina Greene [M&H; Turner 1987; W&S]
 mesa spine-aster
Aster tagetinus (Greene) Blake
Machaerantha humilis Standley
Machaerantha tanacetifolia (Humboldt, Bonpland, & Kunth) Nees var. *humilis* Gray
tanacetifolia (Humboldt, Bonpland, & Kunth) Nees [M&H; Turner 1987; W&S]
 Tahoka-daisy
Aster tanacetifolius Humboldt, Bonpland, & Kunth
Dieteria coronopifolia Nuttall
Machaerantha coronopifolia (Nuttall) A. Nelson
tanacetifolia (Humboldt, Bonpland, & Kunth) Nees var. *humilis* Gray = *Machaerantha tagetina* Greene
tephrodes (Gray) Greene = *Dieteria asteroides* Torrey
viscida (Wooton & Standley) Hartman = *Xanthisma viscidum* (Wooton & Standley) Morgan & Hartman
viscosa (Nuttall) Greene = *Dieteria canescens* (Pursh) Nuttall s.s.; the Cockerell specimen cited in W&S for NM belongs to var. *glabra*
 (Gray) Morgan & Hartman [Turner 1987].

Macrorhynchus heterophyllus Nuttall = *Agoseris heterophylla* (Nuttall) Greene var. *heterophylla*

Madia tarweed

glomerata Hooker [M&H; W&S]

mountain tarweed

Malacothrix desert-dandelion

Spellenberg, R. 2005. Plant distribution reports (*Malacothrix stebbinsii*, *Melampodium longicorne*). The New Mexico Botanist 33:7.

Williams, E.W. 1957. The genus *Malacothrix* (Compositae). Amer. Midl. Naturalist 58:494-512.

fendleri Gray [M&H; W&S; Williams 1957]

Fendler's desert-dandelion

glabrata (D.C. Eaton ex A. Gray) A. Gray [Sivinski et al. 1995]

smooth desert-dandelion

sonchoides (Nuttall) Torrey & Gray [M&H; Williams 1957]

yellow-saucers

Leptoseria sonchoides Nuttall

sonorae Davis & Raven [Spellenberg et al. 1986]

Sonoran desert-dandelion

stebbinsii W.H. Davis & P.H. Raven [Spellenberg 2005]

Stebbins's desert-dandelion

Maruta cotula (Linnaeus) A.P. de Candolle = *Anthemis cotula* Linnaeus

Matricaria pineappleweed

Bremer, K., H. Eklund, G. Medhanie, S. Heidmarsson, N. Laurent, J. Maad, J. Niklasson, & A. Nordin. 1996. On the delimitation of *Matricaria* versus

Microcephala (Asteraceae: Anthemideae). Pl. Syst. Evol. 200:263-271.

Cronquist, A. 1994. *Matricaria*, pp. 136-138. IN: Intermountain Flora, vol. 5. New York Botanical Garden.

****discoidea*** A.P. de Candolle [Sivinski et al. 1994]

pineappleweed

Matricaria matricarioides auct non (Lessing) Porter

matricarioides auct non (Lessing) Porter = *Matricaria discoidea* A.P. de Candolle

Melampodium blackfoot-daisy

Spellenberg, R. 2005. Plant distribution reports (*Malacothrix stebbinsii*, *Melampodium longicorne*). The New Mexico Botanist 33:7.

Stuessy, T.F. 1972. Revision of *Melampodium* (Compositae: Heliantheae). Rhodora 74:1-70, 161-219.

leucanthum Torrey & Gray [M&H; W&S]

plains blackfoot-daisy

longicorne A. Gray [Spellenberg 2005]

Arizona blackfoot-daisy

strigosum Stuessy [Spellenberg et al. 1993]

shaggy blackfoot-daisy

Mesadenia decomposita (Gray) Standley = *Psacalium decompositum* (Gray) Robinson & Bretting

Microseris cuspidata (Pursh) Schultz-Bipontinus = *Nothocalais cuspidata* (Pursh) Greene
lindleyi (A.P. de Candolle) Gray = *Uropappus lindleyi* (A.P. de Candolle) Nuttall
linearifolia (A.P. de Candolle) Schultz-Bipontinus = *Uropappus lindleyi* (A.P. de Candolle) Nuttall
Nemoseris neomexicana (Gray) Greene = *Rafinesquia neomexicana* Gray
Nicolletia edwardsii Gray : Reported as expected by M&H map; awaits verification.

Nothocalais prairie dandelion
cuspidata (Pursh) Greene [M&H]
prairie dandelion
Agoseris cuspidata (Pursh) Steudel
Microseris cuspidata (Pursh) Schultz-Bipontinus
Torximon cuspidatum Pursh

Oedera trinervia Sprengel = *Flaveria trinervia* (Sprengel) C. Mohr
Oligoneuron canescens Rydberg = *Solidago rigida* Linnaeus var. *humilis* Porter
rigidum (Linnaeus) Small var. *humile* (Porter) Nesom = *Solidago rigida* Linnaeus var. *humilis* Porter

Onopordum Scotch-thistle
Sivinski, R., T. Lowrey, & R. Peterson. 1994. Additions to the native and adventive flora of New Mexico. *Phytologia* 76(6):473-479. [*Onopordum acanthium*]
**acanthium* Linnaeus [Sivinski et al. 1994]
Scotch-thistle

Oreochrysum goldenrod
Keller, C.F. 1999. New Mexico *Solidagos*: A preliminary look at a difficult problem, with a tentative key. *The New Mexico Botanist* 11:1-5.
parryi (Gray) Rydberg [M&H; W&S]
Parry's goldenrod
Haplopappus parryi Gray
Solidago parryi (Gray) Greene

Osteospermum African daisybush
Strother, J.L. 2006. *Osteospermum*, p. 382-383. IN: *Flora of North America*, vol. 19. Oxford University Press, New York. [*Osteospermum spinescens*]
spinescens Thunberg [Strother 2006]
spiny daisybush

Othake macrolepis Rydberg = *Palafoxia rosea* (Bush) Cory var. *macrolepis* (Rydberg) Turner & Morris
sphacelatum (Nuttall) Rydberg = *Palafoxia sphacelata* (Nuttall ex Torrey) Cory
texanum (A.P. de Candolle) Bush (= *Palafoxia texana* A.P. de Candolle var. *texana*) : Reported by W&S, but not occurring in NM according to Turner & Morris (1976); our material is *Palafoxia rosea* (Bush) Cory var. *macrolepis*, q.v.
texanum (A.P. de Candolle) Bush var. *macrolepis* (Rydberg) Ammerman = *Palafoxia rosea* (Bush) Cory var. *macrolepis* (Rydberg) Turner & Morris

Oxytenia copperweed
Hershey, A.L. & P.J. Leyendecker, Jr. 1944. Notes on plants of New Mexico—III. Leaflets of *Western Botany* 4(2):21-25. [*Oxytenia acerosa*]
Strother, J.L. 2000. *Hedosyne* (Compositae, Ambrosiinae), a new genus for *Iva ambrosiifolia*. *Madroño* 47(3):204-205.
acerosa Nuttall [Hershey & Leyendecker 1944; M&H]
copperweed
Iva acerosa (Nuttall) Jackson

Packera ragwort
Barkley, T.M. 1962. A revision of *Senecio aureus* Linn. and allied species. *Trans. Kansas Acad. Sci.* 65:318-408.
Barkley, T.M. 1999. The segregates of *Senecio*, s.l., and *Cacalia*, s.l., in the flora of North America north of Mexico. *Sida* 18(3):661-672.
Sivinski, R. 2001. New plant distribution records. *The New Mexico Botanist* 18:3. [*Senecio quercetorum*, *S. neomexicanum toumeyii*]
Trock, D.K. 2006. *Packera*, p. 570-602. IN: *Flora of North America*, vol. 20. Oxford University Press.
Trock, D.K. & T.M. Barkley. 1998. Seven new nomenclatural combinations and a new name in *Packera* (Asteraceae: Senecioneae). *Sida* 18(2):385-388.
Welsh, S.L., N.D. Atwood, S. Goodrich, & L.C. Higgins (eds.). 2003. *A Utah Flora*. 3rd ed, revised. Provo, Utah: Brigham Young University Press. [*Senecio cliffordii*]
Worthington, R.D. 2000. New plant distribution records. *The New Mexico Botanist* 15:7. [*Packera obovata*]
cana (Hooker) W.A. Weber & A. Löve [Spellenberg et al. 1986; Trock 2006]
silver ragwort
Senecio canus Hooker
cardamine (Greene) W.A. Weber & A. Löve [M&H; Trock 2006; W&S]
bitter-cress ragwort
Senecio cardamine Greene
crocata (Rydberg) W.A. Weber & A. Löve [Trock 2006]
saffron ragwort
Senecio crocatus Rydberg
+*cyntioides* (Greene) W.A. Weber & A. Löve [M&H; Trock 2006; W&S]
White Mountain ragwort
Senecio cyntioides Greene
dimorphophylla (Greene) W.A. Weber & A. Löve var. *dimorphophylla* [Spellenberg et al. 1986; Trock 2006]
split-leaf ragwort
Senecio dimorphophyllus Greene
fendleri (Gray) W.A. Weber & A. Löve [M&H; Trock 2006; W&S]
Fendler's ragwort
Senecio fendleri Gray
Senecio canovirens Rydberg

hartiana (Heller) W.A. Weber & A. Löve [M&H; Trock 2006]
 Hart's ragwort
Packera quaerens (Greene) W.A. Weber & A. Löve
Senecio flavulus Wooton & Standley in part
Senecio hartianus Heller
Senecio quaerens Greene

multilobata (Torrey & Gray ex Gray) W.A. Weber & A. Löve [M&H; Trock 2006]
 lobe-leaf ragwort
Senecio multilobatus Torrey & Gray ex Gray

neomexicana (Gray) W.A. Weber & A. Löve var. **mutabilis** (Greene) W.A. Weber & A. Löve [M&H; Trock 2006; W&S]
 New Mexico ragwort
Packera neomexicana (Gray) W.A. Weber & A. Löve var. *metcalfei* (Greene) Trock & Barkley
Senecio metcalfei Greene
Senecio mutabilis Greene
Senecio neomexicanus Gray var. *mutabilis* (Greene) T.M. Barkley

neomexicana (Gray) W.A. Weber & A. Löve var. **neomexicana** [M&H; Trock 2006; W&S]
 New Mexico ragwort
Senecio eurypterus Greenman
Senecio neomexicanus Gray
Senecio oresbius Greenman
Senecio thurberi Gray

neomexicana (Gray) W.A. Weber & A. Löve var. *metcalfei* (Greene) Trock & Barkley = *Packera neomexicana* (Gray) W.A. Weber & A. Löve var. *mutabilis* (Greene) W.A. Weber & A. Löve

neomexicana (Gray) W.A. Weber & A. Löve var. **toumeyii** (Greene) Trock & Barkley [Sivinski 2001; Trock 2006]
 Toumey's ragwort
Senecio neomexicanus Gray var. *toumeyii* (Greene) T.M. Barkley
Senecio toumeyii Greene

obovata (Muhlenberg ex Willdenow) W.A. Weber & A. Löve [Trock 2006; Worthington 2000]
 roundleaf ragwort
Senecio obovatus Muhlenberg ex Willdenow

paupercula (Michaux) W.A. Weber & A. Löve [M&H] Note: Not reported for NM by Trock (2006); perhaps warrants verification.
 balsam ragwort
Senecio flavovirens Rydberg
Senecio pauperculus Michaux

plattensis (Nuttall) W.A. Weber & A. Löve [Great Plains Flora Association 1977; Mahoney et al. 2002; Trock 2006]
 Platt River ragwort
Senecio plattensis Nuttall

pseudaurea (Rydberg) W.A. Weber & A. Löve var. **flavula** (Greene) Trock & Barkley [Barkley 1962; M&H; Trock 2006; W&S]
 streambank ragwort
Senecio flavulus Greene
Senecio pseudaureus Rydberg var. *flavulus* (Greene) Greenman

quaerens (Greene) W.A. Weber & A. Löve = *Packera hartiana* (Heller) W.A. Weber & A. Löve

quercetorum (Greene) C. Jeffrey [Sivinski 2001; Trock 2006]
 oak-leaf ragwort
Senecio quercetorum Greene

+**sanguisorboides** (Rydberg) W.A. Weber & A. Löve [M&H; Trock 2006; W&S]
 burnet ragwort
Senecio sanguisorboides Rydberg

+**spellenbergii** (T.M. Barkley) C. Jeffrey [Barkley 1989; Trock 2006; Welsh et al. 2003]
 Spellenberg's ragwort
Senecio spellenbergii T.M. Barkley
Senecio cliffordii Atwood & Welsh

streptanthifolia (Greene) W.A. Weber & A. Löve [M&H; Trock 2006; W&S]
 Rocky Mountain ragwort
Senecio acutidens Rydberg
Senecio cymbalarioides Nuttall
Senecio streptanthifolius Greene

tridenticulata (Rydberg) W.A. Weber & A. Löve [Barkley 1962; M&H; Trock 2006; W&S]
 three-toothed ragwort
Senecio oblanceolatus Rydberg
Senecio remifolius Wooton & Standley
Senecio tridenticulatus Rydberg

wernerüfolia (Gray) W.A. Weber & A. Löve [M&H; Trock 2006; W&S]
 rocky ragwort
Senecio pentadontus Greene

- Senecio saxosus* Klatt
Senecio wernerifolius (Gray) Gray
- Palafoxia** palafox
 Turner, B.L. and M.I. Morris. 1976. Systematics of *Palafoxia* (Asteraceae: Helenieae). *Rhodora* 78:567-628.
callosa (Nuttall) Torrey & Gray : Reported as expected by M&H, but not likely to be found here according to Turner & Morris (1976).
rosea (Bush) Cory var. *macrolepis* (Rydberg) Turner & Morris [M&H; W&S]
 rosy palafox
Othake macrolepis Rydberg
Othake texanum (A.P. de Candolle) Bush var. *macrolepis* (Rydberg) Ammerman
Palafoxia texana A.P. de Candolle var. *macrolepis* (Rydberg) Shinnars
- sphacelata** (Nuttall ex Torrey) Cory [M&H; W&S]
 rotting palafox
Othake sphacelatum (Nuttall) Rydberg
Polypteris hookeriana Gray
Stevia sphacelata Nuttall
texana A.P. de Candolle var. *macrolepis* (Rydberg) Shinnars = *Palafoxia rosea* (Bush) Cory var. *macrolepis* (Rydberg) Turner & Morris
 Parthenice mollis Gray : Reported as expected by M&H map; awaits verification.
- Parthenium** feverfew
 Rollins, R.C. 1950. The guayule rubber plant and its relatives. *Contr. Gray Herb.* 172:1-72.
alpinum (Nuttall) Torrey & Gray [Spellenberg 1984]
 alpine feverfew
confertum Gray var. *lyratum* (Gray) Rollins [M&H; W&S]
 Gray's feverfew
Parthenium hysterophorus Linnaeus
Parthenium lyratum Gray
hysterophorus Linnaeus = *Parthenium confertum* Gray var. *lyratum* (Gray) Rollins
incanum Humboldt, Bonpland, & Kunth [M&H; W&S]
 mariola
lyratum Gray = *Parthenium confertum* Gray var. *lyratum* (Gray) Rollins
- Pectis** lemonweed, chinchweed
 Allred, K.W. 1999. New plant distribution records. *The New Mexico Botanist* 13:7. [*Pectis cylindrica*]
 Keil, D.J. 1977. A revision of *Pectis* section *Pectothrix* (Compositae: Tageteae). *Rhodora* 79(817):32-78.
angustifolia Torrey var. *angustifolia* [Keil 1977; M&H; W&S]
 lemonweed, limoncillo
Pectis papposa Harvey & Gray var. *sessilis* M.E. Jones
angustifolia Torrey var. *tenella* (A.P. de Candolle) Keil [Keil 1977]
 lemonweed, limoncillo
cylindrica (Fernald) Rydberg [Allred 1999]
 Sonoran lemonweed
Pectis prostrata Cavanilles var. *cylindrica* Fernald
filipes Harvey & Gray var. *subnuda* Fernald [Keil 1977; M&H; W&S]
 threadleaf lemonweed
longipes Gray [M&H]
 stalked lemonweed
papposa Harvey & Gray var. *grandis* Keil [Keil 1977]
 lemonweed, limoncillo
papposa Harvey & Gray var. *papposa* [Keil 1977; M&H; W&S]
 lemonweed, limoncillo
papposa Harvey & Gray var. *sessilis* M.E. Jones = *Pectis angustifolia* Torrey var. *angustifolia*
prostrata Cavanilles [M&H; W&S]
 dwarf lemonweed
Pectis urceolata Rydberg
prostrata Cavanilles var. *cylindrica* Fernald = *Pectis cylindrica* (Fernald) Rydberg
taxifolia Greene = *Chrysactinia mexicana* Gray
urceolata Rydberg = *Pectis prostrata* Cavanilles
- Pentzia** African sheepbush
 **incana* (Thunberg) O. Kuntze [Spellenberg et al. 1993]
 African sheepbush
- Perezia nana* Gray = *Acourtia nana* (Gray) Reveal & King
thurberi Gray = *Acourtia thurberi* (Gray) Reveal & King
wrightii Gray = *Acourtia wrightii* (Gray) Reveal & King
- Pericome** trail-leaf
caudata Gray [M&H; W&S]
 mountain trail-leaf
Pericome caudata Gray var. *glandulosa* (Goodman) Harrington
Pericome glandulosa Goodman

caudata Gray var. *glandulosa* (Goodman) Harrington = *Pericome caudata* Gray
glandulosa Goodman = *Pericome caudata* Gray

Perityle rock-daisy

Hall, H.H. & S. Flowers. 1961. Vascular plants found in the Navajo Reservoir Basin, pp. 47-87. IN: D.M. Pendergast (ed.). Ecological studies of the flora and fauna of Navajo Reservoir Basin, Colorado and New Mexico. Univ. Utah Anthropological Papers, number 55.
Hershey, A.L. 1940. Notes on New Mexico plants -- II. Leaflets of Western Botany 2(15):257-258. [*Perityle quinqueflora*]
Powell, A.M. 1973. Taxonomy of *Perityle* section *Laphamia* (Compositae- Helenieae- Peritylinae). Sida 5(2):61-128.
Todsens, T.K. 1973. Comments on New Mexico flora. Sida 5(2):135. [*Perityle lemmonii*]
Yarborough, S.C. & A.M. Powell. 2006. *Perityle*, pp. 317-334. IN: Flora of North America, vol. 21. Oxford University Press.

+*cernua* (Greene) Shinners [M&H; Todsens 1973; W&S]

Organ Mountain rock-daisy

Laphamia cernua Greene

congesta (M.E. Jones) Shinners : Reported by Hall & Flowers (1961, as *Laphamia congesta* M.E. Jones), but this known only from Arizona; awaits verification.

coronopifolia Gray [M&H; W&S]

crow-foot rock-daisy

dissecta sensu M&H = *Perityle lemmonii* (Gray) MacBride

dissecta Torrey subsp. *lemmonii* (Gray) W.E. Niles = *Perityle lemmonii* (Gray) MacBride

lemmonii (Gray) MacBride [Todsens 1973]

Lemmon's rock-daisy

Perityle dissecta sensu M&H

Perityle dissecta Torrey subsp. *lemmonii* (Gray) W.E. Niles

megaloccephala (S. Watson) J.F. Macbride : Reported by Hall & Flowers (1961, as *Laphamia megaloccephala*), but this known only from California and Nevada; awaits verification.

quinqueflora (Steeyermark) Shinners [Hershey 1940; M&H]

five-flower rock-daisy

Laphamia quinqueflora Steeyermark

+*staurophylla* (Barneby) Shinners var. *homoflora* Todsens [Todsens 1983]

New Mexico rock-daisy

+*staurophylla* (Barneby) Shinners var. *staurophylla* [M&H]

New Mexico rock-daisy

Laphamia staurophylla Barneby

Petradoria goldenrod

Anderson, L.C. 1963. Studies on *Petradoria* (Compositae): anatomy, cytology, taxonomy. Trans. Kansas Acad. Sci. 66:632-684.

graminea Wootton & Standley = *Petradoria pumila* (Nuttall) Greene var. *graminea* (Wootton & Standley) S.L. Welsh

pumila (Nuttall) Greene subsp. *graminea* (Wootton & Standley) L.C. Anderson = *Petradoria pumila* (Nuttall) Greene var. *graminea* (Wootton & Standley) S.L. Welsh

pumila (Nuttall) Greene var. *graminea* (Wootton & Standley) S.L. Welsh [M&H; W&S]

grassy goldenrod

Petradoria graminea Wootton & Standley

Petradoria pumila (Nuttall) Greene subsp. *graminea* (Wootton & Standley) L.C. Anderson

Solidago graminea (Wootton & Standley) Blake

pumila (Nuttall) Greene var. *pumila* [M&H; W&S]

rock goldenrod

Solidago petradoria Blake

Picradenia helenioides Rydberg = *Hymenoxys helenioides* (Rydberg) Cockerell

richardsonii Hooker = *Hymenoxys richardsonii* (Hooker) Cockerell var. *richardsonii*

vaseyi (Gray) Greene = *Hymenoxys vaseyi* (Gray) Cockerell

Picradeniopsis false bahia

Steussy, T.R., R.S. Irving, and W.L. Ellison. 1973. Hybridization and evolution in *Picradeniopsis* (Compositae). Brittonia 25:40-56.

dealbata (Gray) Wootton & Standley = *Bahia absinthifolia* Benth

oppositifolia (Nuttall) Rydberg ex Britton [M&H; W&S]

false bahia

Bahia oppositifolia (Nuttall) Gray

woodhousei (Gray) Rydberg [M&H; W&S]

Woodhouse's false bahia

Achyropappus woodhousei Gray

Bahia woodhousei (Gray) Gray

Picrothamnus desertorum Nuttall = *Artemisia spinescens* D.C. Eaton

Pinaropappus rock-lettuce

Hershey, A.L. & P.J. Leyendecker, Jr. 1944. Notes on plants of New Mexico—III. Leaflets of Western Botany 4(2):21-25. [*Pinaropappus parvus*]

parvus Blake [Hershey & Leyendecker 1944; M&H]

small rock-lettuce

roseus Lessing var. *foliosus* (Heller) Shinners = *Pinaropappus roseus* Lessing

roseus Lessing [M&H]

rock-lettuce

Pinaropappus roseus Lessing var. *foliosus* (Heller) Shinners

Platyschkuhria basin-daisy

Brown, G.K. 1983. Chromosome numbers in *Platyschkuhria* Rydberg (Compositae) and their systematic significance. Amer. J. Bot. 70:591-601.
Ellison, W.L. 1964. A systematic study of the genus *Bahia* (Compositae). Rhodora 66:67-86, 177-215, 281-311.
Ellison, W.L. 1971. Taxonomy of *Platyschkuhria* (Compositae). Brittonia 23:269-279.

integrifolia (Gray) Rydberg var. **oblongifolia** (Gray) Ellison [M&H; W&S]
basin-daisy

Bahia oblongifolia Gray
Bahia nudicaulis Gray var. *oblongifolia* (Gray) Cronquist
Eriophyllum oblongifolium (Gray) Kuntze
Schkuhria integrifolia Gray var. *oblongifolia* Gray

Plectocephalus basketflower

Allred, K.W. & R. Lee. 1999. Knapweeds, starthistles, and basketflowers of New Mexico. The New Mexico Botanist 10:1-4.

americanus (Nuttall) D. Don [Allred & Lee 1999; M&H; W&S]
American basketflower

Centaurea americana Nuttall

rothrockii (Greenman) D.J.N. Hind [Allred & Lee 1999; M&H]
Rothrock's basketflower

Centaurea rothrockii Greenman

Pluchea arrow-weed

Gillis, W.T. 1977. *Pluchea* revisited. Taxon 26:587-591.

Nesom, G.L. 1989. New species, new sections, and a taxonomic overview of American *Pluchea* (Compositae: Inuleae). Phytologia 67(2):158-167.
camphorata sensu W&S = *Pluchea odorata*

odorata (Linnaeus) Cassini [M&H; W&S]
sweet-scent

Pluchea camphorata sensu W&S
Pluchea purpurascens (Swartz) A.P. de Candolle
Conyza purpurascens Swartz

purpurascens (Swartz) A.P. de Candolle = *Pluchea odorata* (Linnaeus) Cassini
sericea (Nuttall) Cavanilles [M&H; W&S]
arrow-weed

Berthelotia sericea (Nuttall) Rydberg
Polypappus sericeus Nuttall
Tessaria sericea (Nuttall) Shinnars

Plummera ambigens of NM authors = *Hymenoxys ambigens* (S.F. Blake) Bierner var. *neomexicana* Wagner, Fletcher, & Shannon

Podospermum laciniatum (Linnaeus) A.P. de Candolle = *Scorzonera laciniata* Linnaeus

Polypappus sericeus Nuttall = *Pluchea sericea* (Nuttall) Cavanilles

Polypteris hookeriana Gray = *Palafoxia sphacelata* (Nuttall ex Torrey) Cory

Porophyllum poreleaf

Johnson, R.R. 1969. Monograph of the plant genus *Porophyllum* (Compositae: Helenieae). Univ. Kansas Sci. Bull. 48:225-267.

gracile Benthham [Johnson 1969; M&H]
slender poreleaf

macrocephalum A.P. de Candolle = *Porophyllum ruderales* (Jacquin) Cassini subsp. *macrocephalum* (A.P. de Candolle) R.R. Johnson
ruderales (Jacquin) Cassini subsp. **macrocephalum** (A.P. de Candolle) R.R. Johnson [M&H]

yerba porosa

Porophyllum macrocephalum A.P. de Candolle

scoparium Gray [Johnson 1969; M&H; W&S]
Trans-Pecos poreleaf

Prenanthes brightwhite

Tomb, A.S. 1972. Re-establishment of the genus *Prenanthes* Rydberg (Compositae: Cichorieae). Brittonia 24:223-228.

exigua (Gray) Rydberg [M&H; Sivinski 1997; Spellenberg et al. 1986]
brightwhite

Lygodesmia exigua (Gray) Gray
Prenanthes exigua Gray

Prenanthes exigua Gray = *Prenanthes exigua* (Gray) Rydberg

junceae Pursh = *Lygodesmia juncea* (Pursh) D. Don ex Hooker

pauciflora Torrey = *Stephanomeria pauciflora* (Torrey) A. Nelson

tenuifolia Torrey [not Linnaeus] = *Stephanomeria minor* (Hooker) Nuttall

Prionopsis ciliata Nuttall = *Grindelia ciliata* (Nuttall) Sprengel

Psacalium Indianbush

Barkley, T.M. 1999. The segregates of *Senecio*, s.l., and *Cacalia*, s.l., in the flora of North America north of Mexico. Sida 18(3):661-672.

Robinson, H. and R.D. Brettell. 1973. Studeis in the Senecioneae (Asteraceae). III. The genus *Psacalium*. Phytologia 27(4):254-264.

decompositum (Gray) H.E. Robinson & Brett [M&H; W&S]
desert Indianbush

Cacalia decomposita Gray
Mesadenia decomposita (Gray) Standley

Psathyrotes annua (Nuttall) Gray : Reported by W&S based on erroneous information about the type locality.

scaposa Gray = *Psathyrotopsis scaposa* (Gray) H. Robinson

Psathyrotopsis turtleback

- Cronquist, A. 1994. *Psathyrotes*, pp. 101-102. IN: Intermountain Flora, vol. 5. New York Botanical Garden.
- Strother, J.L. & G. Pilz. 1975. Taxonomy of *Psathyrotes* (Compositae: Senecioneae). *Madroño* 23:24-40.
- scaposa** (Gray) H. Robinson [M&H]
naked turtleback
Psathyrotes scaposa Gray
- Pseudoclappia** clappdaisy
- arenaria** Rydberg [M&H; W&S]
Trans-Pecos clappdaisy
Clappia suaedifolia sensu W&S, not Gray
- Pseudognaphalium** rabbit-tobacco
- Cronquist, A. 1994. *Gnaphalium*, pp. 362-366. IN: Intermountain Flora, vol. 5. New York Botanical Garden.
- Nesom, G.L. 2001. New records in *Pseudognaphalium* (Asteraceae: Gnaphalieae) for the United States. *Sida* 19(4):1185-1190.
- Nesom, G.L. 2004. *Pseudognaphalium canescens* (Asteraceae: Gnaphalieae) and putative relatives in western North America. *Sida* 21(2):781-789.
- canescens** (A.P. de Candolle) W.A. Weber [Nesom 2004; M&H]
Wright's rabbit-tobacco
Gnaphalium canescens A.P. de Candolle
Gnaphalium viridulum I. M. Johnston
Gnaphalium wrightii Gray
- jaliscense** (Greenman) A. Anderberg [Nesom 2001]
Jalisco rabbit-tobacco
Gnaphalium jaliscense Greenman
- leucocephalum** (Gray) A. Anderberg [McIntosh 1996]
white rabbit-tobacco
Gnaphalium leucocephalum Gray
- *leuteoalbum** (Linnaeus) Hilliard & Burt [Nesom 2001]
Jersey rabbit-tobacco
Gnaphalium leuteoalbum Linnaeus
- macounii** (Greene) Kartesz [M&H]
Macoun's rabbit-tobacco
Gnaphalium decurrens Ives
Gnaphalium macounii Greene
- pringlei** (Gray) A. Anderberg [M&H; Wagner 1979]
Pringle's rabbit-tobacco
Gnaphalium pringlei Gray
- stramineum** (Kunth) W.A. Weber [M&H]
cotton-batting-plant
Gnaphalium chilense Sprengel
Gnaphalium stramineum Kunth
Gnaphalium sulphurescens Rydberg
- viscosum* sensu NM reports = *Pseudognaphalium macounii* (Greene) Kartesz
- Psilactis** ray-aster
- Morgan, D.R. 1993. A molecular systematic study and taxonomic revision of *Psilactis* (Asteraceae: Astereae). *Syst. Bot.* 18(2):290-308.
- asteroides** A. Gray [Morgan 1993; M&H; W&S]
New Mexico ray-aster
Aster boltoniae Greene
Machaeranthera boltoniae (Greene) Turner & Horne
- brevilingulata** Schultz-Bipontinus ex Hemsley [Morgan 1993]
Trans-Pecos ray-aster
Machaeranthera brevilingulata (Schultz-Bipontinus ex Hemsley) B.L. Turner & Horne
- Psilostrophe** paper-flower
- Brown, R.C. 1978. Biosystematics of *Psilostrophe* (Compositae: Helenieae). II. Artificial hybridization and systematic treatment. *Madroño* 25:187-201.
- Turner, B.L., M.W. Turner, & J.C. Crutchfield. 1988. Populational analyses and new combinations in *Psilostrophe tagetina* and *P. gnaphalodes* (Asteraceae, Heliantheae). *Phytologia* 65:231-237.
- cooperi** (Gray) Greene [M&H; W&S]
white-stem paper-flower
Riddellia cooperi Gray
- grandiflora* Rydberg = *Psilostrophe tagetina* (Nuttall) Greene
- sparsiflora** (Gray) A. Nelson [M&H; W&S]
green-stem paper-flower
Riddellia tagetina Nuttall var. *sparsiflora* Gray
- tagetina* (Nuttall) Greene var. *grandiflora* (Rydberg) Heiser = *Psilostrophe tagetina* (Nuttall) Greene
- tagetina* (Nuttall) Greene var. *lanata* A. Nelson = *Psilostrophe tagetina* (Nuttall) Greene
- tagetina* (Nuttall) Greene var. *cerifera* (A. Nelson) Turner = *Psilostrophe villosa* Rydberg
- tagetina** (Nuttall) Greene [M&H; W&S]
paper-flower
Psilostrophe grandiflora Rydberg
Psilostrophe tagetina (Nuttall) Greene var. *grandiflora* (Rydberg) Heiser

- Psilostrophe tagetina* (Nuttall) Greene var. *lanata* A. Nelson
Riddellia tagetina Nuttall
villosa Rydberg [M&H; Turner et al. 1988]
wooly paper-flower
Psilostrophe tagetina (Nuttall) Greene var. *cerifera* (A. Nelson) B. Turner
Ptiloria bigelovii (Gray) Wooton & Standley = *Stephanomeria exigua* Nuttall
exigua (Nuttall) Greene = *Stephanomeria exigua* Nuttall
neomexicana Greene = *Stephanomeria minor* (Hooker) Nuttall
pauciflora (Torrey) Rafinesque = *Stephanomeria pauciflora* (Torrey) A. Nelson
ramosa Rydberg = *Stephanomeria minor* (Hooker) Nuttall
tenuifolia (Torrey) Rafinesque = *Stephanomeria minor* (Hooker) Nuttall
thurberi (Gray) Greene = *Stephanomeria thurberi* Gray
- Pyrrhopappus** false-dandelion
Correll, D.S. & M.C. Johnston. 1970. Manual of the Vascular Plants of Texas. Texas Research Foundation, Renner, Texas. [*Pyrrhopappus grandiflorus*]
Northington, D.K. 1974. Systematic studies of the genus *Pyrrhopappus* (Compositae, Cichorieae). Special Publ. No. 6. The Museum, Texas Tech Univ., Lubbock.
Turner, B.L. and Ki-Soong Kim. 1990. An overview of the genus *Pyrrhopappus* (Asteraceae: Lactuceae) with emphasis on chloroplast DNA restriction site data. Amer. J. Bot. 77:845-850.
grandiflorus (Nuttall) Nuttall : Reported by Correll & Johnston 1970, but validating specimens not known; awaits verification.
multicaulis A.P. de Candolle = *Pyrrhopappus pauciflorus* (D. Don) A.P. de Candolle
pauciflorus (D. Don) A.P. de Candolle [M&H; W&S]
Texas false-dandelion
Pyrrhopappus multicaulis A.P. de Candolle
Sitilias multicaulis (A.P. de Candolle) Greene
- Pyrocoma** goldenweed
Lane, M.A. & R.L. Hartman. 1996. Reclassification of North American *Haplopappus* (Compositae: Astereae) completed: *Rayjacksonia* gen. nov. Amer. J. Bot. 83(3):356-370.
amplectens Greene = *Pyrocoma crocea* (Gray) Greene
crocea (Gray) Greene [M&H; W&S]
curly-head goldenweed
Haplopappus croceus Gray
Pyrocoma amplectens Greene
- Rafinesquia** desert chicory
neomexicana Gray [M&H]
desert chicory, New Mexico plumeseed
Nemoseris neomexicana (Gray) Greene
- Ratibida** Mexican-hat
Richards, E.L. 1968. A monograph of the genus *Ratibida*. Rhodora 70:348-393.
columnaris (Sims) D. Don = *Ratibida columnifera* (Nuttall) Wooton & Standley forma *columnifera*
columnifera (Nuttall) Wooton & Standley forma *columnifera* [M&H; W&S]
Mexican-hat
Ratibida columnaris (Sims) D. Don
Rudbeckia columnaris Pursh
columnifera (Nuttall) Wooton & Standley forma *pulcherrima* (A.P. de Candolle) Fernald [M&H; W&S]
Mexican-hat
Ratibida columnifera (Nuttall) Wooton & Standley [subsp.?] *pulcherrima* (A.P. de Candolle) Wooton & Standley
columnifera (Nuttall) Wooton & Standley [subsp.?] *pulcherrima* (A.P. de Candolle) Wooton & Standley = *Ratibida columnifera* (Nuttall) Wooton & Standley forma *pulcherrima* (A.P. de Candolle) Fernald
tagetes (James) Barnhart [M&H; W&S]
green Mexican-hat
Ratibida tagetes (James) Barnhart var. *cinera* Standley
Rudbeckia tagetes James
tagetes (James) Barnhart var. *cinera* Standley = *Ratibida tagetes* (James) Barnhart
- Rayjacksonia** daisy
Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Rayjacksonia annua*]
Lane, M.A. & R.L. Hartman. 1996. Reclassification of North American *Haplopappus* (Compositae: Astereae) completed: *Rayjacksonia* gen. nov. Amer. J. Bot. 83(3):356-370.
annua (Rydberg) Hartman & Lane [Allred 1999]
camphor-daisy
Haplopappus phyllocephalus A.P. de Candolle subsp. *annuus* (Rydberg) Hall
Sideranthus annuus Rydberg
Riddellia cooperi Gray = *Psilostrophe cooperi* (Gray) Greene
tagetina Nuttall = *Psilostrophe tagetina* (Nuttall) Greene
tagetina Nuttall var. *sparsiflora* Gray = *Psilostrophe sparsiflora* (Gray) A. Nelson
- Roldana** hairwort
Funston, A.M. 2006. *Roldana*, p. 620-621. IN: Flora of North America, vol. 20. Oxford University Press.
hartwegii (Benth) H. Robinson & Brettell [Funston 2006]
yellow hairwort
Senecio hartwegii Benth

Rothia flavescens = *Hymenopappus flavescens* Gray var. *flavescens mexicana* (Gray) Kuntze = *Hymenopappus mexicanus* Gray
tenuifolia Kuntze = *Hymenopappus tenuifolius* Pursh

Rudbeckia coneflower
Hartman, R.L., B. Reif, B.E. Nelson, & B. Jacobs. 2006. New vascular plant records for New Mexico. *Sida* 22(2):1225-1233.

ampla A. Nelson = *Rudbeckia laciniata* Linnaeus
amplexicaulis Vahl [M&H; W&S]
claspings coneflower
Dracopis amplexicaulis (Vahl) Cassini
columnaris Pursh = *Ratibida columnifera* (Nuttall) Wootton & Standley
flava Moore = *Rudbeckia hirta* Linnaeus
hirta Linnaeus var. *pulcherrima* Farwell [M&H; W&S]
black-eyed Susan
Rudbeckia flava Moore
laciniata Linnaeus var. *ampla* (A. Nelson) Cronquist [M&H; W&S]
green-head coneflower
Rudbeckia ampla A. Nelson
Rudbeckia latissima Greene
laciniata Linnaeus var. *laciniata* [Hartman et al. 2006]
green-head coneflower
latissima Greene = *Rudbeckia laciniata* Linnaeus
tagetes James = *Ratibida tagetes* (James) Barnhart

Rydbergia brandegeei (Porter) Rydberg = *Hymenoxys brandegeei* (Porter ex Gray) Parker

Sanvitalia Abert's dome
Torres, A.M. 1964. Revision of *Sanvitalia* (Compositae -- Heliantheae). *Brittonia* 16:417-433.
abertii Gray [M&H; Torres 1964]
Abert's dome

Sartwellia sartwellia
Turner, B.L. 1971. Taxonomy of *Sartwellia* (Compositae, Helenieae). *Sida* 4:265-273.
flaveriae Gray [M&H; Turner 1971]
sartwellia

Scabrethia scabra (Hooker) W.A. Weber subsp. *attenuata* (W.A. Weber) W.A. Weber = *Wyethia scabra* Hooker var. *attenuata* W.A. Weber
scabra (Hooker) W.A. Weber subsp. *canescens* (W.A. Weber) W.A. Weber = *Wyethia scabra* Hooker var. *canescens* W.A. Weber

Schkuhria threadleaf
Ellison, W.L. 1964. A systematic study of the genus *Bahia* (Compositae). *Rhodora* 66:67-86, 177-215, 281-311.
Heiser, C.B., Jr. 1945. A revision of the genus *Schkuhria*. *Ann. Missouri Bot. Gard.* 313:279-301.
integrifolia Gray var. *oblongifolia* Gray = *Platyschkuhria integrifolia* (Gray) Rydberg var. *oblongifolia* (Gray) Ellison
multiflora Hooker & Arnott [M&H; W&S]
New Mexico threadleaf
Achyropappus neomexicanus Gray
Bahia neomexicana (Gray) Gray
Cephalobombix neomexicana (Gray) Rydberg
Schkuhria neomexicana Gray
neomexicana Gray = *Schkuhria multiflora* Hooker & Arnott
pinnata (Lamarck) Kuntze ex Thellung var. *wislizeni* (Gray) B.L. Turner [M&H; W&S]
Wislizenus's threadleaf
Schkuhria wislizeni Gray
Schkuhria wislizeni Gray var. *frustrata* Blake
Schkuhria wislizeni Gray var. *wrightii* (Gray) Blake
Schkuhria wrightii Gray
wislizeni Gray = *Schkuhria pinnata* (Lamarck) Kuntze ex Thellung var. *wislizeni* (Gray) B.L. Turner
wislizeni Gray var. *frustrata* Blake = *Schkuhria pinnata* (Lamarck) Kuntze ex Thellung var. *wislizeni* (Gray) B.L. Turner
wislizeni Gray var. *wrightii* (Gray) Blake = *Schkuhria pinnata* (Lamarck) Kuntze ex Thellung var. *wislizeni* (Gray) B.L. Turner
wrightii Gray = *Schkuhria pinnata* (Lamarck) Kuntze ex Thellung var. *wislizeni* (Gray) B.L. Turner

Scorzonera vipergrass
Sivinski, R., T. Lowrey, & R. Peterson. 1994. Additions to the native and adventive flora of New Mexico. *Phytologia* 76(6):473-479. [*Scorzonera laciniata*]
**laciniata* Linnaeus [Sivinski et al. 1994]
false salsify, cut-leaf vipergrass
Podospermum laciniatum (Linnaeus) A.P. de Candolle

Selloa glutinosa Sprengel = *Gymnosperma glutinosum* (Sprengel) Lessing

Senecio groundsel
Barkley, T.M. 1962. A revision of *Senecio aureus* Linn. and allied species. *Trans. Kansas Acad. Sci.* 65:318-408.
Barkley, T.M. 1978. *Senecio*, N. Amer. Fl. II(10):50-139.
Barkley, T.M. 1980. Taxonomic notes on *Senecio tomentosus* and its allies (Asteraceae). *Brittonia* 32(3):291-308.
Barkley, T.M. 1989. New taxa and nomenclatural combinations in *Senecio* in Mexico and the United States. *Phytologia* 67(3):237-253.
Barkley, T.M. 1999. The segregates of *Senecio*, s.l., and *Cacalia*, s.l., in the flora of North America north of Mexico. *Sida* 18(3):661-672.
Barkley, T.M. 2006. *Senecio*, p. 544-570. IN: *Flora of North America*, vol. 20. Oxford University Press.
Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. *The New Mexico Botanist* 24:1-4. [*S. serpa admirabilis*]

Mahoney, A.K., V.W. Kong, & R.R. Kowal. 2002. Documented chromosome numbers 2002:3. Chromosome counts for *Packera paupercula* var. *appalachiana* (Asteraceae: Senecioneae). *Sida* 20(2):605-610. [*Senecio plattensis*]

Peterson, R.S. 2005. Lost: One groundsel. *The New Mexico Botanist* 32:8. [*Senecio millelobatus*]

Turner, B.L. and T.M. Barkley. 1990. Taxonomic overview of the *Senecio flaccidus* complex in North America, including *S. douglasii*. *Phytologia* 68(6):51-55.

accedens Greene = *Senecio bigelovii* Gray var. *hallii* Gray

actinella Greene [M&H; W&S]
 Flagstaff groundsel
Senecio actinella Greene var. *mogollonicus* (Greene) Greenman
Senecio mogollonicus Greene

actinella Greene var. *mogollonicus* (Greene) Greenman = *Senecio actinella* Greene

acutidens Rydberg = *Packera streptanthifolia* (Greene) W.A. Weber & A. Löve

ambrosioides Rydberg = *Senecio eremophilus* Richardson var. *kingii* (Rydberg) Greenman

amplectens Gray var. ***amplectens*** [M&H; W&S]
 alpine groundsel
Ligularia amplectens (Gray) W.A. Weber

amplectens A. Gray var. ***holmii*** (Greene) Harrington [Sivinski et al. 1995]
 alpine groundsel
Ligularia holmii (Greene) W.A. Weber

amplectens Gray var. *taraxacoides* Gray = *Senecio taraxacoides* (Gray) Greene

anactetus Greene = *Senecio wootonii* Greene

arizonicus Greene : Reported as expected by M&H map; awaits verification.

atratus Greene [M&H; W&S]
 black-tip groundsel

bigelovii Gray var. ***bigelovii*** [M&H; W&S]
 Bigelow's groundsel
Ligularia bigelovii (Gray) W.A. Weber
Senecio chloranthus Greene
Senecio rusbyi Greene

bigelovii Gray var. ***hallii*** Gray [M&H; W&S]
 Hall's groundsel
Ligularia bigelovii (Gray) W.A. Weber var. *hallii* (Gray) W.A. Weber
Senecio accedens Greene
Senecio scopulinus Greene

canovirens Rydberg = *Packera fendleri* (Gray) W.A. Weber & A. Löve

canus Hooker = *Packera cana* (Hooker) W.A. Weber & A. Löve

cardamine Greene = *Packera cardamine* (Greene) W.A. Weber & A. Löve

carthamoides Greene = *Senecio fremontii* Torrey & Gray var. *blitoides* (Greene) Cronquist

cernuus Gray = *Senecio pudicus* Greene

chloranthus Greene = *Senecio bigelovii* Gray var. *bigelovii*

cliffordii Atwood & Welsh = *Packera spellenbergii* (T.M. Barkley) C. Jeffrey

crassulus Gray [M&H; W&S]
 thick-leaf groundsel
Senecio lapathifolius Greene

crocatius Rydberg = *Packera crocata* (Rydberg) W.A. Weber & A. Löve

cymbalarioides Nuttall (not *S. cymbalarioides* Huek) = *Packera streptanthifolia* (Nuttall) W.A. Weber & A. Löve

cynthioides Greene = *Packera cynthioides* (Greene) W.A. Weber & A. Löve

dimorphophyllus Greene = *Packera dimorphophylla* (Greene) W.A. Weber & A. Löve

douglasii A.P. de Candolle var. *douglasii* = *Senecio flaccidus* Lessing var. *douglasii* (A.P. de Candolle) B. Turner & T. Barkley

douglasii A.P. de Candolle var. *longilobus* (Benth) L. Benson = *Senecio flaccidus* Lessing var. *flaccidus*

douglasii A.P. de Candolle var. *longilobus* (Benth) L. Benson = *Senecio flaccidus* Lessing var. *monoensis* (Greene) B.L. Turner & T. Barkley

eremophilus Richardson var. ***kingii*** (Rydberg) Greenman [M&H; W&S]
 mountain groundsel
Senecio ambrosioides Rydberg non Martius
Senecio eremophilus Richardson subsp. *kingii* (Rydberg) Douglas & R.-Douglas

eremophilus Richardson var. ***macdougallii*** (Heller) Cronquist [Barkley 2006]
 mountain groundsel
Senecio macdougallii Heller

eremophilus Richardson var. *macdougallii* (Heller) Cronquist = *Senecio eremophilus* Richardson var. *kingii* (Rydberg) Greenman

eremophilus Richardson subsp. *kingii* (Rydberg) Douglas & R.-Douglas = *Senecio eremophilus* Richardson var. *kingii* (Rydberg) Greenman

eurypterus Greenman = *Packera neomexicana* (Greenman) W.A. Weber & A. Löve var. *neomexicana*

fendleri Gray = *Packera fendleri* (Gray) W.A. Weber & A. Löve

filifolius Nuttall = *Senecio flaccidus* Lessing var. *flaccidus*

filifolius Nuttall var. *jamesii* Torrey & Gray = *Senecio flaccidus* Lessing var. *flaccidus*

flaccidus Lessing var. *douglasii* (A.P. de Candolle) B. Turner & T. Barkley : Restricted to California and western Mexico by Barkley (2000); our material referred to *Senecio warnockii* Shiners

Senecio douglasii A.P. de Candolle

flaccidus Lessing var. ***flaccidus*** [M&H; W&S]

thread-leaf groundsel

Senecio douglasii A.P. de Candolle var. *longilobus* (Bentham) L. Benson
Senecio filifolius Nuttall
Senecio filifolius Nuttall var. *jamesii* Torrey & Gray
Senecio longilobus Bentham

flaccidus Lessing var. **monoensis** (Greene) B. Turner & T. Barkley [Turner & Barkley 1990]

thread-leaf groundsel

Senecio douglasii A.P. de Candolle var. *monoensis* (Greene) Jepson
Senecio monoensis Greene

flavovirens Rydberg = *Packera paupercula* (Michaux) W.A. Weber & A. Löve

flavulus Greene = *Packera pseud aurea* (Rydberg) W.A. Weber & A. Löve var. *flavula* (Greene) Trock & Barkley

fremontii Torrey & Gray var. **blitoides** (Greene) Cronquist [M&H; W&S]

Fremont's groundsel

Senecio carthamoides Greene

hartianus Heller = *Packera hartiana* (Heller) W.A. Weber & A. Löve

hartwegii Bentham = *Rodana hartwegii* (Bentham) H. Robinson & Brettell

integerrimus Nuttall var. **integerrimus** [Sivinski et al. 1995]

lamb-tongue groundsel

lapathifolius Greene = *Senecio crassulus* Gray

longilobus Bentham = *Senecio flaccidus* Lessing var. *flaccidus*

macdougallii Heller = *Senecio eremophilus* Richardson var. *kingii* (Rydberg) Greenman

metcalfei Greene = *Packera neomexicana* (Gray) W.A. Weber & A. Löve var. *mutabilis* (Greene) W.A. Weber & A. Löve

microdontus Gray Heller = *Senecio wootonii* Greene

millelobatus Rydberg : Reported for NM in M&H and W&S, based on a C. Wright collection thought to be in NM, but known to be in Texas; no specimens of this are known from the state (Peterson 2005).

Packera millelobata (Rydberg) W.A. Weber & A. Löve

mogollonicus Greene = *Senecio actinella* Greene var. *mogollonicus* (Greene) Greenman

monoensis Greene = *Senecio flaccidus* Lessing var. *monoensis* (Greene) B.L. Turner & T. Barkley

multicapitatus Greenman in Rydberg = *Senecio spartioides* Torrey & Gray

multilobatus Torrey & Gray ex Gray = *Packera multilobata* (Torrey & Gray ex Gray) W.A. Weber & A. Löve

mutabilis Greene = *Packera neomexicana* (Gray) W.A. Weber & A. Löve var. *mutabilis* (Greene) W.A. Weber & A. Löve

neomexicanus Gray var. *metcalfei* (Greene) T.M. Barkley = *Packera neomexicana* (Gray) W.A. Weber & A. Löve var. *mutabilis* (Greene) W.A. Weber & A. Löve

neomexicanus Gray var. *mutabilis* (Greene) T.M. Barkley = *Packera neomexicana* (Gray) W.A. Weber & A. Löve var. *mutabilis* (Greene) W.A. Weber & A. Löve

neomexicanus Gray = *Packera neomexicana* (Gray) W.A. Weber & A. Löve var. *neomexicana*

neomexicanus Gray var. *toumeyii* (Greene) T.M. Barkley = *Packera neomexicana* (Gray) W.A. Weber & A. Löve var. *toumeyii* (Greene) Trock & Barkley

oblanceolatus Rydberg = *Packera tridenticulata* (Rydberg) W.A. Weber & A. Löve

obovatus Muhlenberg ex Willdenow = *Packera obovata* (Muhlenberg ex Willdenow) W.A. Weber & A. Löve

oresbius Greenman = *Packera neomexicana* (Gray) W.A. Weber & A. Löve var. *neomexicana*

parryi Gray [M&H; W&S]

Parry's groundsel

pauperculus Michaux = *Packera paupercula* (Michaux) W.A. Weber & A. Löve

pentadontus Greene = *Packera wernerifolia* (Gray) W.A. Weber & A. Löve

plattensis Nuttall = *Packera plattensis* (Nuttall) W.A. Weber & A. Löve

pseud aureus Rydberg var. *flavulus* (Greene) Greenman = *Packera pseud aurea* (Rydberg) W.A. Weber & A. Löve var. *flavula* (Greene) Trock & Barkley

pudicus Greene [M&H; W&S]

bashful groundsel

Ligularia pudica (Greene) W.A. Weber

Senecio cernuus Gray

quaerens Greene = *Packera hartiana* (A. Heller) W.A. Weber & A. Löve

quercetorum Greene = *Packera quercetorum* (Greene) C. Jeffrey

remifolius Wooton & Standley = *Packera tridenticulata* (Rydberg) W.A. Weber & A. Löve

riddellii Torrey & Gray [M&H; W&S]

Riddell's groundsel

Senecio spartioides Torrey & Gray var. *riddellii* (Torrey & Gray) Greenman

rusbyi Greene = *Senecio bigelovii* Gray var. *bigelovii*

+sacramentanus Wooton & Standley [M&H; W&S]

Sacramento Mountain groundsel

salignus A.P. de Candolle = *Barkleyanthus salicifolius* (Kunth) H. Robinson & Brettell

sanguisorboides Rydberg = *Packera sanguisorboides* (Rydberg) W.A. Weber & A. Löve

saxosus Klatt = *Packera wernerifolia* (Gray) W.A. Weber & A. Löve

scopolinus Greene = *Senecio bigelovii* Gray var. *hallii* Gray

serra Hooker var. **admirabilis** (Greene) A. Nelson [Heil et al. 2002]

tall groundsel

soldanella Gray [Spellenberg et al. 1986]

- Colorado groundsel
Ligularia soldanella (Gray) W.A. Weber
spartioides Torrey & Gray [M&H; W&S]
 broom groundsel
Senecio multicapitatus Greenman in Rydberg
Senecio spartioides Torrey & Gray var. *multicapitatus* (Greenman in Rydberg) S.L. Welsh
spartioides Torrey & Gray var. *multicapitatus* (Greenman ex Rydberg) S.L. Welsh = *Senecio spartioides* Torrey & Gray
spartioides Torrey & Gray var. *riddellii* (Torrey & Gray) Greenman = *Senecio riddellii* Torrey & Gray
spellenbergii T.M. Barkley = *Packera spellenbergii* (T.M. Barkley) C. Jeffrey
streptanthifolius Greene = *Packera streptanthifolia* (Greene) W.A. Weber & A. Löve
taraxacoides (Gray) Greene [M&H; W&S]
 dandelion groundsel
Ligularia taraxacoides (Gray) W.A. Weber
Senecio amplexans Gray var. *taraxacoides* Gray
thurberi Gray = *Packera neomexicana* (Gray) W.A. Weber & A. Löve var. *neomexicana*
toluccanus var. *microdontus* Gray = *Senecio wootonii* Greene
triangularis Hooker [M&H; W&S]
 arrow-leaf groundsel
tridenticulatus Rydberg = *Packera tridenticulata* (Rydberg) W.A. Weber & A. Löve
***vulgaris** Linnaeus [M&H; W&S]
 old-man-in-the-spring, common groundsel
warnockii Shinnery [Barkley 2006]
 Warnock's groundsel
wernerifolius (Gray) Gray = *Packera wernerifolia* (Gray) W.A. Weber & A. Löve
wootonii Greene [M&H; W&S]
 Wooton's groundsel
Senecio anacletus Greene
Senecio microdontus (Gray) Heller, not *Senecio microdontus* Baker
Senecio toluccanus var. *microdontus* Gray
Serratula arvensis Linnaeus = *Cirsium arvensis* (Linnaeus) Scopoli
Seriphidium bigelovii (Gray) K. Bremer & Humphries = *Artemisia bigelovii* Gray
novum (A. Nelson) W.A. Weber = *Artemisia nova* A. Nelson
pygmaeum (A. Gray) W.A. Weber = *Artemisia pygmaea* A. Gray
tridentatum (Nuttall) W.A. Weber = *Artemisia tridentata* Nuttall
tidentatum (Nuttall) W.A. Weber subsp. *wyomingense* (Beetle & A.M. Young) W.A. Weber = *Artemisia tridentata* Nuttall subsp.
wyomingensis Beetle & A.M. Young
vaseyanum (Rydberg) W.A. Weber = *Artemisia tridentata* Nuttall subsp. *vaseyana* (Rydberg) Beetle
Sideranthus annuus Rydberg = *Rayjacksonia annua* (Rydberg) Hartman & Lane
australis (Greene) Rydberg = *Xanthisma spinulosum* (Pursh) Morgan & Hartman var. *spinulosum*
glaberrimum Rydberg = *Xanthisma glaberrimum* (Rydberg) Nesom & O'Kennon
gracilis (Nuttall) Rydberg = *Xanthisma gracile* (Nuttall) Morgan & Hartman
grindelioides Nuttall = *Xanthisma grindelioides* (Nuttall) Morgan & Hartman
laevis Wooton & Standley = *Xanthisma spinulosum* (Pursh) Morgan & Hartman var. *spinulosum*
serratus (Greene) Standley = *Xanthisma blephariphyllum* (Gray) Morgan & Hartman
spinulosum (Pursh) Sweet ex Rydberg = *Xanthisma spinulosum* (Pursh) Morgan & Hartman var. *spinulosum*
viscidus Wooton & Standley = *Xanthisma viscidum* (Wooton & Standley) Morgan & Hartman
wootonii (Greene) Standley = *Xanthisma spinulosum* (Pursh) Morgan & Hartman var. *spinulosum*
Silphium compass-plant
 Clevinger, J.A. 2006. *Silphium*, pp. 77-82. IN: Flora of North America, vol. 21. Oxford University Press. [*Silphium integrifolium*]
 Heil, K. & A. Clifford. 2003. Plant distribution reports. The New Mexico Botanist 28:8. [*Silphium laciniatum*]
***integrifolium** Michaux var. *laeve* Torrey & Gray [Clevinger 2006]
 smooth compass-plant
***laciniatum** Linnaeus [Heil & Clifford 2003]
 compass-plant
Silybum milk-thistle
 Moore, R.J. & C. Frankton. 1974. The thistles of Canada. Res. Branch, Canada Dept. Agr., Monogr. No. 10.
***marianum** (Linnaeus) Gaertner [Spellenberg et al. 1986]
 blessed milk-thistle
Carduus marianus Linnaeus
Simsia bush-sunflower
 Spooner, D.M. 1990. Systematics of *Simsia* (Compositae-Heliantheae). Syst. Bot. Monogr. 30:1-90.
 Worthington, R.D. 2002. New plant distribution records. The New Mexico Botanist 22:7. [*Simsia lagascaeformis*]
calva (Engelmann & Gray) Gray [Spooner 1990]
 bush-sunflower
exaristata Gray = *Simsia lagascaeformis* A.P. de Candolle
lagascaeformis A.P. de Candolle [Spooner 1990; Worthington 2002]
 bush-sunflower

Encelia exaristata (Gray) Gray
Simsia exaristata Gray
scaposa Gray = *Encelia scaposa* (Gray) Gray
Sitilias multicaulis (A.P. de Candolle) Greene = *Pyrrhopappus pauciflorus* (D. Don) A.P. de Candolle

Solidago goldenrod

Cockerell, T.D.A. & D.M. Andrews. 1936. A new goldenrod from northern New Mexico. *Torreyia* 36(2):35-36.
Keller, C.F. 1999. New Mexico *Solidagos*: A preliminary look at a difficult problem, with a tentative key. *The New Mexico Botanist* 11:1-5.
Nesom, G.L. 1989. Taxonomy of *Solidago velutina* with a new, related species from Mexico. *Phytologia* 67(6):441-450.
Nesom, G.L. 1989. *Solidago simplex*, the correct name for *S. glutinosa*. *Phytologia* 68:155-157.
Nesom, G.L. 1993. Taxonomic infrastructure of *Solidago* and *Oligoneuron* (Asteraceae: Astereae) and observations on their phylogenetic position. *Phytologia* 75(1):1-44.
Ringius, G.S. 1991. New combinations in *Solidago simplex*. *Phytologia* 70:396-399.
Ringius, G.S. & J.C. Semple. 1987. Cytogeography of *Solidago spathulata-glutinosa* complex. *Can. J. Bot.* 65:2459-2462.
Semple, J.C. 2003. New names and combinations in goldenrods, *Solidago* (Asteraceae: Astereae). *Sida* 20(4):1605-1606.
Semple, J.C., J.G. Chmielewski, & R.A. Brammel. 1990. A multivariate morphometric study of *Solidago nemoralis* (Compositae-Astereae) and comparison with *S. californica* and *S. sparsiflora*. *Can. J. Bot.* 68:2070-2082.
Semple, J.C. & R.E. Cook. 2006. *Solidago*, p. 107-166. IN: *Flora of North America*, vol. 20. Oxford University Press, New York.
Taylor, C. & J. Taylor. 1983. New species, new combinations and notes on the goldenrods (*Euthamia* and *Solidago*- Asteraceae). *Sida* 10(2):176-183.
Taylor, C. & J. Taylor. 1984. *Solidago* in Oklahoma and Texas. *Sida* 10:176-251.

altissima Linnaeus subsp. **gilvocanescens** (Rydberg) Semple [M&H; W&S]

tall goldenrod

Solidago canadensis Linnaeus var. *gilvocanescens* Rydberg

Solidago gilvocanescens (Rydberg) Smith

arizonica (Gray) Wooton & Standley = *Solidago velutina* A.P. de Candolle subsp. *sparsiflora* (Gray) Semple

aureola Greene = *Solidago simplex* Kunth var. *simplex*

bigelovii Gray = *Solidago wrightii* Gray var. *wrightii*

canadensis Linnaeus s.s. : Reported by numerous authors for western states, but I follow the narrow circumscription of Semple & Cook

(2006), who show its nearest occurrence in Nebraska; NM material called this is most likely referred to *Solidago lepida*

A.P. de Candolle, or two other species of the subsection *Triplinerviae*, *Solidago altissima* Linnaeus and *Solidago gigantea*

Aiton.

canadensis sensu western authors = *Solidago lepida* A.P. de Candolle

canadensis Linnaeus var. *arizonica* Gray = *Solidago velutina* A.P. de Candolle subsp. *sparsiflora* (Gray) Semple

canadensis Linnaeus var. *gilvocanescens* Rydberg = *Solidago altissima* Linnaeus subsp. *gilvocanescens* (Rydberg) Semple

+**capulinensis** Cockerell & Andrews [Cockerell & Andrews 1936]

Mt. Capulin goldenrod

ciliosa Greene = *Solidago multiradiata* Aiton

decemflora A.P. de Candolle = *Solidago nemoralis* Aiton var. *longipetiolata* (Mackenzie & Bush) Palmer & Steyermark

decumbens Greene = *Solidago simplex* Kunth var. *simplex*

decumbens Greene var. *oreophila* (Rydberg) Fernald = *Solidago simplex* Kunth var. *simplex*

gigantea Aiton [M&H; W&S]

late goldenrod

Solidago gigantea Aiton var. *leiophylla* Fernald

Solidago pitcheri Nuttall

gigantea Aiton var. *leiophylla* Fernald = *Solidago gigantea* Aiton

gilvocanescens (Rydberg) Smith = *Solidago altissima* Linnaeus subsp. *gilvocanescens* (Rydberg) Semple

glaberrima Martens = *Solidago missouriensis* Nuttall var. *fasciculata* Holzinger

glutinosa Nuttall = *Solidago simplex* Kunth var. *simplex*

graminea (Wooton & Standley) Blake = *Petradoria pumila* (Nuttall) Greene subsp. *graminea* (Wooton & Standley) L.C. Anderson

howellii Wooton & Standley = *Solidago velutina* A.P. de Candolle subsp. *sparsiflora* (Gray) Semple

lepida A.P. de Candolle var. **lepida** [Semple & Cook 2006]

western goldenrod

Solidago canadensis sensu western authors

lepida A.P. de Candolle var. **salebrosa** (Piper) Semple [Semple & Cook 2006]

western goldenrod

Solidago canadensis sensu western authors

marshallii Rothrock = *Solidago missouriensis* Nuttall var. *missouriensis*

missouriensis Nuttall var. **fasciculata** Holzinger [M&H; W&S]

Missouri goldenrod

Solidago glaberrima Martens

missouriensis Nuttall var. **missouriensis** [M&H; W&S]

Missouri goldenrod

Solidago marshallii Rothrock

missouriensis Nuttall var. **tenuissima** (Wooton & Standley) C. & J. Taylor [M&H; W&S]

Missouri goldenrod

Solidago tenuissima Wooton & Standley

mollis Bartling [M&H]

velvet goldenrod

multiradiata Aiton [M&H; W&S]

Rocky Mountain goldenrod

Solidago ciliosa Greene
Solidago scopulorum (Gray) A. Nelson
nana Nuttall [Cronquist 1994; Keller 1999]
 baby goldenrod
nemoralis Aiton var. **longipetiolata** (Mackenzie & Bush) Palmer & Steyermark [M&H]
 gray goldenrod
Solidago decemflora A.P. de Candolle
Solidago nemoralis Aiton var. *decemflora* (A.P. de Candolle) Fernald
Solidago nemoralis Aiton subsp. *decemflora* (A.P. de Candolle) Brammall ex Semple
nemoralis Aiton subsp. *decemflora* (A.P. de Candolle) Brammall ex Semple = *Solidago nemoralis* Aiton var. *longipetiolata* (Mackenzie & Bush) Palmer & Steyermark
nemoralis Aiton var. *decemflora* (A.P. de Candolle) Fernald = *Solidago nemoralis* Aiton var. *longipetiolata* (Mackenzie & Bush) Palmer & Steyermark
neomexicana Gray = *Solidago simplex* Kunth var. *simplex*
occidentalis (Nuttall) Torrey & Gray = *Euthamia occidentalis* Nuttall
oreophila Rydberg = *Solidago simplex* Kunth var. *simplex*
parryi (Gray) Greene = *Oreochrysum parryi* (Gray) Rydberg
petiolaris Aiton [Gleason 1963; Semple & Cook 2006]
 downy goldenrod
Solidago petiolaris Aiton var. *angusta* (Torrey & Gray) Gray
petiolaris Aiton var. *angusta* (Torrey & Gray) Gray = *Solidago petiolaris* Aiton
petradoria Blake = *Petradoria pumila* (Nuttall) Greene subsp. *pumila*
pitcheri Nuttall = *Solidago gigantea* Aiton
rigida Linnaeus subsp. *humilis* (Porter) S.B. Heard & Semple = *Solidago rigida* Linnaeus var. *humilis* Porter
rigida Linnaeus var. **humilis** Porter [M&H; Taylor & Taylor 1984; W&S]
 hard-leaf goldenrod
Oligoneuron canescens Rydberg
Oligoneuron rigidum (Linnaeus) T.C. Porter
Oligoneuron rigidum (Linnaeus) Small var. *humile* (Porter) Nesom
Solidago rigida Linnaeus subsp. *humilis* (Porter) S.B. Heard & Semple
sarothrae Pursh = *Gutierrezia sarothrae* (Pursh) Britton & Rusby
scopulorum (Gray) A. Nelson = *Solidago multiradiata* Aiton
simplex Kunth var. *nana* (Gray) Ringius : Restricted in concept by Ringius and Semple (1987) and endemic to the Pacific Northwest; NM material referred to *Solidago simplex* Kunth var. *simplex*.
Solidago spathulata A.P. de Candolle var. *nana* (Gray) Cronquist
simplex Kunth var. **simplex** [M&H; W&S]
 New Mexico goldenrod
Solidago aureola Greene
Solidago decumbens Greene
Solidago decumbens Greene var. *oreophila* (Rydberg) Fernald
Solidago glutinosa Nuttall
Solidago neomexicana Gray
Solidago oreophila Rydberg
Solidago spathulata A.P. de Candolle subsp. *glutinosa* (Nuttall) Keck
Solidago spathulata A.P. de Candolle var. *neomexicana* (Gray) Cronquist
sparsiflora Gray = *Solidago velutina* A.P. de Candolle subsp. *sparsiflora* (Gray) Semple
spathulata A.P. de Candolle subsp. *glutinosa* (Nuttall) Keck = *Solidago simplex* Kunth var. *simplex*
spathulata A.P. de Candolle var. *nana* (Gray) Cronquist = *Solidago simplex* Kunth var. *nana* (Gray) Ringius
spathulata A.P. de Candolle var. *neomexicana* (Gray) Cronquist = *Solidago simplex* Kunth var. *simplex*
speciosa Nuttall var. subsp. *pallida* (Porter) Semple = *Solidago speciosa* Nuttall var. *pallida* Porter
speciosa Nuttall var. **pallida** Porter [Sivinski et al. 1995]
 showy goldenrod
Solidago speciosa Nuttall var. subsp. *pallida* (Porter) Semple
tenuissima Wooton & Standley = *Solidago missouriensis* Nuttall var. *tenuissima* (Wooton & Standley) C.&J. Taylor
trinervata Greene = *Solidago velutina* A.P. de Candolle subsp. *sparsiflora* (Gray) Semple
velutina A.P. de Candolle subsp. **sparsiflora** (Gray) Semple [M&H; W&S]
 three-nerved goldenrod
Solidago arizonica (Gray) Wooton & Standley
Solidago canadensis Linnaeus var. *arizonica* Gray
Solidago howellii Wooton & Standley
Solidago sparsiflora Gray
Solidago trinervata Greene
wrightii Gray var. **adenophora** Blake [M&H]
 Wright's goldenrod
wrightii Gray var. **wrightii** [M&H; W&S]
 Wright's goldenrod
Solidago bigelovii Gray
Sonchus sow-thistle

Boulos, L. 1972-74. Révision systématique du genre *Sonchus* Linnaeus. Bot. Not. 125:287-319; 126:155-196; 127:7-37, 402-451.

***arvensis** Linnaeus [M&H; W&S]

field sow-thistle

***asper** (Linnaeus) Hill [M&H; W&S]

spiny-leaf sow-thistle

biennis Moench = *Lactuca biennis* (Moench) Fernald

***oleraceus** Linnaeus [M&H; W&S]

common sow-thistle

pulchellus Pursh = *Lactuca pulchella* (Pursh) A.P. de Candolle

Stenotus goldenweed

Lane, M.A. & R.L. Hartman. 1996. Reclassification of North American *Haplopappus* (Compositae: Astereae) completed: *Rayjacksonia* gen. nov. Amer. J. Bot. 83(3):356-370.

armerioides Nuttall [M&H; W&S]

mock goldenweed

Haplopappus armerioides (Nuttall) Gray

Stephanomeria wire-lettuce

Goodman, G.J. and C.A. Lawson. 1995. Retracing Major Stephen H. Long's 1820 Expedition. University of Oklahoma Press. [p. 174, *S. minor*]

Gottlieb, L.D. 1972. A proposal for the classification of the annual species of *Stephanomeria* (Compositae). Madroño 21:463-481.

Gottlieb, L.B. 2006. *Stephanomeria*, p. 350-359. IN: Flora of North America, vol. 19. Oxford University Press, New York.

exigua Nuttall subsp. **exigua** [M&H; W&S]

twiggy wire-lettuce

Hemiptilium bigelovii Gray

Lygodesmia bigelovii (Gray) Shinnars

Ptiloria bigelovii (Gray) Wootton & Standley

Ptiloria exigua (Nuttall) Greene

minor (Hooker) Nuttall [Goodman & Lawson 1995; M&H; W&S]

lesser wire-lettuce

Lygodesmia minor Hooker

Prenanthes tenuifolia Torrey [not *Prenanthes tenuifolia* Linnaeus]

Ptiloria neomexicana Greene

Ptiloria ramosa Rydberg

Ptiloria tenuifolia Rafinesque

Stephanomeria neomexicana (Greene) Cory

Stephanomeria ramosa (Rydberg) Kittell

Stephanomeria tenuifolia (Rafinesque) Hall

Stephanomeria wrightii Gray

tenuifolia (Rafinesque) Hall = *Stephanomeria minor* (Hooker) Nuttall

neomexicana (Greene) Cory = *Stephanomeria minor* (Hooker) Nuttall

pauciflora (Torrey) A. Nelson [M&H; W&S]

few-flowered wire-lettuce

Prenanthes pauciflora Torrey

Ptiloria pauciflora (Torrey) Rafinesque

ramosa (Rydberg) Kittell = *Stephanomeria minor* (Hooker) Nuttall

runcinata Nuttall : Reported by the map in Gottlieb (2006), but the map is an erroneous duplicate of that for *Stephanomeria pauciflora*.

tenuifolia (Torrey) Hall = *Stephanomeria minor* (Hooker) Nuttall

thurberi Gray [M&H; W&S]

Thurber's wire-lettuce

Lygodesmia thurberi (Gray) Shinnars

Ptiloria thurberi (Gray) Greene

wrightii Gray = *Stephanomeria minor* (Hooker) Nuttall

Stevia candyleaf

Nesom, G.L. 2006. *Stevia*, pp. 483-486. IN: Flora of North America, vol. 21. Oxford University Press, New York. [*Stevia salicifolia*]

Nesom, G.L. & B.L. Turner. 2006. New distribution records for Eupatorieae (Asteraceae) in the United States. Sida 22(2):1249-1253.

Robinson, B.L. 1930. The stevias of North America. Contr. Gray herb. 90:90-159.

micrantha Lagasca [M&H; W&S]

annual candyleaf

plummerae Gray [M&H; W&S]

Plummer's candyleaf

salicifolia Cavanilles [Nesom 2006; Nesom & Turner 2006]

willow-leaf candyleaf

serrata Cavanilles [M&H; W&S]

saw-tooth candyleaf

sphacelata Nuttall = *Palafoxia sphacelata* (Nuttall ex Torrey) Cory

Stylocline wooly-heads

micropoides Gray [M&H; W&S]

wooly-heads

Symphotrichum aster

Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*S. porteri*]
 Bleakly, D. 1999. New plant distribution records. The New Mexico Botanist 11:8. [*S. ciliatum*]
 Brouillet, L., J.C. Semple, G.A. Allen, K.L. Chambers, & S.D. Sundberg. 2006. *Symphytotrichum*, p. 465-539. IN: Flora of North America, vol. 20. Oxford University Press.
 Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4. [*S. campestre*, *S. ciliatum*, *S. ericoides pansum*]
 Nesom, G.L. 1994 [1995]. Review of the taxonomy of *Aster* sensu lato (Asteraceae: Astereae), emphasizing the New World species. Phytologia 77(3):141-297.
 Sundberg, S.D. 2004. New combinations in North American *Symphytotrichum* subgenus *Astropolium* (Asteraceae: Astereae). Sida 21(2):903-910.

ascendens (Lindley) Nesom [M&H; W&S]
 western aster
Aster ascendens Lindley
Aster chilensis Nees subsp. *ascendens* (Lindley) Cronquist
Aster vallicola Greene

bracteolatum auct. non (Nuttall) Nesom p.p. = *Symphytotrichum eatonii* (Gray) Nesom
campestre (Nuttall) G.L. Nesom [Heil et al. 2002]
 western meadow aster
Aster campestris Nuttall

ciliatum (Ledebour) Nesom [Bleakly 1999; Heil et al. 2002]
 alkali aster
divaricatum (Nuttall) Nesom = *Symphytotrichum subulatum* (Michaux) Nesom var. *ligulatum* (Shinners) S.D. Sundberg
eatonii (A. Gray) Howell [M&H; W&S]
 Eaton's aster
Aster lonchophyllus Greene
Aster oregonus auct. non (Nuttall) Torrey & Gray
Symphytotrichum bracteolatum auct. non (Nuttall) Nesom p.p.

ericoides (Linnaeus) Nesom var. **ericoides** [M&H; W&S]
 white heath aster
Aster ericoides Linnaeus
Aster hebecladus A.P. de Candolle
Aster multiflorus Aiton

ericoides (Linnaeus) Nesom var. **pansum** (Blake) Nesom [Heil et al. 2002]
 white heath aster
expansum (Poeppig ex Sprengel) Nesom = *Symphytotrichum subulatum* (Michaux) G.L. Nesom var. *parviflorum* (Nees) S.D. Sundberg
falcatum (Lindley) Nesom var. **commutatum** (Torrey & Gray) Nesom [M&H; W&S]
 prairie aster
Aster commutatus (Torrey & Gray) Gray var. *commutatus*
Aster commutatus (Torrey & Gray) Gray var. *polycephalus* Blake, non *Aster polycephalus* Rydberg
Aster commutatus (Torrey & Gray) Gray var. *crassulus* (Rydberg) Blake
Aster crassulus Rydberg
Aster falcatus Lindley var. *crassulus* (Rydberg) Cronquist
Aster multiflorus Aiton var. *commutatus* Torrey & Gray
Symphytotrichum falcatum (Lindley) Nesom var. *crassulum* (Rydberg) Nesom
falcatum (Lindley) Nesom var. *crassulum* (Rydberg) Nesom = *Symphytotrichum falcatum* (Lindley) Nesom var. *commutatum* (Torrey & Gray) Nesom

falcatum (Lindley) Nesom var. **falcatum** [M&H]
 prairie aster
Aster falcatus Lindley

fendleri (A. Gray) Nesom [M&H; W&S]
 Fendler's aster
Aster fendleri Gray
Aster jemensis A. Nelson

foliaceum (Lindley ex A.P. de Candolle) Nesom var. **apricum** (A. Gray) Nesom [M&H; W&S]
 alpine aster
Aster apricus (Gray) Rydberg
Aster foliaceus Lindley ex A.P. de Candolle var. *apricus* Gray

foliaceum (Lindley ex A.P. de Candolle) Nesom var. **canbyi** (A. Gray) Nesom [M&H; W&S]
 Canby's alpine aster
Aster canbyi (A. Gray) Vasey
Aster foliaceus Lindley ex A.P. de Candolle var. *burkei* A. Gray
Aster foliaceus Lindley ex A.P. de Candolle var. *canbyi* A. Gray

foliaceum (Lindley ex A.P. de Candolle) Nesom var. **parryi** (D.C. Eaton) Nesom [M&H]
 Parry's alpine aster
Aster foliaceus Lindley ex A.P. de Candolle var. *frondeus* A. Gray
Aster foliaceus Lindley ex A.P. de Candolle var. *parryi* (D.C. Eaton) A. Gray
Aster frondeus (A. Gray) Greene

frondosum (Nuttall) Nesom [M&H; W&S]
 leafy aster
Aster frondosus (Nuttall) Torrey & Gray

- Aster woodhousei* Wooton
Brachyactis frondosus (Nuttall) Gray
Brachyactis woodhousei (Wooton) Wooton & Standley
Tripolium frondosum Nuttall
- laeve** (Linnaeus) Löve & Löve var. **geyeri** (A. Gray) Nesom [M&H; W&S]
 Geyer's blue aster
Aster laevis Linnaeus var. *geyeri* Gray
Aster laevis Linnaeus var. *guadalupensis* A.G. Jones
- lanceolatum** (Willdenow) Nesom var. **hesperium** (A. Gray) Nesom [M&H; W&S]
 Wooton's aster
Aster coerulescens A.P. de Candolle var. *wootonii* (Greene) Wiegand
Aster hesperius Gray var. *hesperius*
Aster hesperius Gray var. *laetivirens* (Greene) Cronquist
Aster hesperius Gray var. *wootonii* Greene
Aster laetivirens Greene
Aster wootonii Greene
- novae-angliae** (Linnaeus) Nesom [M&H; W&S]
 New England aster
Aster novae-angliae Linnaeus
- oblongifolium** (Nuttall) Nesom [M&H; W&S]
 aromatic aster
Aster kumleinii Fries
Aster oblongifolius Nuttall
Aster oblongifolius Nuttall var. *rigidulus* Gray
- porteri** (A. Gray) Nesom [Allred 1999]
 Porter's aster
Aster porteri Gray
- praealtum** (Poiret) Nesom [M&H; W&S] Note: This species is excluded from NM by Brouillet et al. (2006); warrants verification.
 tall aster
Aster praealtus Poiret
Aster salicifolius Aiton
- sericeum** (Ventenat) Nesom [Tidestrom & Kittell 1941]
 silky aster
Aster sericeus Ventenat
- spathulatum** (Lindley) Nesom var. **spathulatum** [M&H]
 mountain aster
Aster corymbiformis Rydberg
Aster fremontii (Torrey & Gray) Gray
Aster occidentalis (Nuttall) Torrey & Gray
- subulatum** (Michaux) Nesom var. **ligulatum** (Shinners) S.D. Sundberg [M&H; W&S]
 lawn aster, New Mexico aster
Aster exilis of NM authors
Aster neomexicanus Wooton & Standley
Aster subulatus Michaux var. *ligulatus* Shinners
Symphotrichum divaricatum (Nuttall) Nesom
- subulatum** (Michaux) Nesom var. **parviflorum** (Nees) S.D. Sundberg [Brouillet et al. 2006]
 lawn aster, New Mexico aster
Aster exilis of NM authors
Aster subulatus Michaux var. *cubensis* Shinners
Symphotrichum expansum (Poeppig ex Sprengel) Nesom
- subulatum (Michaux) Nesom s.s. : Not known to occur in NM; our material is referred to *Symphotrichum subulatum* (Michaux) Nesom var. *ligulatum* (Shinners) S.D. Sundberg or to *Symphotrichum subulatum* (Michaux) Nesom var. *parviflorum* (Nees) S.D. Sundberg (Brouillet et al. 2006).
- Tagetes** marigold
- micrantha** Cavanilles [M&H; W&S]
 licorice marigold
- papposa* Ventenat = *Dyssodia papposa* (Ventenat) Hitchcock
- Tanacetum** tansy
 ***vulgare** Linnaeus [M&H; W&S]
 common tansy
- Taraxacum** dandelion
- Brouillet, L. 2006. *Taraxacum*, p. 239-252. IN: Flora of North America, vol. 19. Oxford University Press, New York.
 Peterson, R.S. 2000. New plant distribution records. The New Mexico Botanist 15:7. [*Taraxacum lyratum*]
- ceratophorum** (Ledebour) A.P. de Candolle [M&H; W&S]
 horned dandelion
Taraxacum dumetorum Greene
Taraxacum montanum Nuttall

Taraxacum officinale G.H. Weber ex F.H. Wiggers subsp. *ceratophorum* (Ledebour) Schinz ex Thellung
dumetorum Greene = *Taraxacum ceratophorum* (Ledebour) A.P. de Candolle
***erythrospermum** Andrzejowski ex Besser [M&H]
 red-seed dandelion
Taraxacum laevigatum (Willdenow) A.P. de Candolle var. *erythrospermum* (Andrzejowski ex Besser) J. Weiss
Taraxacum officinale F.H. Wiggers var. *erythrospermum* (Andrzejowski ex Besser) Babington
laevigatum (Willdenow) A.P. de Candolle s.s. = a European name of uncertain application (Brouillet 2006)
laevigatum (Willdenow) A.P. de Candolle var. *erythrospermum* = *Taraxacum erythrospermum* Andrzejowski ex Besser
lyratum (Ledebour) A.P. de Candolle : Applied in the narrow sense to Asian plants (Brouillet 2006); our plants referred to *Taraxacum scopulorum* (A. Gray) Rydberg
montanum Nuttall = *Taraxacum ceratophorum* (Ledebour) A.P. de Candolle
mexicanum A.P. de Candolle = *Taraxacum officinale* Weber ex F.H. Wigg
***officinale** G.H. Weber ex F.H. Wiggers [M&H; W&S]
 common dandelion
Taraxacum mexicanum A.P. de Candolle
Taraxacum taraxacum (Linnaeus) Karsten
officinale F.H. Wiggers var. *erythrospermum* (Andrzejowski ex Besser) Babington = *Taraxacum erythrospermum* Andrzejowski ex Besser
officinale G.H. Weber ex F.H. Wiggers subsp. *ceratophorum* (Ledebour) Schinz ex Thellung = *Taraxacum ceratophorum* (Ledebour) A.P. de Candolle
officinale Linnaeus var. *scopulorum* A. Gray = *Taraxacum scopulorum* (A. Gray) Rydberg
scopulorum (A. Gray) Rydberg [M&H; Peterson 2000]
 rock dandelion
Taraxacum officinale Linnaeus var. *scopulorum* A. Gray
taraxacum (Linnaeus) Karsten = *Taraxacum officinale* Weber ex F.H. Wigg
Tessaria sericea (Nuttall) Shinners = *Pluchea sericea* (Nuttall) Cavanilles
Tetradymia horsebrush
 Strother, J.L. 1974. Taxonomy of *Tetradymia* (Compositae: Senecioneae). *Brittonia* 26:177-202.
canescens A.P. de Candolle [M&H; Strother 1974; W&S]
 spineless horsebrush
Tetradymia inermis Nuttall
+filifolia Greene [M&H; Strother 1979; W&S]
 thread-leaf horsebrush
inermis Nuttall = *Tetradymia canescens* A.P. de Candolle
spinosa Hooker & Arnott [M&H; Strother 1979]
 spiny horsebrush
Tetraneuris rubberweed
 Allred, K.W. 1999. New plant distribution records. *The New Mexico Botanist* 13:7. [*Tetraneuris scaposa*]
 Bierner, M.W. 1994. Submersion of *Dugaldia* and *Plummera* in *Hymenoxys* (Asteraceae: Heliantheae: Gaillardiiinae). *Sida* 16(1):1-8.
 Bierner, M.W. & R.K. Jansen. 1998. Systematic implications of DNA restriction site variation in *Hymenoxys* and *Tetraneuris* (Asteraceae, Helenieae, Gaillardiiinae). *Lundellia* 21:17-26.
 Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. *The New Mexico Botanist* 24:1-4. [*T. acaulis nana*]
 Parker, K.F. 1981. New combinations in *Tetraneuris* Greene (Heliantheae, Asteraceae). *Phytologia* 45:467.
acaulis (Pursh) Greene var. **acaulis** [M&H; W&S]
 stemless rubberweed
Actinea acaulis (Pursh) Sprengel
Actinella depressa Torrey & Gray var. *pygmaea* Gray
Hymenoxys acaulis (Pursh) Parker
Tetraneuris pygmaea (Torrey & Gray) Wootton & Standley
Tetraneuris trinervata Greene
acaulis (Pursh) Greene var. **arizonica** (Greene) Parker [M&H; W&S]
 Arizona stemless rubberweed
Actinea acaulis (Pursh) Sprengel subsp. *arizonica* (Greene) Blake
Actinea arizonica (Greene) A. Nelson
Hymenoxys acaulis (Pursh) Parker var. *arizonica* (Greene) Parker
Hymenoxys acaulis (Pursh) Parker var. *nana* Welsh
Tetraneuris arizonica Greene
Tetraneuris crandallii Rydberg
acaulis (Pursh) Greene var. **caespitosa** A. Nelson [M&H]
 stemless rubberweed
Hymenoxys acaulis (Pursh) Parker var. *caespitosa* (A. Nelson) Parker
Tetraneuris crandallii Rydberg
Tetraneuris lanata (Nuttall) Greene
Tetraneuris lanigera Daniels
acaulis (Pursh) Greene var. *nana* (Welsh) Kartesz & Gandhi = *Hymenoxys acaulis* (Pursh) Greene var. *arizonica* (Greene) Parker
angustifolia Greene = *Tetraneuris scaposa* (A.P. de Candolle) Greene var. *scaposa*
argentea (Gray) Greene [M&H; W&S]
 perky-Sue

Actinea formosa (Greene ex Wooton & Standley) Nelson
Actinella argentea Gray
Actinella leptoclada Gray
Hymenoxys argentea (Gray) Parker
Tetraneuris formosa Greene ex Wooton & Standley
Tetraneuris leptoclada (Gray) Greene
arizonica Greene = *Tetraneuris acaulis* (Pursh) Greene var. *arizonica* (Greene) Parker
brandegeei (Porter ex Gray) Parker = *Hymenoxys brandegeei* Porter ex Gray
crandallii Rydberg = *Tetraneuris acaulis* (Pursh) Greene var. *arizonica* (Greene) Parker
depressa (Torrey & Gray ex Gray) Greene = *Tetraneuris torreyana* (Nuttall) Greene
formosa Greene ex Wooton & Standley = *Tetraneuris argentea* (Gray) Greene
glabriuscula Greene = *Tetraneuris scaposa* (A.P. de Candolle) Greene var. *scaposa*
ivesiana Greene [M&H; W&S]
 Ives rubberweed
Hymenoxys acaulis (Pursh) Parker var. *ivesiana* (Greene) Parker
Hymenoxys ivesiana (Greene) Parker
lanata (Nuttall) Greene = *Tetraneuris acaulis* (Pursh) Greene var. *caespitosa* A. Nelson
lanigera Daniels = *Tetraneuris acaulis* (Pursh) Greene var. *caespitosa* A. Nelson
leptoclada (Gray) Greene = *Tetraneuris argentea* (Gray) Greene
linearifolia (Hooker) Greene [M&H; W&S]
 fineleaf rubberweed
Actinea linearifolia (Hooker) Torrey & Gray var. *oblongifolia* (Greene) Kittell
Actinella linearifolia (Hooker) Torrey & Gray
Hymenoxys linearifolia Hooker
Tetraneuris oblongifolia Greene
linearis (Nuttall) Greene = *Tetraneuris scaposa* (A.P. de Candolle) Greene var. *linearis* (Nuttall) Parker
oblongifolia Greene = *Tetraneuris linearifolia* (Hooker) Greene
pygmaea (Torrey & Gray) Wooton & Standley = *Tetraneuris acaulis* (Pursh) Greene var. *acaulis*
scaposa (A.P. de Candolle) Greene var. *linearis* (Nuttall) Parker = *Tetraneuris scaposa* (A.P. de Candolle) Greene var. *scaposa*
scaposa (A.P. de Candolle) Greene var. ***scaposa*** [M&H; W&S]
 naked rubberweed
Actinea scaposa (A.P. de Candolle) Kuntze
Actinella glabra Nuttall
Actinella scaposa (A.P. de Candolle) Nuttall
Actinella scaposa (A.P. de Candolle) Nuttall var. *angustifolia* (Greene) Kittell
Actinella scaposa (A.P. de Candolle) Nuttall var. *linearis* Nuttall
Cephalophora scaposa A.P. de Candolle
Hymenoxys scaposa (A.P. de Candolle) Parker
Hymenoxys scaposa (A.P. de Candolle) Parker var. *glabra* (Nuttall) Parker
Hymenoxys scaposa (A.P. de Candolle) Parker var. *linearis* (Nuttall) Parker
Hymenoxys scaposa (A.P. de Candolle) Parker var. *villosa* Shinners
Hymenoxys scaposa (A.P. de Candolle) Parker var. *scaposa*
Tetraneuris angustifolia Greene
Tetraneuris glabriuscula Greene
Tetraneuris linearis (Nuttall) Greene
Tetraneuris scaposa (A.P. de Candolle) Greene var. *linearis* (Nuttall) Parker
Tetraneuris scaposa (A.P. de Candolle) Greene var. *villosa* (Shinners) Shinners
Tetraneuris stenophylla Rydberg
scaposa (A.P. de Candolle) Greene var. *villosa* (Shinners) Shinners = *Tetraneuris scaposa* (A.P. de Candolle) Greene var. *scaposa*
stenophylla Rydberg = *Tetraneuris scaposa* (A.P. de Candolle) Greene var. *linearis* (Nuttall) Parker
torreyana (Nuttall) Greene [W&S]
 Torrey's rubberweed
Tetraneuris depressa (Torrey & Gray ex Gray) Greene
trinervata Greene = *Tetraneuris acaulis* (Pursh) Greene var. *acaulis*
Thelesperma greenthread
 Alexander, E.J. 1955. *Thelesperma*. N. Amer. Fl. II. 2:65-69.
 Hansen, C.J., L. Allphin, M.D. Windham. 2002. Biosystematic analysis of the *Thelesperma subnudum* complex (Asteraceae). Sida 20(1):71-96.
 Shinners, L.H. 1950. The Texas species of *Thelesperma* (Compositae). Field & Lab. 18:17-24.
ambiguum Gray [Alexander 1955]
 Colorado greenthread
filifolium Gray [M&H; W&S]
 greenthread
Thelesperma filifolium Gray var. *intermedium* (Rydberg) Shinners
Thelesperma formosum Greene
Thelesperma intermedium Rydberg
Thelesperma trifidum (Poiret) Britton
filifolium Gray var. *intermedium* (Rydberg) Shinners = *Thelesperma filifolium* Gray
formosum Greene = *Thelesperma filifolium* Gray
gracile (Torrey) Gray = *Thelesperma megapotamicum* (Sprengel) Kuntze [M&H]

intermediom Rydberg = *Thelesperma filifolium* Gray
longipes Gray [M&H; W&S]
 long-stalk greenthread
megapotamicum (Sprengel) Kuntze [M&H; W&S]
 Navajo-tea, Hopi-tea
Bidens megapotamicum Sprengel
Thelesperma gracile (Torrey) Gray
simplicifolium Gray [M&H]
 slender greenthread
subnudum Gray var. **subnudum** [M&H; W&S]
 Navajo-tea
trifidum (Poiret) Britton = *Thelesperma filifolium* Gray
Thymophylla dogweed
 Strother, J.L. 1969. Systematics of *Dyssodia* Cavanilles (Compositae: Tageteae). Univ. Calif. Pub. Bot. 48:1-86.
 Strother, J.L. 1986. Renovation of *Dyssodia* (Compositae: Tageteae). Sida 11:371-378.
 Worthington, R.D. 2004. Plant distribution reports. The New Mexico Botanist 31:2. [*Thymophylla tenuiloba*]
acerosa (A.P. de Candolle) Strother [M&H; W&S]
 prickle-leaf dogweed
Aciphyllaea acerosa (A.P. de Candolle) Gray
Dyssodia acerosa A.P. de Candolle
aurea (Gray) Greene ex Britton var. **aurea** [M&H; W&S]
 prickle-leaf
Dyssodia aurea (Gray) A. Nelson
Hymenatherum aureum Gray
Lowellia aurea Gray
aurea (Gray) Greene ex Britton var. **polychaeta** (Gray) Strother [M&H; W&S]
 prickle-leaf
Dyssodia polychaeta (Gray) Robinson
Hymenatherum polychaetum Gray
Thymophylla polychaeta (Gray) Small
greggii Gray = *Thymophylla setifolia* Lagasca var. *greggii* (Gray) Strother
hartwegii (Gray) Wooton & Standley = *Thymophylla pentachaeta* (A.P. de Candolle) Small var. *hartwegii* (Gray) Strother
neomexicana (Gray) Wooton & Standley = *Adenophyllum wrightii* Gray
pentachaeta (A.P. de Candolle) Small var. **belenidium** (A.P. de Candolle) Strother [M&H; W&S]
 parraleña
Dyssodia thurberi (Gray) Robinson
Hymenatherum thurberi Gray
Thymophylla gracilis Rydberg
Thymophylla thurberi (Gray) Wooton & Standley
pentachaeta (A.P. de Candolle) Small var. **hartwegii** (Gray) Strother [M&H; W&S]
 parraleña
Dyssodia hartwegii (Gray) Robinson
Hymenatherum hartwegii Gray
Thymophylla hartwegii (Gray) Wooton & Standley
 pentachaeta (A.P. de Candolle) Small var. pentachaeta : Reported by M&H & W&S, but this variety occurs in central Texas south into Mexico; our material identified as this most likely refers to var. *belenidium* (A.P. de Candolle) Strother (Strother 1969).
Dyssodia pentachaeta (A.P. de Candolle) Robinson
Hymenatherum pentachaetum A.P. de Candolle
polychaeta (Gray) Small = *Thymophylla aurea* (Gray) Greene in Britton & Brown var. *polychaeta* (Gray) Strother
setifolia Lagasca var. **greggii** (Gray) Strother [M&H; Strother 2006]
 Texas prickle-leaf
Dyssodia setifolia (Lagasca) Robinson var. *greggii* (Gray) Shinnars
Thymophylla greggii Gray
Thymophylla setifolia Lagasca var. *radiata* (Gray) Strother, nom. illeg.
setifolia Lagasca var. *radiata* (Gray) Strother = *Thymophylla setifolia* Lagasca var. *greggii* (Gray) Strother
tenuiloba (A.P. de Candolle) Small var. **tenuiloba** [Worthington 2004]
 bristly dogweed
thurberi (Gray) Wooton & Standley = *Thymophylla pentachaeta* (A.P. de Candolle) Small var. *belenidium* (A.P. de Candolle) Strother
Tonestus serpentweed
 Lane, M.A. & R.L. Hartman. 1996. Reclassification of North American *Haplopappus* (Compositae: Astereae) completed: *Rayjacksonia* gen. nov. Amer. J. Bot. 83(3):356-370.
 Nesom, G.L. and D.R. Morgan. 1990. Reinstatement of *Tonestus* (Asteraceae: Astereae). Phytologia 68:174-180.
microcephalus (Cronquist) Nesom & Morgan = *Lorandersonia microcephala* (Cronquist) Urbatsch, Roberts & Neubig
pygmaeus (Torrey & Gray) A. Nelson [M&H; W&S]
 pygmy serpentweed
Haplopappus pygmaeus (Torrey & Gray) Gray
Torximon cuspidatum Pursh = *Nothocalais cuspidata* (Pursh) Greene

Townsendia Townsend-daisy

Beaman, J.H. 1957. The systematics and evolution of *Townsendia* (Compositae). Contr. Gray Herb. 183.

Lowrey, T.K. and P.J. Knight. 1994. *Townsendia gypsophila* (Compositae: Astereae): a new species from northern New Mexico. Brittonia 46:194-199.

Strother, J.L. 2006. *Townsendia*, p. 193-203. IN: Flora of North America, vol. 20. Oxford University Press, New York.

annua Beaman [M&H]

annual Townsend-daisy

arizonica Gray = *Townsendia incana* Nuttall

eximia Gray [M&H; W&S]

Rocky Mountain Townsend-daisy

exscapa (Richardson) Porter [M&H; W&S]

stemless Townsend-daisy

Townsendia sericea Hooker

fendleri Gray [M&H; W&S]

Fendler's Townsend-daisy

formosa Greene [M&H; W&S]

smooth Townsend-daisy

glabella Gray : Not occurring in NM; previous reports based on a misidentification of *Townsendia grandiflora* Nuttall (T. Lowrey, pers. comm. 1995).

grandiflora Nuttall [M&H; W&S]

big-head Townsend-daisy

+**gypsophila** Lowrey & Knight [Lowrey & Knight 1994]

gyp Townsend-daisy

incana Nuttall [M&H; W&S]

hoary Townsend-daisy

Townsendia arizonica Gray

leptotes (Gray) Osterhout [M&H]

common Townsend-daisy

Townsendia sericea Hooker var. *leptotes* Gray

rothrockii Gray ex Rothrock : Reported by Kartesz (1999) without documentation; awaits verification.

sericea Hooker = *Townsendia exscapa* (Richardson) Porter

sericea Hooker var. *leptotes* Gray = *Townsendia leptotes* (Gray) Osterhout

strigosa Nuttall [Strother 2006]

hairy Townsend-daisy

Tragopogon salsify

Owney, M. 1950. Natural hybridization and amphiploidy in the genus *Tragopogon*. Amer. J. Bot. 37:487-499.

***dubius** Scopoli [M&H]

yellow salsify

***porrifolius** Linnaeus [M&H; W&S]

leek salsify

***pratensis** Linnaeus [M&H]

Jack-go-to-bed-at-noon, meadow salsify

Tripolium frondosum Nuttall = *Symphotrichum frondosum* (Nuttall) Nesom

Trixis threefold

Anderson, C. 1972. A monograph of the Mexican and Central American species of *Trixis* (Compositae). Mem. N.Y. Bot. Gard. 22(3):1-68.

californica Kellogg [M&H; W&S]

California threefold

Troximon arizonicum Greene = *Agoseris aurantiaca* (Hooker) Greene var. *purpurea* (Gray) Cronquist

glaucum Pursh = *Agoseris glauca* (Pursh) D. Dietrich var. *glauca*

heterophyllum (Nuttall) Greene = *Agoseris heterophylla* (Nuttall) Greene var. *heterophylla*

parviflorum Nuttall = *Agoseris parviflora* (Nuttall) D. Dietrich

Uropappus silverpuffs

linearifolius Nuttall = *Uropappus lindleyi* (A.P. de Candolle) Nuttall

lindleyi (A.P. de Candolle) Nuttall [M&H; W&S]

silverpuffs

Microseris linearifolia (Nuttall) Schultz-Bipontinus

Microseris lindleyi (A.P. de Candolle) Gray

Uropappus linearifolius Nuttall

Uropappus pruinosus Greene

pruinus Greene = *Uropappus lindleyi* (A.P. de Candolle) Nuttall

Varilla texana Gray : Reported for NM from near El Paso by Vines (1960), but this seems unlikely in view of its distribution in the Tamaulipan vegetation of south Texas and adjacent Mexico and its exclusion from the Chihuahuan Desert flora by Henrickson & Johnston (1997).

Verbesina crownbeard

Coleman, J.R. 1966. A taxonomic revision of section *Ximenesia* of the genus *Verbesina* (Compositae). Amer. Midl. Naturalist 76:475-481.

Strother, J.L. *Verbesina*, pp. 106-111. IN: Flora of North America, vol. 21. Oxford University Press.

alba Linnaeus = *Eclipta prostrata* (Linnaeus) Linnaeus

- encelioides** (Cavanilles) Bentham & Hooker f. ex Gray var. **encelioides** [M&H]
golden crownbeard, cowpen daisy
Ximenesia encelioides Cavanilles
- encelioides** (Cavanilles) Bentham & Hooker f. ex Gray var. **exauriculata** B.L. Robinson & J.L. Greenman [M&H; W&S]
golden crownbeard, cowpen daisy
Ximenesia exauriculata (B.L. Robinson & J.L. Greenman) Rydberg
- longifolia** Gray [M&H; W&S]
long-leaf crownbeard
Actinomeris longifolia Gray
- nana** (Gray) B.L. Robinson & J.L. Greenman [M&H; W&S]
dwarf crownbeard
Woottonella nana (Gray) Standley
Ximenesia encelioides Cavanilles var. *nana* Gray
- oreophila** Wooton & Standley [M&H; W&S]
mountain crownbeard
podocephala Gray = *Lasiantha podocephala* (Gray) Baker
- rothrockii** B.L. Robinson & J.L. Greenman [M&H; W&S]
Rothrock's crownbeard
Verbesina wrightii Gray, not Grisebach
wrightii Gray = *Verbesina rothrockii* Robinson
- Vernonia** ironweed
Carson National Forest, USDA Forest Service. 2000. New plant distribution records 15:7. [*Vernonia noveborascensis*]
Jones, S.B. 1972. A systematic study of the Fasciculatae group of *Vernonia* (Compositae). *Brittonia* 24:28-45.
altissima Nuttall var. *marginata* Torrey = *Vernonia marginata* (Torrey) Rafinesque
baldwinii Torrey subsp. interior (Small) Faust : Reported by Kartesz (1999) without documentation; awaits verification.
jamesii Torrey & Gray = *Vernonia marginata* (Torrey) Rafinesque
marginata (Torrey) Rafinesque [M&H; W&S]
plains ironweed
Vernonia altissima Nuttall var. *marginata* Torrey
Vernonia jamesii Torrey & Gray
- missurica** Rafinesque [M&H; W&S]
Missouri ironweed
novoborensis (Linnaeus) Michaux : Reported in a listing by the Carson National Forest (2000), but this seems unlikely in view of this species's distribution east of the Mississippi; perhaps a recent exotic; needs verification.
- Viguiera** goldeneye
Blake, S.F. 1918. A revision of the genus *Viguiera*. *Contr. Gray Herb.* 54:1-218.
Schilling, E.E. 2006. *Viguiera*, in pp. 172-174. IN: *Flora of North America*, vol. 21(3). Oxford University Press.
annua (M.E. Jones) Blake = *Heliomeris longifolia* (B.L. Robinson & J.L. Greenman) Cockerell var. *annua* (M.E. Jones) W.F. Yates
ciliata (B.L. Robinson & J.L. Greenman) Blake = *Heliomeris hispida* (Gray) Cockerell
- cordifolia** Gray [M&H; W&S]
heart-leaf goldeneye
- dentata** (Cavanilles) Sprengel [M&H; W&S]
toothed goldeneye
Helianthus dentatus Cavanilles
Viguiera texana Torrey & Gray
- longifolia* (B.L. Robinson & J.L. Greenman) Blake var. *longifolia* = *Heliomeris longifolia* (B.L. Robinson & J.L. Greenman) var. *longifolia*
longifolia (B.L. Robinson & J.L. Greenman) Blake var. *annua* (M.E. Jones) Welsh = *Heliomeris longifolia* (B.L. Robinson & J.L. Greenman) Cockerell var. *annua* (M.E. Jones) W.F. Yates
- multiflora* (Nuttall) Blake = *Heliomeris multiflora* Nuttall var. *multiflora*
multiflora (Nuttall) Blake var. *ovalis* Blake = *Heliomeris multiflora* Nuttall var. *brevifolia* (Greene ex Wooton & Standley) W.F. Yates
ovalis Blake = *Heliomeris multiflora* Nuttall var. *brevifolia* (Greene ex Wooton & Standley) W.F. Yates
- stenoloba** Blake [M&H; W&S]
resinbush
Gymnolomia tenuifolia (Gray) Bentham & Hooker
Heliomeris tenuifolia Gray
texana Torrey & Gray = *Viguiera dentata* (Cavanilles) Sprengel
triloba (Gray) J. Olsen = *Zaluzania grayana* B.L. Robinson & J.L. Greenman
- Villanova biternata* (Gray) Wooton & Standley = *Bahia biternata* Gray
dissecta (Gray) Rydberg = *Amauriopsis dissecta* (Gray) Rydberg
Woottonella nana (Gray) Standley = *Verbesina nana* (Gray) Robinson
Woottonia parviflora Greene = *Dicranocarpus parviflorus* (Gray) Gray
- Wyethia** mule's-ears
Weber, W.A. 1946. A taxonomic and cytological study of the genus *Wyethia*, family Compositae, with notes on the related genus *Balsamorhiza*. *Amer. Midl. Naturalist* 35:400-452.
Weber, W.A. 2006. *Scabrethia*, pp. 99-100. IN: *Flora of North America*, vol. 21. Oxford University Press. [*Wyethia scabra attenuata*]
- arizonica** Gray [M&H; W&S; Weber 1946]
Arizona mule's-ears

scabra Hooker var. *attenuata* W.A. Weber [Weber 2006]

badland mule's-ears

Scabrethia scabra (Hooker) W.A. Weber subsp. *attenuata* (W.A. Weber) W.A. Weber

scabra Hooker var. *canescens* W.A. Weber [M&H; Weber 1946]

badland mule's-ears

Scabrethia scabra (Hooker) W.A. Weber subsp. *canescens* (W.A. Weber) W.A. Weber

Wyomingia cana (Gray) A. Nelson = *Erigeron canus* Gray

cinerea A. Nelson = *Erigeron pulcherrimus* Heller var. *pulcherrimus*

pulcherrima A. Nelson = *Erigeron pulcherrimus* Heller var. *pulcherrimus*

Xanthisma sleep-daisy

Harman, R.L. 2006. *Xanthisma*, pp. 383-393. IN: Flora of North America, vol. 20. Oxford University Press, New York.

Morgan, D.R. & R.L. Hartman. 2003. A synopsis of *Machaeranthera* (Asteraceae: Astereae), with recognition of segregate genera. *Sida* 20(4):1387-1416.

Nesom, G.L. 2003. New combinations in *Xanthisma* (Asteraceae: Astereae). *Sida* 20(4):1585-1588.

Semple, J.C. 1974. The phylogeography and systematics of *Xanthisma texanum* A.P. de Candolle (Asteraceae): proper usage of infraspecific categories. *Rhodora* 76:1-19.

blephariphyllum (Gray) Morgan & Hartman [M&H]

Texas sleep-daisy

Aplopappus blephariphyllus Gray

Aster gymnocephalus auct. non (A.P. de Candolle) Gray

Haplopappus gymnocephalus auctores

Sideranthus serratus (Greene) Standley

Machaeranthera blephariphylla (Gray) Shinnery

Machaeranthera gymnocephala auct. non (A.P. de Candolle) Shinnery

glaberrimum (Rydberg) Nesom & O'Kennon = *Xanthisma spinulosum* (Pursh) Morgan & Hartman var. *glaberrimum* (Rydberg) Morgan & Hartman

gracile (Nuttall) Morgan & Hartman

slender sleep-daisy

Dieteria gracilis Nuttall

Haplopappus gracilis (Nuttall) Gray

Machaeranthera gracilis (Nuttall) Shinnery

Sideranthus gracilis (Nuttall) Nelson

grindeloides (Nuttall) Morgan & Hartman [Hartman 1990; M&H; W&S]

ray-less sleep-daisy

Haplopappus nuttallii Torrey & Gray

Machaeranthera grindeloides (Nuttall) Shinnery

Sideranthus grindeloides Nuttall

gypsophilum (B.L. Turner) Morgan & Hartman [Hartman 2006]

gyp sleep-daisy

Machaeranthera gypsophila B.L. Turner

spinulosum (Pursh) Morgan & Hartman var. **chihuahuanum** (Turner & Hartman) Morgan & Hartman [Turner & Hartman 1976]

lacy sleep-daisy

Machaeranthera pinnatifida (Hooker) Shinnery var. *chihuahuana* B.L. Turner & Hartman

spinulosum (Pursh) Morgan & Hartman var. **glaberrimum** (Rydberg) Morgan & Hartman [M&H; Turner & Hartman 1976; W&S]

smooth sleep-daisy

Haplopappus spinulosus (Pursh) A.P. de Candolle subsp. *glaberrimum* (Rydberg) Hall

Machaeranthera pinnatifida (Hooker) Shinnery var. *glaberrima* (Rydberg) Turner & Hartman

Sideranthus glaberrimus Rydberg

spinulosum (Pursh) Morgan & Hartman var. **spinulosum** [M&H; Turner & Hartman 1976; W&S]

lacy sleep-daisy

Eriocarpum wootonii Greene

Haplopappus spinulosus (Pursh) A.P. de Candolle subsp. *australis* (Greene) Hall

Haplopappus spinulosus (Pursh) A.P. de Candolle subsp. *laevis* (Wooton & Standley) Hall

Haplopappus spinulosus (Pursh) A.P. de Candolle subsp. *scabrellus* (Greene) Hall

Haplopappus spinulosus (Pursh) A.P. de Candolle subsp. *spinulosus*

Machaeranthera australis (Greene) Shinnery

Machaeranthera pinnatifida (Hooker) Shinnery

Sideranthus laevis Wooton & Standley

Sideranthus spinulosus (Pursh) Sweet ex Rydberg

Sideranthus wootonii (Greene) Standley

texanum A.P. de Candolle subsp. **drummondii** (Torrey & Gray) Semple [M&H] Note: Not reported for NM by Hartman (2006); perhaps warrants verification.

Texas sleepy-daisy

viscidum (Wooton & Standley) Morgan & Hartman [M&H; Hartman 1990; W&S]

sticky sleep-daisy

Haplopappus havardii Waterfall

Machaeranthera havardii (Waterfall) Shinnery

- Machaeranthera viscida* (Wooton & Standley) Hartman
Sideranthus viscidus Wooton & Standley
- Xanthium**
 cocklebur
 Cronquist, A. 1994. *Xanthium*, pp. 64-65. IN: Intermountain Flora, vol. 5. New York Botanical Garden.
campestre Greene = *Xanthium strumarium* Linnaeus var. *canadense* (Miller) Torrey
canadense Miller = *Xanthium strumarium* Linnaeus var. *canadense* (Miller) Torrey
chinense Miller = *Xanthium strumarium* Linnaeus var. *glabratum* (A.P. de Candolle) Cronquist
commune Britton = *Xanthium strumarium* Linnaeus var. *canadense* (Miller) Torrey
commune Britton var. *wootonii* Cockerell = *Xanthium strumarium* Linnaeus var. *glabratum* (A.P. de Candolle) Cronquist
italicum Moretti = *Xanthium strumarium* Linnaeus var. *canadense* (Miller) Torrey
macrocarpum A.P. de Candolle var. *glabratum* A.P. de Candolle = *Xanthium strumarium* Linnaeus var. *glabratum* (A.P. de Candolle) Cronquist
pennsylvanicum Wallroth = *Xanthium strumarium* Linnaeus var. *glabratum* (A.P. de Candolle) Cronquist
saccharatum Wallroth = *Xanthium strumarium* Linnaeus var. *canadense* (Miller) Torrey
 ***spinosum** Linnaeus [M&H; W&S]
 spiny cocklebur
Acanthoxanthium spinosum (Linnaeus) Fourr.
- strumarium** Linnaeus var. **canadense** (Miller) Torrey [M&H; W&S]
 rough cocklebur
Xanthium campestre Greene
Xanthium canadense Miller
Xanthium commune Britton
Xanthium italicum Moretti
Xanthium saccharatum Wallroth
- strumarium** Linnaeus var. **glabratum** (A.P. de Candolle) Cronquist [M&H; W&S]
 rough cocklebur
Xanthium chinense Miller
Xanthium commune Britton var. *wootonii* Cockerell
Xanthium macrocarpum A.P. de Candolle var. *glabratum* A.P. de Candolle
Xanthium pennsylvanicum Wallroth
Xanthium strumarium Linnaeus var. *wootonii* (Cockerell) M.E. Peck
Xanthium strumarium Linnaeus var. *wootonii* (Cockerell) Martin & Hutchins ined. [not validly published]
Xanthium wootonii (Cockerell) Cockerell
strumarium Linnaeus var. *wootonii* (Cockerell) Martin & Hutchins ined. [This combination not validly published by M&H; ICBN, Article 33] = *Xanthium strumarium* Linnaeus var. *glabratum* (A.P. de Candolle) Cronquist
strumarium Linnaeus var. *wootonii* (Cockerell) M.E. Peck = *Xanthium strumarium* Linnaeus var. *glabratum* (A.P. de Candolle) Cronquist
wootonii (Cockerell) Cockerell
- Xanthocephalum dracunculoides* (A.P. de Candolle) Shinnars = *Amphiachyris dracunculoides* (A.P. de Candolle) Nuttall
microcephalum (A.P. de Candolle) Shinnars = *Gutierrezia microcephala* (A.P. de Candolle) Gray
sarothrae (Pursh) Shinnars = *Gutierrezia sarothra* (Pursh) Britton & Rusby
wrightii (A. Gray) A. Gray = *Gutierrezia wrightii* A. Gray
- Ximenesia encelioides* Cavanilles = *Verbesina encelioides* (Cavanilles) Benth & Hooker var. *encelioides*
exauriculata (B.L. Robinson & J.L. Greenman) Rydberg = *Verbesina encelioides* (Cavanilles) Benth & Hooker var. *exauriculata* B.L. Robinson & J.L. Greenman
encelioides Cavanilles var. *nana* Gray = *Verbesina nana* (Gray) Robinson
- Xylorhiza tortifolia* (Torrey & Gray) Greene : Reported for NM by Tidestrom & Kittell (1941), but restricted to more western localities by all subsequent authors (i.e., Hickman 1993; Kearney & Peebles 1969; Nesom 2002; Welsh et al. 1993).
- Zaluzania**
 yellow-streamers
grayana B.L. Robinson & J.L. Greenman [M&H; W&S]
 yellow-streamers
Viguiera triloba (Gray) J. Olsen
- Zexmenia brevifolia* Gray = *Jefea brevifolia* (Gray) Strother
podocephala (Gray) Gray = *Lasiantha podocephala* (Gray) Baker
- Zinnia**
 zinnia
 Torres, A.M. 1963. Taxonomy of *Zinnia*. Brittonia 15:1-25.
acerosa (A.P. de Candolle) Gray [M&H; W&S]
 desert zinnia
Crassina pumila (Gray) Kuntze
Zinnia pumila Gray
grandiflora Nuttall [M&H; W&S]
 plains zinnia
Crassina grandiflora (Nuttall) Kuntze
pumila Gray = *Zinnia acerosa* (A.P. de Candolle) Gray

Family BERBERIDACEAE

- Berberis** barberry
 Cox, G.W. 2001. New plant distribution records. The New Mexico Botanist 20:8. [*Berberis vulgaris*]

Hall, H.H. & S. Flowers. 1961. Vascular plants found in the Navajo Reservoir Basin, pp. 47-87. IN: D.M. Pendergast (ed.). Ecological studies of the flora and fauna of Navajo Reservoir Basin, Colorado and New Mexico. Univ. Utah Anthropological Papers, number 55. [*Berberis vulgaris*]

Whittemore, A.T. 1997. *Berberis*, pp. 276-286. IN: Flora of North America, vol. 3. Oxford University Press.

aquifolius Pursh = *Berberis repens* Lindley

fendleri Gray [Whittemore 1997; M&H; W&S]

Fendler's barberry

Mahonia fendleri (Gray) Wooton & Standley

fremontii Torrey [Whittemore 1997; M&H; W&S]

desert Oregon-grape

Mahonia fremontii (Torrey) Fedde

Odostemon fremontii (Torrey) Rydberg

haematocarpa Wooton [Whittemore 1997; M&H; W&S]

algerita, red Oregon-grape

Mahonia haematocarpa (Wooton) Fedde

Odostemon haematocarpus (Wooton) Heller

nana Greene = *Berberis repens* Lindley

repens Lindley [Whittemore 1997; M&H; W&S]

creeping Oregon-grape

Berberis aquifolius Pursh

Berberis nana Greene

Mahonia repens (Lindley) G. Don

Odostemon repens (Lindley) Cockerell

trifoliolata Moricand [Whittemore 1997; M&H; W&S]

Laredo Oregon-grape

Mahonia trifoliolata (Moricand) Fedde

Odostemon trifoliolatus (Moricand) Heller

***vulgaris** Linnaeus [Cox 2001; Hall & Flowers 1961]

European barberry

wilcoxii Kearney [Whittemore 1997; M&H; W&S]

Wilcox's barberry

Odostemon wilcoxii (Kearney) Heller

Mahonia fendleri (Gray) Wooton & Standley = *Berberis fendleri* Gray

fremontii (Torrey) Fedde = *Berberis fremontii* Torrey

haematocarpa (Wooton) Fedde = *Berberis haematocarpa* Wooton

repens (Lindley) G. Don = *Berberis repens* Lindley

trifoliolata (Moricand) Fedde = *Berberis trifoliolata* Moricand

Odostemon fremontii (Torrey) Rydberg = *Berberis fremontii* Torrey

haematocarpus (Wooton) Heller = *Berberis haematocarpa* Wooton

repens (Lindley) Cockerell = *Berberis repens* Lindley

trifoliolatus (Moricand) Heller = *Berberis trifoliolata* Moricand

wilcoxii (Kearney) Heller = *Berberis wilcoxii* Kearney

Family BETULACEAE

Furlow, J.J. 1997. Betulaceae, pp. 507-538. IN: Flora of North America, vol. 3. Oxford University Press.

Alnus alder

Furlow, J.J. 1979. The systematics of the American species of *Alnus* (Betulaceae). *Rhodora* 81:151-248.

incana (Linnaeus) Moench subsp. **tenuifolia** (Nuttall) Breitung [Furlow 1997; M&H; W&S]

mountain alder

Alnus tenuifolia Nuttall

oblongifolia Torrey [Whittemore 1997; M&H; W&S]

Arizona alder

tenuifolia Nuttall = *Alnus incana* (Linnaeus) Moench subsp. *tenuifolia* (Nuttall) Breitung

Betula birch

Hartman, R.L. 2003. General floristic survey of the Valles Caldera National Preserve, New Mexico. Report on Field Seasons 2001, 2002. Available from the author <rhartman@uwyo.edu>. [*Betula glandulosa*]

Hartman, R.L., B. Reif, B.E. Nelson, & B. Jacobs. 2006. New vascular plant records for New Mexico. *Sida* 22(2):1225-1233. [*Betula glandulosa*]

fontinalis Sargent = *Betula occidentalis* Hooker

glandulosa Michaux [Hartman 2003; Harman et al. 2006]

bog birch

occidentalis Hooker [M&H; W&S]

water birch

Betula fontinalis Sargent

Ostrya hop-hornbeam

baileyi Rose = *Ostrya knowltonii* Coville

knowltonii Coville [M&H; W&S]

Knowlton's hop-hornbeam

Ostrya baileyi Rose

Family BIGNONIACEAE

Catalpa catalpa

Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4.
**speciosa* (Warder) Warder ex Engelmann [Heil et al. 2002]

catalpa

Chilopsis desert-willow

Henrickson, J. 1985. A taxonomic revision of *Chilopsis* (Bignoniaceae). Aliso 11:179-197.

linearis (Cavanilles) Sweet subsp. *arcuata* (Fosberg) Henrickson [Henrickson 1985]

desert-willow

linearis (Cavanilles) Sweet subsp. *linearis* [M&H; W&S]

desert-willow

Chilopsis saligna D. Don

saligna D. Don = *Chilopsis linearis* (Cavanilles) Sweet

Stenobium incisum Rose & Standley = *Tecoma stans* (Linnaeus) Jussieu ex Humboldt, Bonpland, & Kunth var. *angustata* Rehder

Tecoma trumpet-bush

stans (Linnaeus) Jussieu ex Humboldt, Bonpland, & Kunth var. *angustata* Rehder [M&H; W&S]

yellow trumpet-bush

Stenobium incisum Rose & Standley

Family BIXACEAE

[Cochlospermaceae]

Amoreuxia yellowshow

Hodgson, W. 1993. Bixaceae. J. Ariz.-Nev. Acad. Sci. 27(2):188-189.

palmatifida Sessé & Mociño ex A.P. de Candolle [M&H]

Mexican yellowshow

Family BORAGINACEAE

[Ehretiaceae, Heliotropaceae]

Cronquist, A. 1984. Boraginaceae, pp. 207-293. IN: Intermountain Flora, vol. 4. New York Botanical Garden.

Higgins, L.C. 1979. Boraginaceae of the southwestern United States. Great Basin Naturalist 39(4):293-350.

Allocarya scopulorum Greene = *Plagiobothrys scopulorum* (Greene) I.M. Johnston

Amsinckia devil's-lettuce

Sivinski, R.C. 2005. Plant distribution reports (*Amsinckia menziesii intermedia*, *Astragalus eremiticus*). The New Mexico Botanist 33:7.

intermedia Fischer & Meyer = *Amsinckia menziesii* (Lehmann) A. Nelson & J.F. Macbride var. *intermedia* (Fischer & Meyer) Ganders

menziesii (Lehmann) A. Nelson & J.F. Macbride var. *intermedia* (Fischer & Meyer) Ganders [Sivinski 2005]

small devil's-lettuce

Amsinckia intermedia Fischer & Meyer

tessellata Gray [Higgins 1979; M&H]

devil's-lettuce

Antiphytum saucer-flower

Sivinski, R., T. Lowrey and R. Peterson. 1994. Additions to the native and adventive flora of New Mexico. Phytologia 76(6):473-479. [*Antiphytum floribundum*]

floribundum (Torrey) Gray [Sivinski et al. 1994]

Texas saucer-flower

Coldenia canescens A.P. de Candolle = *Tiquilia canescens* (A.P. de Candolle) A. Richardson

gossypina (Wootton & Standley) I.M. Johnston = *Tiquilia gossypina* (Wootton & Standley) A. Richardson

greggii (Torrey) Gray = *Tiquilia greggii* (Torrey) A. Richardson

hispidissima (Torrey) Gray = *Tiquilia hispidissima* (Torrey) A. Richardson

Cryptantha cat's-eye

Sivinski, R. 1993. Noteworthy collections (New Mexico). Madroño 40:273-274. [*Cryptantha gracilis*, *C. recurvata*]

Sivinski, R. 1994. A review of *Cryptantha fulvocanescens* (Boraginaceae) with the re-evaluation of Greene's *Oreocarya nitida*. Madroño 41(4):243-253.

Sivinski, R.C. 1998. The genus *Cryptantha* (Boraginaceae) in New Mexico. The New Mexico Botanist 8:2-9.

Sivinski, R. 2006. Plant distribution reports. The New Mexico Botanist 35:3. [*Cryptantha nevadensis*]

Sivinski, R. 2006. Plant distribution reports (*Cryptantha flavocolata*). The New Mexico Botanist 36:7.

Spellenberg, R., M. Mahrt & R. Brozka. 1991. Noteworthy collections, New Mexico. Madroño 38:298-301. [*Cryptantha pterocarya* var. *pterocarya*]

albida (Humboldt, Bonpland, & Kunth) I.M. Johnston [M&H; Sivinski 1998]

New Mexico cat's-eye

Cryptantha ramosa (Lehmann) Greene

Myosotis albida Humboldt, Bonpland, & Kunth

angustifolia (Torrey) Greene [M&H; Sivinski 1998]

Panamint cat's-eye

Eritrichium angustifolium Torrey

Krynitzkia angustifolia (Torrey) Gray

bakeri (Greene) Payson [Sivinski 1998]

Baker's cat's-eye

Oreocarya bakeri Greene

barbigera (Gray) Greene [Sivinski 1998]

bearded cat's-eye
Eritrichium barbigerum Gray

cinerea (Greene) Cronquist var. **cinerea** [Sivinski 1998; W&S]
 James's cat's-eye
Cryptantha jamesii (Torrey) Payson var. *disticha* (Eastwood) Payson
Cryptantha jamesii (Torrey) Payson var. *multicaulis* (Torrey) Payson
Cryptantha jamesii (Torrey) Payson var. *setosa* (Jones) Johnston ex Tidestrom
Eritrichium multicaule Torrey
Krynitzkia multicaulis Torrey var. *setosa* M.E. Jones
Oreocarya disticha Eastwood
Oreocarya multicaulis (Torrey) Greene
Oreocarya suffruticosa (Torrey) Greene var. *multicaulis* (Torrey) Payson

cinerea (Greene) Cronquist var. **jamesii** Cronquist [Sivinski 1998]
 James's cat's-eye
Cryptantha jamesii (Torrey) Payson
Eritrichium jamesii Torrey [nom. illegit.]
Krynitzkia jamesii (Torrey) Gray
Myosotis suffruticosa Torrey
Oreocarya suffruticosa (Torrey) Greene

cinerea (Greene) Cronquist var. **laxa** (Macbride) Higgins [M&H; Sivinski 1998]
 James's cat's-eye
Cryptantha jamesii (Torrey) Payson var. *laxa* (Macbride) Payson
Oreocarya multicaulis (Torrey) Greene var. *laxa* Macbride

cinerea (Greene) Cronquist var. **pustulosa** (Rydberg) Higgins [Sivinski 1998]
 James's cat's-eye
Cryptantha jamesii (Torrey) Payson var. *pustulosa* (Rydberg) Harrington
Cryptantha pustulosa (Rydberg) Payson
Oreocarya pustulosa Rydberg

coryi I.M. Johnston = *Cryptantha palmeri* (Gray) Payson

crassisepala (Torrey & Gray) Greene var. **crassisepala** [M&H; Sivinski 1998]
 thick-sepal cat's-eye
Eritrichium crassisepalum Torrey & Gray
Krynitzkia crassisepala (Torrey & Gray) Gray

crassisepala (Torrey & Gray) Greene var. **elachantha** I.M. Johnston [M&H; Sivinski 1998]
 thick-sepal cat's-eye
cycloptera Greene = *Cryptantha pterocarya* (Torrey) Greene var. *cycloptera* (Greene) Macbride

fendleri (Gray) Greene [M&H; Sivinski 1998]
 Fendler's cat's-eye
Cryptantha pattersonii (A. Gray) Greene
Krynitzkia fendleri Gray

flava (A. Nelson) Payson [M&H; Sivinski 1998; W&S]
 yellow cat's-eye
Oreocarya flava A. Nelson
Oreocarya lutescens Greene

flavoculata (A. Nelson) Payson [Sivinski 2006]
 rough-seed cat's-eye
fulvocanescens (S. Watson) Payson var. *echinoides* (Jones) Higgins = *Cryptantha fulvocanescens* (S. Watson) Payson var. *fulvocanescens*

fulvocanescens (S. Watson) Payson var. **fulvocanescens** [M&H; Sivinski 1998; W&S]
 tawny cat's-eye
Cryptantha fulvocanescens (S. Watson) Payson var. *echinoides* (Jones) Higgins
Oreocarya fulvocanescens (S. Watson) Greene

fulvocanescens (S. Watson) Payson var. **nitida** (Greene) Sivinski [Sivinski 1994; Sivinski 1998]
 tawny cat's-eye

gracilis Osterhout [Sivinski 1993; Sivinski 1998]
 slender cat's-eye
jamesii (Torrey) Payson var. *disticha* (Eastwood) Payson = *Cryptantha cinerea* (Greene) Cronquist var. *cinerea*
jamesii (Torrey) Payson var. *jamesii* = *Cryptantha cinerea* (Greene) Cronquist var. *jamesii* Cronquist
jamesii (Torrey) Payson var. *laxa* (Macbride) Payson = *Cryptantha cinerea* (Greene) Cronquist var. *laxa* (Macbride) Higgins
jamesii (Torrey) Payson var. *multicaulis* (Torrey) Payson = *Cryptantha cinerea* (Greene) Cronquist var. *cinerea*
jamesii (Torrey) Payson var. *pustulosa* (Rydberg) Harrington = *Cryptantha cinerea* (Greene) Cronquist var. *pustulosa* (Rydberg) Higgins
jamesii (Torrey) Payson var. *setosa* (Jones) Johnston ex. Tidestrom = *Cryptantha cinerea* (Greene) Cronquist var. *cinerea*

mexicana (Brandege) I.M. Johnston [M&H; Sivinski 1998]
 Mexican cat's-eye

micrantha (Torrey) I.M. Johnston [M&H; Sivinski 1998]
 red-root cat's-eye
Remocarya micrantha (Torrey) Greene

Eritrichium micranthum Torrey
minima Rydberg [M&H; Sivinski 1998]
 little cat's-eye
nevadensis A. Nelson & Kennedy var. **nevadensis** [Sivinski 1998; Spellenberg et al. 1993]
 Nevada cat's-eye
nevadensis A. Nelson & Kennedy var. **rigida** I.M. Johnston [Sivinski 2006]
 Nevada cat's-eye
oblata (M.E. Jones) Payson [M&H; Sivinski 1998; W&S]
 rough cat's-eye
Krynitzkia oblata M.E. Jones
Oreocarya hispidissima sensu Wooton & Standley
Oreocarya oblata (M.E. Jones) Macbride
palmeri (Gray) Payson [M&H; Sivinski 1998]
 Palmer's cat's-eye
Crypthantha coryi I.M. Johnston
Krynitzkia palmeri Gray
Oreocarya palmeri (Gray) Greene
paradoxa (A. Nelson) Payson [M&H; Sivinski 1998]
 handsome cat's-eye
Oreocarya paradoxa A. Nelson
pattersonii (A. Gray) Greene = *Cryptantha fendleri* (Gray) Greene
paysonii (Macbride) I.M. Johnston [M&H; Sivinski 1998]
 Payson's cat's-eye
Oreocarya paysonii Macbride
pterocarya (Torrey) Greene var. **cycloptera** (Greene) Macbride [M&H; Sivinski 1998]
 winged cat's-eye
Crypthantha cycloptera Greene
Krynitzkia cycloptera Greene
pterocarya (Torrey) Greene var. **pterocarya** [Spellenberg et al. 1991; Sivinski 1998]
 winged cat's-eye
Eritrichium pterocaryum Torrey
Krynitzkia pterocarya (Torrey) Gray
pusilla (Torrey & Gray) Greene [M&H; Sivinski 1998]
 low cat's-eye
Eritrichium pusillum Torrey & Gray
Krynitzkia pusilla (Torrey & Gray) Gray
pustulosa (Rydberg) Payson = *Cryptantha cinerea* (Greene) Cronquist var. *pustulosa* (Rydberg) Higgins
ramosa (Lehmann) Greene = *Cryptantha albida* (Humboldt, Bonpland, & Kunth) I.M. Johnston
recurvata Coville [Sivinski 1993; Sivinski 1998]
 curved cat's-eye
setosissima (Gray) Payson [Sivinski 1998]
 bristly cat's-eye
thyrsiflora (Greene) Payson [M&H; Sivinski 1998]
 limestone cat's-eye
Oreocarya hispidissima (Torrey) Rydberg
Oreocarya thyrsiflora Greene
Oreocarya urticacea Wooton & Standley
Cynoglossum hound's-tongue
***officinale** Linnaeus [M&H; W&S]
 hound's-tongue
Echinosperrum floribundum Lehmann = *Hackelia floribunda* (Lehmann) I.M. Johnston
ursinum Greene ex Gray = *Hackelia ursina* (Greene ex Gray) I.M. Johnston var. *ursina*
Echium bugloss
***vulgare** Linnaeus [M&H]
 viper's bugloss
Eddya gossypina Wooton & Standley = *Tiquilia gossypina* (Wooton & Standley) A. Richardson
hispidissima Torrey = *Tiquilia hispidissima* (Torrey) A. Richardson
Eremocarya micrantha (Torrey) Greene = *Cryptantha micrantha* (Torrey) I.M. Johnston
Eritrichium alpine forget-me-not
angustifolium Torrey = *Cryptantha angustifolia* (Torrey) Greene
aretioides (Chamisso) A.P. de Candolle var. *elongatum* Rydberg = *Eritrichium nanum* (Villars) Schrader ex Gaudin var. *elongatum*
 (Rydberg) Cronquist
barbigera Gray = *Cryptantha barbigera* (Gray) Greene
canescens Gray var. *arizonicum* Gray = *Plagiobothrys arizonicus* (Gray) Greene ex Gray
crassiseptum Torrey & Gray = *Cryptantha crassiseptala* (Torrey & Gray) Greene var. *crassiseptala*
elongatum (Rydberg) W.F. Wright = *Eritrichium nanum* (Villars) Schrader ex Gaudin var. *elongatum* (Rydberg) Cronquist

jamesii Torrey [nom. illegit.] = *Cryptantha cinerea* (Greene) Cronquist var. *jamesii* Cronquist
micranthum Torrey = *Cryptantha micrantha* (Torrey) I.M. Johnston
multicaule Torrey = *Cryptantha cinerea* (Greene) Cronquist var. *cinerea*
nanum (Villars) Schrader ex Gaudin var. ***elongatum*** (Rydberg) Cronquist [M&H; W&S]
 alpine forget-me-not
 Eritrichium aretioides (Chamisso) A.P. de Candolle var. *elongatum* Rydberg
 Eritrichium elongatum (Rydberg) W.F. Wright
pterocaryum Torrey = *Cryptantha pterocarya* (Torrey) Greene var. *pterocarya*
pusillum Torrey & Gray = *Cryptantha pusilla* (Torrey & Gray) Greene
Euploca convolvulacea Nuttall = *Heliotropium convolvulaceum* (Nuttall) Gray
 grandiflora Torrey = *Heliotropium convolvulaceum* (Nuttall) Gray

Hackelia stickseed
 Gentry, J.L. & R.L. Carrier 1976. a revision of *Hackelia* (Boraginaceae) in North America, north of Mexico. Mem. New York Bot. Gard. 26(1):121-227.
 Sivinski, R., T. Lowrey, and C. Keller. 1995[1996]. Additions to the floras of Colorado and New Mexico. Phytologia 79(5):319-324. [*Hackelia ursina* var. *pustulosa*]
besseyi (Rydberg) J.L. Gentry [M&H; W&S]
 Bessey's stickseed
 Hackelia grisea (Wooton & Standley) I.M. Johnston
 Lappula grisea Wooton & Standley
floribunda (Lehmann) I.M. Johnston [M&H; W&S]
 many-flowered stickseed
 Echinosperrum floribundum Lehmann
 Lappula floribunda (Lehmann) Greene
grisea (Wooton & Standley) I.M. Johnston = *Hackelia besseyi* (Rydberg) J.L. Gentry
+*hirsuta* (Wooton & Standley) I.M. Johnston [M&H; W&S]
 New Mexico stickseed
 Lappula hirsuta Wooton & Standley
pinetorum (Greene ex Gray) I.M. Johnston var. ***jonesii*** J.L. Gentry [Gentry 1974; Higgins 1979; M&H]
 Jones's stickseed
pinetorum (Greene ex Gray) I.M. Johnston var. ***pinetorum*** [Gentry 1974; M&H; W&S]
 Livermore stickseed
 Lappula pinetorum Greene
ursina (Greene ex Gray) I.M. Johnston var. ***pustulosa*** (Macbride) J.L. Gentry [Sivinski et al. 1995]
 Chihuahuan stickseed
ursina (Greene ex Gray) I.M. Johnston var. ***ursina*** [Gentry 1974; M&H; W&S]
 Chihuahuan stickseed
 Echinosperrum ursinum Greene
 Lappula leucantha Greene
 Lappula ursina Greene

Heliotropium heliotrope
 Sivinski, R., T. Lowrey and R. Peterson. 1994. Additions to the native and adventive flora of New Mexico. Phytologia 76(6):473-479. [*Heliotropium fruticosum*]
convolvulaceum (Nuttall) Gray [M&H; W&S]
 trumpet heliotrope
 Euploca convolvulacea Nuttall
 Euploca grandiflora Torrey
curassavicum Linnaeus var. ***curassavicum*** [M&H; W&S]
 seaside heliotrope
 Heliotropium xerophilum Cockerell
curassavicum Linnaeus var. ***obovatum*** A.P. de Candolle [Higgins 1979; M&H]
 seaside heliotrope
 Heliotropium spathulatum Rydberg
fruticosum Linnaeus [Sivinski et al. 1994]
 Key West heliotrope
greggii Torrey [M&H; W&S]
 fragrant heliotrope
 spathulatum Rydberg = *Heliotropium curassavicum* Linnaeus var. *obovatum* A.P. de Candolle
 xerophilum Cockerell = *Heliotropium curassavicum* Linnaeus var. *curassavicum*

Krynitzkia angustifolia (Torrey) Gray = *Cryptantha angustifolia* (Torrey) Greene
crassisejala (Torrey & Gray) Gray = *Cryptantha crassisejala* (Torrey & Gray) Greene var. *crassisejala*
cycloptera Greene = *Cryptantha pterocarya* (Torrey) Greene var. *cycloptera* (Greene) Macbride
fendleri Gray = *Cryptantha fendleri* (Gray) Greene
jamesii (Torrey) Gray = *Cryptantha cinerea* (Greene) Cronquist var. *jamesii* Cronquist
multicaulis Torrey var. *setosa* M.E. Jones = *Cryptantha cinerea* (Greene) Cronquist var. *cinerea*
oblata M.E. Jones = *Cryptantha oblata* (M.E. Jones) Payson
palmeri Gray = *Cryptantha palmeri* (Gray) Payson
pterocarya (Torrey) Gray = *Cryptantha pterocarya* (Torrey) Greene var. *pterocarya*
pusilla (Torrey & Gray) Gray = *Cryptantha pusilla* (Torrey & Gray) Greene

Lappula sheepbur

Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Lappula squarrosa*]

occidentalis (S. Watson) Greene var. **cupulata** (Gray) Higgins [M&H; W&S]

spiny sheepbur

Lappula texana (Scheele) Britton var. *texana*

Lappula texana (Scheele) Britton var. *coronata* (Greene) A. Nelson & Macbride

occidentalis (S. Watson) Greene var. **occidentalis** [M&H; W&S]

spiny sheepbur

Lappula leucotricha Rydberg

Lappula redowskii (Hornemann) Greene

Lappula redowskii (Hornemann) Greene var. *desertorum* (Greene) I.M. Johnston

echinata Gilibert = *Lappula squarrosa* (Retzius) Dumortier

floribunda (Lehmann) Greene = *Hackelia floribunda* (Lehmann) I.M. Johnston

grisea Wooton & Standley = *Hackelia grisea* (Wooton & Standley) I.M. Johnston

hirsuta Wooton & Standley = *Hackelia hirsuta* (Wooton & Standley) I.M. Johnston

leucantha Greene = *Hackelia ursina* (Greene) I.M. Johnston

leucotricha Rydberg = *Lappula occidentalis* (S. Watson) Greene var. *occidentalis*

pinetorum Greene = *Hackelia pinetorum* (Greene) I.M. Johnston

redowskii (Hornemann) Greene = *Lappula occidentalis* (S. Watson) Greene var. *occidentalis*

redowskii (Hornemann) Greene var. *desertorum* (Greene) I.M. Johnston = *Lappula occidentalis* (S. Watson) Greene var. *occidentalis*

***squarrosa** (Retzius) Dumortier [Allred 1999]

bristly sheepbur

Lappula echinata Gilibert

texana (Scheele) Britton var. *texana* = *Lappula occidentalis* (S. Watson) Greene var. *cupulata* (Gray) Higgins

texana (Scheele) Britton var. *coronata* (Greene) A. Nelson & Macbride = *Lappula occidentalis* (S. Watson) Greene var. *cupulata* (Gray) Higgins

ursina Greene = *Hackelia ursina* (Greene) I.M. Johnston

Lithospermum gromwell

angustifolium Michaux = *Lithospermum incisum* Lehmann

caroliniense (Walter) MacMillan : Reported as expected by M&H; awaits verification.

cobrense Greene [M&H; W&S]

Cobre gromwell

confine I.M. Johnston [Higgins 1979]

Arizona gromwell

incisum Lehmann [M&H; W&S]

fringed gromwell

Lithospermum angustifolium Michaux

Lithospermum linearifolium Goldie

Lithospermum oblongum Greene

linearifolium Goldie = *Lithospermum incisum* Lehmann

multiflorum Torrey ex Gray [M&H; W&S]

purple gromwell

oblongum Greene = *Lithospermum incisum* Lehmann

parksii I.M. Johnston. [M&H]

Parks's gromwell

viride Greene [M&H; W&S]

green gromwell

Macromeria giant trumpets

Boyd, A. 2002. Morphological analysis of Sky Island populations of *Macromeria viridiflora* (Boraginaceae). Syst. Bot. 27(1):116-126.

Turner, B.L. 1994. Synoptical study of the genus *Macromeria* (Boraginaceae). Phytologia 77(5):393-407.

thurberi (Gray) Mackenzie = *Macromeria viridiflora* A.P. de Candolle var. *thurberi* (Gray) I.M. Johnston

viridiflora A.P. de Candolle var. **thurberi** (Gray) I.M. Johnston [M&H; Turner 1994; W&S]

Thurber's giant trumpets

Macromeria thurberi (Gray) Mackenzie

Onosmodium thurberi Gray

viridiflora A.P. de Candolle var. **viridiflora** [Turner 1994]

giant trumpets

Mertensia bluebells

Heil, K. 2006. Plant distribution reports. The New Mexico Botanist 35:3. [Mertensia fusiformis, M. lanceolata coriacea]

Williams, L.O. 1937. A monograph of the genus *Mertensia* in North America. Ann. Missouri Bot. Gard. 24:17-159.

alba Rydberg = *Mertensia franciscana* Heller

alpina (Torrey) G. Don [M&H]

alpine bluebells

amoena A. Nelson = *Mertensia lanceolata* (Pursh) A.P. de Candolle var. *nivalis* (S. Watson) Higgins

amplifolia Wooton & Standley = *Mertensia lanceolata* (Pursh) A.P. de Candolle var. *nivalis* (S. Watson) Higgins

bakeri Greene = *Mertensia lanceolata* (Pursh) A.P. de Candolle var. *nivalis* (S. Watson) Higgins

caelestina A. Nelson & Cockerell = *Mertensia lanceolata* (Pursh) A.P. de Candolle var. *nivalis* (S. Watson) Higgins

ciliata (James ex Torrey) G. Don [M&H]

fringed bluebells

cynoglossoides Greene = *Mertensia lanceolata* (Pursh) A.P. de Candolle var. *nivalis* (S. Watson) Higgins

fendleri Gray = *Mertensia lanceolata* (Pursh) A.P. de Candolle var. *nivalis* (S. Watson) Higgins

fendleri Gray var. *pubens* Macbride = *Mertensia lanceolata* (Pursh) A.P. de Candolle var. *nivalis* (S. Watson) Higgins

franciscana Heller [M&H; W&S]

San Francisco bluebells

Mertensia alba Rydberg

Mertensia grandis Wooton & Standley

Mertensia pratensis Heller

fusififormis E.L. Greene [Heil 2006]

New Mexico bluebells

grandis Wooton & Standley = *Mertensia franciscana* Heller

lanceolata (Pursh) A.P. de Candolle var. *fendleri* Gray = *Mertensia lanceolata* (Pursh) A.P. de Candolle var. *nivalis* (S. Watson) Higgins

lanceolata (Pursh) A.P. de Candolle var. **coriacea** (A. Nelson) Higgins & Welsh [Heil 2006]

prairie bluebells

lanceolata (Pursh) A.P. de Candolle var. **lanceolata** [M&H; W&S]

prairie bluebells

lanceolata (Pursh) A.P. de Candolle var. **nivalis** (S. Watson) Higgins [M&H; W&S]

prairie bluebells

Mertensia amplifolia Wooton & Standley

Mertensia amoena A. Nelson

Mertensia bakeri Greene

Mertensia caelestina A. Nelson & Cockerell

Mertensia cynoglossoides Greene

Mertensia fendleri Gray

Mertensia fendleri Gray var. *pubens* Macbride

Mertensia lanceolata (Pursh) A.P. de Candolle var. *fendleri* Gray

Mertensia lanceolata (Pursh) A.P. de Candolle var. *pubens* Williams

Mertensia lateriflora Greene

Mertensia paniculata (Aiton) G. Don var. *nivalis* S. Watson

Mertensia viridis A. Nelson

Mertensia viridis A. Nelson var. *caelestina* (A. Nelson & Cockerell) Williams

lanceolata (Pursh) A.P. de Candolle var. *pubens* Williams = *Mertensia lanceolata* (Pursh) A.P. de Candolle var. *nivalis* (S. Watson) Higgins

lateriflora Greene = *Mertensia lanceolata* (Pursh) A.P. de Candolle var. *nivalis* (S. Watson) Higgins

paniculata (Aiton) G. Don var. *nivalis* S. Watson = *Mertensia lanceolata* (Pursh) A.P. de Candolle var. *nivalis* (S. Watson) Higgins

pratensis Heller = *Mertensia franciscana* Heller

viridis A. Nelson = *Mertensia lanceolata* (Pursh) A.P. de Candolle var. *nivalis* (S. Watson) Higgins

viridis A. Nelson var. *caelestina* (A. Nelson & Cockerell) L.O. Williams = *Mertensia lanceolata* (Pursh) A.P. de Candolle var. *nivalis* (S. Watson) Higgins

Myosotis forget-me-not

Hutchins, C.R. 1974. A flora of the White Mountains area, southern Lincoln and northern Otero counties, New Mexico. Privately published. [*Myosotis scorpioides*]

albida Humboldt, Bonpland, & Kunth = *Cryptantha albida* (Humboldt, Bonpland, & Kunth) I.M. Johnston

palustris Lamarck = *Myosotis scorpioides* Linnaeus

***scorpioides** Linnaeus [Hutchins 1974; M&H]

forget-me-not

Myosotis palustris Lamarck

suffruticosa Torrey = *Cryptantha cinerea* (Greene) Cronquist var. *jamesii* Cronquist

Onosmodium marble-seed

Turner, B.L. 1995. Synopsis of the genus *Onosmodium* (Boraginaceae). *Phytologia* 78:39-60.

bejariense A.P. de Candolle var. **occidentale** (Mackenzie) B.L. Turner [M&H; Turner 1995; W&S]

marble-seed

Onosmodium molle Michaux var. *occidentale* (Mackenzie) I.M. Johnston

Onosmodium occidentale Mackenzie

molle Michaux var. *occidentale* (Mackenzie) I.M. Johnston = *Onosmodium bejariense* A.A.P. de Candolle var. *occidentale* (Mackenzie) B.L. Turner

occidentale Mackenzie = *Onosmodium bejariense* A.A.P. de Candolle var. *occidentale* (Mackenzie) I.M. Johnston

thurberi Gray = *Macromeria viridiflora* A.P. de Candolle var. *thurberi* (Gray) I.M. Johnston

Oreocarya bakeri Greene = *Cryptantha bakeri* (Greene) Payson

flava A. Nelson = *Cryptantha flava* (A. Nelson) Payson

fulvocanescens (S. Watson) Greene = *Cryptantha fulvocanescens* (S. Watson) Payson

hispidissima (Torrey) Rydberg = *Cryptantha thyrsoflora* (Greene) Payson

hispidissima sensu W&S = *Cryptantha oblata* (M.E. Jones) Payson

lutescens Greene = *Cryptantha flava* (A. Nelson) Payson

multicaulis (Torrey) Greene = *Cryptantha cinerea* (Greene) Cronquist var. *cinerea*

multicaulis (Torrey) Greene var. *laxa* Macbride = *Cryptantha cinerea* (Greene) Cronquist var. *laxa* (Macbride) Higgins

oblata (M.E. Jones) Macbride = *Cryptantha oblata* (M.E. Jones) Payson

palmeri (Gray) Greene = *Cryptantha palmeri* (Gray) Payson

paradoxa A. Nelson = *Cryptantha paradoxa* (A. Nelson) Payson
pustulosa Rydberg = *Cryptantha cinerea* (Greene) Cronquist var. *pustulosa* (Rydberg) Higgins
suffruticosa (Torrey) Greene = *Cryptantha cinerea* (Greene) Cronquist var. *jamesii* Cronquist
suffruticosa (Torrey) Greene var. *multicaulis* (Torrey) Payson = *Cryptantha cinerea* (Greene) Cronquist var. *cinerea*
thyrsiflora Greene = *Cryptantha thyrsiflora* (Greene) Payson
urticacea Wooton & Standley = *Cryptantha thyrsiflora* (Greene) Payson

Pectocarya combseed

Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Pectocarya heterocarpa*]
 Cronquist, A. 1984. Boraginaceae, pp. 207-293. IN: Intermountain Flora, vol. 4. New York Botanical Garden. [*Pectocarya setosa*]

heterocarpa I.M. Johnston. [Allred 1999]

chuckwalla combseed

platycarpa (Munz & I.M. Johnston) Munz & I.M. Johnston [Higgins 1979; M&H]

broad-fruit combseed

recurvata I.M. Johnston [Higgins 1979; M&H]

curved combseed

setosa A. Gray [Cronquist 1984]

bristly combseed

Plagiobothrys popcorn-flower

arizonicus (Gray) Greene ex Gray [Higgins 1979; W&S]

Arizona popcorn-flower

Eritrichium canescens Gray var. *arizonicum* Gray

scopulorum (Greene) I.M. Johnston = *Plagiobothrys scouleri* (Hooker & Arnott) I.M. Johnston var. *hispidulus* (Greene) Dorn

scouleri (Hooker & Arnott) I.M. Johnston var. **hispidulus** (Greene) Dorn [Higgins 1979; M&H]

Scouler's popcorn-flower

Allocarya scopulorum Greene

Plagiobothrys scopulorum (Greene) I.M. Johnston

Plagiobothrys scouleri (Hooker & Arnott) I.M. Johnston var. *penicillatus* (Greene) Cronquist

scouleri (Hooker & Arnott) I.M. Johnston var. *penicillatus* (Greene) Cronquist = *Plagiobothrys scouleri* (Hooker & Arnott) I.M. Johnston

var. *hispidulus* (Greene) Dorn

Ptilocalyx greggii Torrey = *Tiquilia greggii* (Torrey) A. Richardson

Stegnocarpus canescens (A.P. de Candolle) Torrey = *Tiquilia canescens* (A.P. de Candolle) A. Richardson var. *canescens*

Symphytum comfrey

Sivinski, R. 1999. Plant distribution records. The New Mexico Botanist 12:8. [*Symphytum officinale*]

***officinale** Linnaeus [Sivinski 1999]

comfrey

Tiquilia crinklemat

Richardson, A.T. 1977. Monograph of the genus *Tiquilia* (*Coldenia*, sensu lato), Boraginaceae: Ehretioideae. *Rhodora* 79(820):467-572.

canescens (A.P. de Candolle) A. Richardson var. **canescens** [M&H; Richardson 1977; W&S]

wooly crinklemat

Coldenia canescens A.P. de Candolle

Stegnocarpus canescens (A.P. de Candolle) Torrey

gossypina (Wooton & Standley) A. Richardson [M&H; Richardson 1977; W&S]

Texas crinklemat

Coldenia gossypina (Wooton & Standley) I.M. Johnston

Eddya gossypina Wooton & Standley

greggii (Torrey) A. Richardson [M&H; Richardson 1977; W&S]

plumed crinklemat

Coldenia greggii (Torrey) Gray

Ptilocalyx greggii Torrey

hispidissima (Torrey) A. Richardson [M&H; Richardson 1977; W&S]

hairy crinklemat

Coldenia hispidissima (Torrey) Gray

Eddya hispidissima Torrey

latior (I.M. Johnston) A. Richardson : M&H surmised that this species was common in NM, but Richardson (1977) showed its distribution to the west and did not find it in the state; awaits verification.

Family BRASSICACEAE (CRUCIFERAE)

Rollins, R.C. 1993. The Cruciferae of Continental North America: Systematics of the Mustard Family from the Arctic to Panama. Stanford University Press, Stanford, California. pp. 1-976.

Alyssum alyssum

Sivinski, R., T. Lowrey and R. Peterson. 1994. Additions to the native and adventive flora of New Mexico. *Phytologia* 76(6):473-479. [*Alyssum desertorum*]

Spellenberg, R., R. Worthington, P. Knight, and R. Fletcher. 1986. Additions to the flora of New Mexico. *Sida* 11(4):455-470. [*Alyssum minus*]

**alyssoides* (Linnaeus) Linnaeus : Reported by Kartesz (1999) without documentation; awaits verification.

***desertorum** Stapf [Sivinski et al. 1994]

desert alyssum

***minus** (Linnaeus) Rothmaler var. **micranthium** (C.A. Meyer) Dudley [Spellenberg et al. 1986]

European alyssum

Arabis rock-cress

Al-Shehbaz, I.A. 2003. Transfer of most North American species of *Arabis* to *Boechea* (Brassicaceae). *Novon* 13:381-391.
angulata Greene ex Wooton & Standley = *Boechea perennans* (S. Watson) W.A. Weber
consanguinea Greene = *Boechea holboellii* (Hornemann) A. & D. Löve
divaricarpa A. Nelson = *Boechea divaricarpa* (A. Nelson) A. & D. Löve
drummondii Gray = *Boechea stricta* (Graham) Al-Shehbaz
eremophila Greene = *Boechea perennans* (S. Watson) W.A. Weber
fendleri (S. Watson) Greene var. *fendleri* = *Boechea fendleri* (S. Watson) W.A. Weber
fendleri (S. Watson) Greene var. *spatifolia* (Rydberg) Rollins = *Boechea fendleri* (S. Watson) W.A. Weber
formosa Greene = *Boechea pulchra* (M.E. Jones ex S. Watson) W.A. Weber
glabra (Linnaeus) Bernhardt = *Turritis glabra* Linnaeus
gracilentata Greene = *Boechea fendleri* (S. Watson) W.A. Weber
hirsuta (Linnaeus) Scopoli var. ***pyncocarpa*** (Hopkins) Rollins [M&H; W&S]

hairy rock-cress

Arabis ovata (Pursh) Poiret

holboellii Hornemann var. *retrofracta* (Graham) Rydberg = *Boechea holboellii* (Hornemann) A. & D. Löve
lignifera A. Nelson = *Boechea lignifera* (A. Nelson) W.A. Weber
longirostris S. Watson = *Streptanthella longirostris* (S. Watson) Rydberg
ovata (Pursh) Poiret = *Arabis hirsuta* (Linnaeus) Scopoli var. *pyncocarpa* (Hopkins) Rollins
oxyphylla Greene = *Boechea stricta* (Graham) Al-Shehbaz
perennans S. Watson = *Boechea perennans* (S. Watson) W.A. Weber
porphyrea Wooton & Standley = "*Boechea porphyrea*" ined.
pulchra M.E. Jones ex S. Watson var. *pallens* M.E. Jones = *Boechea pulchra* (M.E. Jones ex S. Watson) W.A. Weber
retrofracta Graham = *Boechea holboellii* (Hornemann) A. & D. Löve
selbyi Rydberg = *Boechea selbyi* (Rydberg) W.A. Weber
spatifolia = *Boechea fendleri* (S. Watson) W.A. Weber

Barbarea yellow-rocket

Hartman, R.L. 1973. New plant records for New Mexico. *Southwestern Naturalist* 18(2):241-242. [*Barbarea vulgaris*]

orthoceras Ledebour [M&H]

American yellow-rocket

verna (Miller) Ascherson : Reported as expected by M&H; awaits verification.

****vulgaris*** R. Brown [Hartman 1973; M&H]

garden yellow-rocket

Berteroa madwort

Sivinski, R., T. Lowrey, and C. Keller. 1995. Additions to the floras of Colorado and New Mexico. *Phytologia* 79(5):319-324. [*Berteroa incana*]

****incana*** (Linnaeus) A.P. de Candolle [Sivinski et al. 1995]

hoary madwort

Boechea rock-cress

Al-Shehbaz, I.A. 2003. Transfer of most North American species of *Arabis* to *Boechea* (Brassicaceae). *Novon* 13:381-391.
Windham, M.D. & I.A. Al-Shehbaz. 2006. New and noteworthy species of *Boechea* (Brassicaceae) I: Sexual diploids. *Harvard Papers in Botany* 11(1):61-88.
Windham, M.D. & I.A. Al-Shehbaz. 2007. New and noteworthy species of *Boechea* (Brassicaceae) II: Apomictic hybrids. *Harvard Papers in Botany* 11(2):257-274.

divaricarpa (A. Nelson) A. & D. Löve : Reported by M&H, but our plants are referable to un-named hybrids between *Boechea stricta* (Graham) Al-Shehbaz × *Boechea fendleri* (S. Watson) W.A. Weber [Patrick Alexander, pers. comm., 2007]

Arabis divaricarpa A. Nelson

drummondii (Gray) A. & D. Löve = *Boechea stricta* (Graham) Al-Shehbaz

fendleri (S. Watson) W.A. Weber [M&H; W&S]

Fendler's rock-cress

Arabis fendleri (S. Watson) Greene

Arabis fendleri (S. Watson) Greene var. *spatifolia* (Rydberg) Rollins

Arabis gracilentata Greene

Arabis spatifolia Rydberg

Arabis fendleri (S. Watson) W.A. Weber var. *spatifolia* (Rydberg) W.A. Weber

holboellii (Hornemann) A. & D. Löve [M&H; W&S]

Holboell's rock-cress

Arabis consanguinea Greene

Arabis holboellii Hornemann var. *retrofracta* (Graham) Rydberg

Arabis retrofracta Graham

lignifera (A. Nelson) W.A. Weber [M&H]

Owen's Valley rock-cress

Arabis lignifera A. Nelson

perennans (S. Watson) W.A. Weber [M&H; W&S]

perennial rock-cress

Arabis angulata Greene ex Wooton & Standley

Arabis eremophila Greene

Arabis perennans S. Watson

porphyrea (Wooton & Standley) Windham & Al-Shehbaz [M&H; W&S]

Wooton's rock-cress

- Arabis porphyrea* Wooton & Standley
pulchra (M.E. Jones ex S. Watson) W.A. Weber s.s. : Our material of this complex is referable to the segregate species *Boecheera formosa*
Greene [Windham & Shebazz 2006].
- formosa** Greene [M&H; Rollins 1993; W&S]
desert rock-cress
Arabis pulchra M.E. Jones ex S. Watson var. *pallens* M.E. Jones
- pallidifolia** (Rollins) W.A. Weber [Windham & Al-Shebazz 2006]
pale rock-cress
selbyi (Rydberg) W.A. Weber s.s. : Reported by Rollins (1993), but our plants are segregated as *Boecheera pallidifolia* (Rollins) W.A.
Weber [Windham & Al-Shebazz 2006].
- Arabis selbyi* Rydberg
- spatifolia** (Rydberg) Windham & Al-Shebazz [Windham & Al-Shebazz 2006]
leather-leaf rock-cress
- stricta** (Graham) Al-Shebazz [M&H; W&S]
Canadian rock-cress
Arabis drummondii Gray
Arabis oxyphylla Greene
Boecheera drummondii (Gray) A. & D. Löve
- texana** Windham & Al-Shebazz [Windham & Al-Shebazz 2006]
Texas rock-cress
- villosa** Windham & Al-Shebazz [Windham & Al-Shebazz 2006]
Gorge rock-cress
- Brassica** mustard
- Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Brassica napus*]
Huff, C. 1996. New plant distribution records. The New Mexico Botanist 3:6. [*Brassica rapa*]
McIntosh, L. 1996. Seven additions to the flora of New Mexico. Phytologia 81(5):365-368. [*Brassica tournefortii*]
- alba* (Linnaeus) Boissier = *Sinapis alba* Linnaeus
arvensis (Linnaeus) Britton, Sterns, & Poggenburg = *Sinapis arvensis* Linnaeus
campestris Linnaeus = *Brassica rapa* Linnaeus
hirta Moench = *Sinapis alba* Linnaeus
- *juncea** (Linnaeus) Cosson [M&H; W&S]
Chinese mustard
Sinapis juncea Linnaeus
- kaber* (A.P. de Candolle) L.C. Wheeler = *Sinapis arvensis* Linnaeus
- *napus** Linnaeus [Allred 1999]
turnip
nigra (Linnaeus) Koch : Reported as expected by M&H map; awaits verification.
orientalis Linnaeus = *Conringia orientalis* (Linnaeus) Dumort
- *rapa** Linnaeus [Huff 1996; M&H]
rape
Brassica campestris Linnaeus
- *tournefortii** Gouan [McIntosh 1996]
Asian mustard
- Bursa bursa-pastoris* (Linnaeus) Webber = *Capsella bursa-pastoris* (Linnaeus) Medikus
- Camelina** false-flax
- *microcarpa** Andrzejowski [M&H; W&S]
little false-flax
- *sativa** (Linnaeus) Crantz [M&H]
gold-of-pleasure, field false-flax
- Capsella** shepherd's purse
- *bursa-pastoris** (Linnaeus) Medikus [M&H; W&S]
shepherd's purse
Bursa bursa-pastoris (Linnaeus) Webber
- Cardamine** bitter-cress
- Forbes, A. 1998. New plant distribution records. The New Mexico Botanist 8:10. [*C. hirsuta*]
Hartman, R.L., B. Reif, B.E. Nelson, & B. Jacobs. 2006. New vascular plant records for New Mexico. Sida 22(2):1225-1233. [*C. cordifolia incana*]
Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4. [*C. pennsylvanica*]
- cordifolia** Gray var. *cordifolia* [M&H; W&S]
mountain bitter-cress
- cordifolia** Gray var. *incana* Gray ex M.E. Jones [Hartman et al. 2006]
mountain bitter-cress
- *hirsuta** Linnaeus [Forbes 1998]
hairy bitter-cress
- pennsylvanica** Muhlenberg ex Willdenow [Heil et al. 2002]
Quaker bitter-cress

Cardaria chalepensis (Linnaeus) Handel-Mazzetti = *Lepidium chalepense* Linnaeus
draba (Linnaeus) Desvaux = *Lepidium draba* Linnaeus
pubescens (C.A. Meyer) Jarmolenko = *Lepidium appelianum* Al-Shehbaz

Caulanthus western-cabbage
 Spellenberg, R., L. McIntosh, and L. Brouillet. 1993. New records of angiosperms from southern New Mexico. *Phytologia* 75:224-230. [*Caulanthus lasiophyllus*]
lasiophyllus (Hooker & Arnott) Payson [Spellenberg et al. 1993]
 western-cabbage

Cheiranthus aridus Greene = *Erysimum capitatum* (Douglas ex Hooker) Greene var. *purshii* (Durand) Rollins
Cheirinia arida Greene = *Erysimum capitatum* (Douglas ex Hooker) Greene var. *purshii* (Durand) Rollins
aspera (Nuttall) Rydberg = *Erysimum asperum* (Nuttall) A.P. de Candolle
asperrima (Greene) Rydberg = *Erysimum capitatum* (Douglas ex Hooker) Greene var. *purshii* (Durand) Rollins
bakeri (Greene) Rydberg = *Erysimum capitatum* (Douglas ex Hooker) Greene var. *purshii* (Durand) Rollins
desertorum Wooton & Standley = *Erysimum capitatum* (Douglas ex Hooker) Greene var. *purshii* (Durand) Rollins
elata (Nuttall) Rydberg = *Erysimum capitatum* (Douglas ex Hooker) Greene var. *capitatum*
inconspicua (S. Watson) Rydberg = *Erysimum inconspicuum* (S. Watson) MacMillan
wheeleri (Rothrock) Rydberg = *Erysimum capitatum* (Douglas) Greene var. *capitatum*

Chorispora crossflower
 ****tenella*** (Pallas) A.P. de Candolle [M&H; Marley & Wagner 1981]
 crossflower
Raphanus tenella Pallas

Conringia hare's-ear-mustard

****orientalis*** (Linnaeus) Dumort [M&H; W&S]
 hare's-ear-mustard
Brassica orientalis Linnaeus

Coronopus didymus (Linnaeus) I.E. Smith = *Lepidium didymum* Linnaeus

Descurainia tansy-mustard
andrenarum (Cockerell) Shinnars = *Descurainia pinnata* (Walter) Britton subsp. *halictorum* (Cockerell) Detling
californica (Gray) O. E. Schulz [M&H]
 Sierran tansy-mustard
incana (Bernhardi ex Fischer & Meyer) Dorn [M&H; W&S]
 mountain tansy-mustard
Descurainia richardsonii (Sweet) O.E. Schulz subsp. *procera* (Greene) Detling
Sophia procera Greene
incisa (Engelmann ex A. Gray) Britton subsp. ***filipes*** (A. Gray) Rollins [Rollins 1993]
 tansy-mustard
incisa (Engelmann ex A. Gray) Britton subsp. ***incisa*** [M&H; Rollins 1993; W&S]
 tansy-mustard
Descurainia richardsonii (Sweet) O.E. Schulz subsp. *incisa* (Engelmann ex A. Gray) Detling
Sophia incisa (Engelmann ex A. Gray) Greene
Sophia serrata Greene
incisa (Engelmann ex A. Gray) Britton subsp. ***paysonii*** (Detling) Rollins [M&H] Note: The range given by Rollins (1993) seems to question the occurrence of this taxon in NM.
 tansy-mustard
Descurainia pinnata (Walter) Britton subsp. *paysonii* Detling
incisa (Engelmann ex A. Gray) Britton subsp. ***viscosa*** (Rydberg) Rollins [M&H]
 tansy-mustard
Descurainia richardsonii (Sweet) O.E. Schulz subsp. *viscosa* (Rydberg) Detling
Sophia viscosa Rydberg
intermedia (Rydberg) Daniels = *Descurainia pinnata* (Walter) Britton var. *intermedia* (Rydberg) C.L. Hitchcock
obtusa (Greene) O.E. Schultz subsp. ***adenophora*** (Wooton & Standley) Detling [M&H; W&S]
 blunt tansy-mustard
Sophia adenophora Wooton & Standley
obtusa (Greene) O.E. Schultz subsp. *brevisiliqua* Detling = *Descurainia obtusa* (Greene) O. E. Schultz subsp. *obtusa*
obtusa (Greene) O. E. Schultz subsp. ***obtusa*** [M&H; W&S]
 blunt tansy-mustard
Descurainia obtusa (Greene) O.E. Schultz subsp. *brevisiliqua* Detling
Sophia obtusa Greene

pinnata (Walter) Britton subsp. ***brachycarpa*** (Richardson) Detling [M&H]
 western tansy-mustard
Sisymbrium brachycarpum Richardson

pinnata (Walter) Britton subsp. ***glabra*** (Wooton & Standley) Detling [M&H; W&S]
 western tansy-mustard
Sophia glabra Wooton & Standley

pinnata (Walter) Britton subsp. ***halictorum*** (Cockerell) Detling [M&H; W&S]
 western tansy-mustard

- Descurainia andrenarum* (Cockerell) Cory
Descurainia andrenarum (Cockerell) Cory var. *osmiarum* (Cockerell) O.E. Schulz
Descurainia pinnata (Walter) Britton var. *osmiarum* (Cockerell) Shinnars
Sophia halictorum Cockerell
- pinnata*** (Walter) Britton subsp. ***intermedia*** (Rydberg) C.L. Hitchcock [Heil et al. 2002]
 western tansy-mustard
Descurainia intermedia (Rydberg) Daniels
- pinnata*** (Walter) Britton subsp. ***ochroleuca*** (Wooton) Detling [M&H; W&S]
 western tansy-mustard
Sophia ochroleuca Wooton
- pinnata* (Walter) Britton var. *osmiarum* (Cockerell) Shinnars = *Descurainia pinnata* (Walter) Britton subsp. *halictorum* (Cockerell) Detling
pinnata (Walter) Britton subsp. *paysonii* Detling = *Descurainia incisa* (Engelmann ex A. Gray) Britton subsp. *paysonii* (Detling) Rollins
richardsonii (Sweet) O.E. Schulz subsp. *incisa* (Engelmann) Detling = *Descurainia incisa* (Engelmann ex A. Gray) Britton subsp. *incisa*
richardsonii (Sweet) O.E. Schulz subsp. *procera* (Greene) Detling = *Descurainia incana* (Bernhardi ex Fischer & Meyer) Dorn
richardsonii (Sweet) O.E. Schulz subsp. *viscosa* (Rydberg) Detling = *Descurainia incisa* (Engelmann ex A. Gray) Britton subsp. *viscosa*
 (Rydberg) Rollins
- ****sophia*** (Linnaeus) Webb ex Prantl [M&H]
 flixweed
- Dimorphocarpa*** spectacle-pod
 Rollins, R.C. 1979. *Dithyrea* and a related genus (Cruciferae). The Bussey Institute of Harvard University. pp. 1-32.
- candicans*** (Rafinesque) Rollins [Rollins 1979, 1993]
 Palmer's spectacle-pod
Dimorphocarpa palmeri (Payson) Rollins
palmeri (Payson) Rollins = *Dimorphocarpa candicans* (Rafinesque) Rollins
- wislizeni*** (Engelmann) Rollins [M&H; Rollins 1979, 1993; W&S]
 spectacle-pod, tourist plant
Dithyrea griffithsi Wooton & Standley
Dithyrea wislizeni Engelmann
Dithyrea wislizeni Engelmann var. *griffithsii* (Wooton & Standley) Payson
- Diplotaxis*** wallrocket
 Marley, G.A. & W.L. Wagner. 1981. Noteworthy collections (New Mexico). Madroño 28:41-43. [*D. muralis*]
- ****muralis*** (Linnaeus) A.P. de Candolle [Marley & Wagner 1981]
 annual wallrocket
- ****tenuifolia*** (Linnaeus) A.P. de Candolle [Spellenberg et al. 1986]
 perennial wallrocket
- Disaccanthus luteus* Greene = *Streptanthus carinatus* Wright ex Gray subsp. *arizonicus* (S. Watson) Kruckeberg, Rodman, & Worthington
mogollonicus Greene = *Streptanthus carinatus* Wright ex Gray subsp. *arizonicus* (S. Watson) Kruckeberg, Rodman, & Worthington
validus Greene = *Streptanthus carinatus* Wright ex Gray subsp. *carinatus*
- Dithyrea griffithsii* Wooton & Standley = *Dimorphocarpa wislizeni* (Engelmann) Rollins
wislizeni Engelmann = *Dimorphocarpa wislizeni* (Engelmann) Rollins
wislizeni Engelmann var. *griffithsii* (Wooton & Standley) Payson = *Dimorphocarpa wislizeni* (Engelmann) Rollins
- Draba*** Whitlow-grass
 Hartman, R.L., B. Reif, B.E. Nelson, & B. Jacobs. 2006. New vascular plant records for New Mexico. Sida 22(2):1225-1233. [*Draba grayana*]
 Peterson, R.S. 2000. New plant distribution records. The New Mexico Botanist 15:7. [*Draba spectabilis*]
- aurea*** Vahl ex Hornemann [M&H]
 golden Whitlow-grass
Draba aurea Vahl ex Hornemann var. *leiocarpa* (Payson & St. John) C.L. Hitchcock
Draba leiocarpa Payson & St. John
aurea Vahl ex Hornemann var. *leiocarpa* (Payson & St. John) C.L. Hitchcock = *Draba aurea* Vahl ex Hornemann
aurea Vahl var. *neomexicana* (Greene) Tidestrom = *Draba helleriana* Greene var. *helleriana*
brachycarpa Nuttall : Reported as expected by M&H; awaits verification.
breweri S. Watson var. *cana* (Rydberg) Rollins = *Draba cana* Rydberg
- cana*** Rydberg [M&H; W&S]
 cushion Whitlow-grass
Draba breweri S. Watson var. *cana* (Rydberg) Rollins
Draba lanceolata of North American authors, not Royle
coloradensis Rydberg = *Draba reptans* (Lamarck) Fernald
- crassifolia*** Graham [M&H]
 snowbed whitlow-grass
- cuneifolia*** Nuttall ex Torrey & Gray var. ***cuneifolia*** [M&H; W&S]
 wedgeleaf Whitlow-grass
cuneifolia Nuttall var. *platycarpa* (Torrey & Gray) S. Watson (= *Draba platycarpa* Torrey & Gray) : Reported as expected by M&H map;
 awaits verification.
gilgiana Wooton & Standley = *Draba standleyi* Macbride & Payson
- grayana*** (Rydberg) C.L. Hitchcock [Hartman et al. 2006]
- helleriana*** Greene var. ***blumeri*** C.L. Hitchcock [M&H]

Blumer's Whitlow-grass
Draba helleriana Greene var. *pinetorum* (Greene) O. E. Schulz
helleriana Greene var. ***helleriana*** [M&H; W&S]
Heller Whitlow-grass
Draba aurea Vahl var. *neomexicana* (Greene) Tidestrom
Draba neomexicana Greene
helleriana Greene var. ***patens*** (Heller) O.E. Schulz [M&H; W&S]
Heller Whitlow-grass
Draba pallida Heller
Draba patens Heller
helleriana Greene var. *pinetorum* (Greene) O. E. Schulz = *Draba helleriana* Greene var. *blumeri* C.L. Hitchcock
lanceolata of North American authors, not Royle = *Draba breweri* S. Watson var. *cana* (Rydberg) Rollins
leiocarpa Payson & St. John = *Draba aurea* Vahl ex Hornemann
micrantha Nuttall = *Draba reptans* (Lamarck) Fernald
+***mogollonica*** Greene [M&H; W&S]
Mogollon Whitlow-grass
montana S. Watson = *Draba rectifruca* C.L. Hitchcock
neomexicana Greene = *Draba helleriana* Greene var. *helleriana*
pallida Heller = *Draba helleriana* Greene var. *patens* (Heller) O.E. Schulz
patens Heller = *Draba helleriana* Greene var. *patens* (Heller) O. E. Schulz
petrophila Greene var. ***petrophila*** [M&H; W&S]
Santa Rita Whitlow-grass
rectifruca C.L. Hitchcock [M&H; W&S]
mountain Whitlow-grass
Draba montana S. Watson
reptans (Lamarck) Fernald [M&H; W&S]
Carolina Whitlow-grass
Draba coloradensis Rydberg
Draba micrantha Nuttall
reptans (Lamarck) Fernald forma *micrantha* (Nuttall) C.L. Hitchcock
reptans (Lamarck) Fernald forma *micrantha* (Nuttall) C.L. Hitchcock = *Draba reptans* (Lamarck) Fernald
spectabilis Greene [Peterson 2000]
showy Whitlow-grass
standleyi Macbride & Payson [M&H; W&S]
Standley's Whitlow-grass
Draba gilgiana Wooton & Standley
streptocarpa Gray [M&H; W&S]
pretty Whitlow-grass
Draba streptocarpa Gray var. *tonsa* (Wooton & Standley) O.E. Schulz
Draba tonsa Wooton & Standley
streptocarpa Gray var. *tonsa* (Wooton & Standley) O.E. Schulz = *Draba streptocarpa* Gray
tonsa Wooton & Standley = *Draba streptocarpa* Gray
Dryopetalon rock-mustard
runcinatum Gray [M&H; W&S]
rock-mustard
Eruca garden rocket
eruca (Linnaeus) Britton = *Eruca vesicaria* (Linnaeus) Cavanilles subsp. *sativa* (Miller) Thellung
sativa Miller = *Eruca vesicaria* (Linnaeus) Cavanilles subsp. *sativa* (Miller) Thellung
****vesicaria*** (Linnaeus) Cavanilles subsp. ***sativa*** (Miller) Thellung [M&H; W&S]
garden rocket
Eruca eruca (Linnaeus) Britton
Eruca sativa Miller
Erucastrum pollichii Schimper & Spenner [= *Erucastrum gallicum* (Willdenow) O.E. Schulz] : Reported by Campbell & Little (1935), but the identification is corrected to *Thelypodium wrightii* Gray.
Erysimum wallflower
Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4. [*E. cheiranthoides*]
asperrimum (Greene) Rydberg = *Erysimum captiatum* (Douglas ex Hooker) Greene var. *purshii* (Durand) Rollins
asperum (Nuttall) A.P. de Candolle [M&H; W&S]
plains wallflower
Cheirinia aspera (Nuttall) Rydberg
asperum (Nuttall) A.P. de Candolle var. *inconspicuum* S. Watson = *Erysimum inconspicuum* (S. Watson) MacMillan
bakeri Rydberg = *Erysimum captiatum* (Douglas ex Hooker) Greene var. *purshii* (Durand) Rollins
capitatum (Douglas ex Hooker) Greene var. ***capitatum*** [M&H; W&S]
wallflower
Cheirinia elata (Nuttall) Rydberg

Cheirinia wheeleri (Rothrock) Rydberg
Erysimum elatum Nuttall
Erysimum wheeleri Rothrock
capitatum (Douglas ex Hooker) Greene var. *purshii* (Durand) Rollins [M&H; W&S]
 Pursh's wallflower
Cheirinia arida Greene
Cheirinia asperrima (Greene) Rydberg
Cheirinia bakeri (Greene) Rydberg
Cheirinia desertorum Wooton & Standley
Erysimum asperrimum (Greene) Rydberg
Erysimum bakeri Rydberg
Erysimum desertorum (Wooton & Standley) Rossbach
 ***cheiranthoides** Linnaeus [Heil et al. 2002]
 worm-seed wallflower
desertorum (Wooton & Standley) Rossbach = *Erysimum capitatum* (Douglas ex Hooker) Greene var. *purshii* (Durand) Rollins
elatum Nuttall = *Erysimum capitatum* (Douglas ex Hooker) Greene var. *capitatum*
inconspicuum (S. Watson) MacMillan [M&H; W&S]
 wallflower
Cheirinia inconspicua (S. Watson) Rydberg
Erysimum asperum (Nuttall) A.P. de Candolle var. *inconspicuum* S. Watson
Erysimum parviflorum Nuttall
parviflorum Nuttall = *Erysimum inconspicuum* (S. Watson) MacMillan
 ***repandum** Linnaeus [M&H]
 spreading wallflower
wheeleri Rothrock = *Erysimum capitatum* (Douglas ex Hooker) Greene var. *capitatum*
Euklisia crassifolia (Greene) Rydberg = *Streptanthus cordatus* Nuttall
longirostris (S. Watson) Rydberg = *Streptanthella longirostris* (S. Watson) Rydberg
valida (Greene) Wooton & Standley = *Streptanthus carinatus* C. Wright ex A. Gray subsp. *carinatus*
Greggia camporum Gray var. *camporum* = *Nerisyrenia camporum* (Gray) Greene
camporum Gray var. *linearifolium* (S. Watson) M.E. Jones = *Nerisyrenia linearifolia* (S. Watson) Greene
Halimolobos fissurewort
diffusus (Gray) O.E. Schulz [M&H; W&S]
 fissurewort
Sisymbrium diffusum Gray
Hesperidanthus plains-mustard
 Rollins, R.C. 1982. *Thelypodopsis* and *Schoenocrambe* (Cruciferae). Contr. Gray Herb. 212:71-102.
 Warwick, S.I., A. Al-Shehbaz, R.A. Price, & C. Sauder. 2002. Phylogeny of *Sisymbrium* (Brassicaceae) based on ITS sequences of nuclear ribosomal DNA. Can. J. Bot. 80:1002-1017.
linearifolius (Gray) Rydberg [M&H; Rollins 1982; W&S]
 slim-leaf plains-mustard
Schoenocrambe linearifolia (Gray) Rollins
Sisymbrium linearifolium (Gray) Payson
Thelypodopsis linearifolia (Gray) Al-Shehbaz
Thelypodium linearifolium (Gray) S. Watson
Hesperis rocket
 Cox, G.W. & R.S. Peterson. 2000. New plant distribution records. The New Mexico Botanist 15:7. [*Hesperis matronalis*]
 ***matronalis** [Cox & Peterson 2000]
 mother-of-the-evening
Heterothrix longifolia (Benth) Rydberg = *Pennellia longifolia* (Benth) Rollins
micrantha (Gray) Rydberg = *Pennellia micrantha* (Gray) Niewl.
Hornungia slenderweed
 Appel, O. & I.A. Al-Shehbaz. 1997. Generic limits and taxonomy of *Hornungia*, *Pritzelago*, and *Hymenolobus* (Brassicaceae). Novon 7:338-340.
 Heil, K. 2004. Plant distribution reports. The New Mexico Botanist 31:2. [*Hutchinsia procumbens*]
 ***procumbens** (Linnaeus) Hayek [Heil 2004]
 slenderweed
Hutchinsia procumbens (Linnaeus) Desvaux
Hutchinsia procumbens (Linnaeus) Desvaux = *Hornungia procumbens* (Linnaeus) Hayek
Iberis candytuft
 Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Iberis umbellata*]
 ***umbellata** Linnaeus [Allred 1999]
 globe candytuft
Isatis woad
 Allred, K.W. 1996. New plant distribution records. The New Mexico Botanist 4:6. [*Isatis tinctoria*]
 ***tinctoria** Linnaeus [Allred 1996]
 dyer's woad
Lamphrophragma longifolium (S. Watson) O. E. Schulz = *Pennellia longifolia* (Benth) Rollins
Lepidium pepperweed
 Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Lepidium latifolium*]

Al-Shehbaz, I.A. 1986. The genera of Lepidieae (Cruciferae; Brassicaceae) in the southeastern United States. *J. Arnold Arboretum* 67:265-311. [*Lepidium austrinum*]

Al-Shehbaz, I.A., K. Mummenhoff, & O. Appel. 2002. *Cardaria*, *Coronopus*, and *Stroganowia* are united with *Lepidium* (Brassicaceae). *Novon* 12:5-11.

Bleakly, D. 2003. Plant distribution reports. *The New Mexico Botanist* 25:7. [*Lepidium appelianum*]

Hartman, R.L. 2003. Preliminary checklist of the vascular plants of Valles Caldera National Preserve, New Mexico. Distributed by the author <rhartman@uwyo.edu>. [*Lepidium ramosissim bourgeauanum*]

Hartman, R.L., B. Reif, B.E. Nelson, & B. Jacobs. 2006. New vascular plant records for New Mexico. *Sida* 22(2):1225-1233. [*L. ramosissimum bourgeauanum*]

Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. *The New Mexico Botanist* 24:1-4. [*L. montanum montanum*]

Great Plains Flora Association. 1977. Atlas of the Flora of the Great Plains. Iowa State Univ. Press. 600 pp. [*Lepidium campestre*]

Sivinski, R., T. Lowrey and R. Peterson. 1994. Additions to the native and adventive flora of New Mexico. *Phytologia* 76(6):473-479. [*Lepidium chalepense*]

Spellenberg, R., L. McIntosh, and L. Brouillet. 1993. New records of angiosperms from southern New Mexico. *Phytologia* 75:224-230. [*Lepidium didymum*]

Wagner, W.L. 1983. Noteworthy collections (New Mexico). *Madroño* 30:126. [*Lepidium oblongum*]

alyssoides Gray var. **alyssoides** [Rollins 1993; W&S]
 mesa pepperweed
Lepidium montanum Nuttall var. *alyssoides* (Gray) M.E. Jones

alyssoides Gray var. **angustifolium** (C.L. Hitchcock) Rollins [M&H; Rollins 1993]
 mesa pepperweed
Lepidium montanum Nuttall var. *angustifolium* C.L. Hitchcock

alyssoides Gray var. **eastwoodiae** (Wooton) Rollins [M&H; W&S]
 Eastwood's pepperweed
Lepidium eastwoodiae Wooton

***appelianum** Al-Shehbaz [Bleakly 2003]
 hoary-cress
Cardaria pubescens (C.A. Meyer) Jarmolenko
apetalum Willdenow = *Lepidium densiflorum* Schrader var. *densiflorum*

austrinum Small [Al-Shehbaz 1986]
 southern pepperweed

***campestre** (Linnaeus) R.Brown [Great Plains Flora Assoc. 1977]
 field pepperweed
Thlaspi campestre Linnaeus

***chalepense** Linnaeus [Sivinski et al. 1994]
 hoary-cress
Cardaria chalepensis (Linnaeus) Handel-Mazzetti

crenatum (Greene) Rydberg [Rollins 1993]
 alkali pepperweed
Lepidium vasayanum Thellung

densiflorum Schrader var. *bourgeauanum* (Thellung) Hitchcock = *Lepidium ramosissimum* A. Nelson var. *bourgeauanum* (Thellung) Rollins

densiflorum Schrader var. **densiflorum** [M&H; W&S]
 miner's pepperweed
Lepidium apetalum Linnaeus

densiflorum Schrader var. **ramosum** (A. Nelson) Thellung [M&H; Rollins 1993]
 miner's pepperweed
Lepidium ramosum A. Nelson

***didymum** Linnaeus [Spellenberg et al. 1993]
 lesser swine-cress
Coronopus didymus (Linnaeus) I.E. Smith

***draba** Linnaeus [M&H; W&S]
 hoary-cress
Cardaria draba (Linnaeus) Desvaux

eastwoodiae Wooton = *Lepidium alyssoides* Gray var. *eastwoodiae* (Wooton) Rollins

glaucum Greene = *Lepidium virginicum* Linnaeus var. *medium* (Greene) Hitchcock

hirsutum Rydberg = *Lepidium medium* Greene var. *pubescens* (Greene) Robinson

intermedium Gray = *Lepidium virginicum* Linnaeus var. *medium* (Greene) Hitchcock

intermedium Gray var. *pubescens* Greene = *Lepidium var. pubescens (Greene) Thellung*

lasiocarpum Nuttall var. **wrightii** (Gray) C.L. Hitchcock [M&H; Rollins 1993; W&S]
 Wright's pepperweed
Lepidium wrightii Gray

***latifolium** Linnaeus [Allred 1999]
 broad-leaf pepperweed
medium Greene var. *medium* = *Lepidium virginicum* Linnaeus var. *medium* (Greene) Hitchcock
medium Greene var. *pubescens* (Greene) Robinson = *Lepidium virginicum* Linnaeus var. *pubescens* (Greene) Hitchcock
montanum Nuttall var. *alyssoides* (Gray) M.E. Jones = *Lepidium alyssoides* Gray var. *alyssoides*
montanum Nuttall var. *angustifolium* C.L. Hitchcock = *Lepidium alyssoides* Gray var. *angustifolium* (C.L. Hitchcock) Rollins
montanum Nuttall var. *canescens* (Thellung) C.L. Hitchcock : Reported by M&H, but the distribution given in Rollins (1993) seems to preclude this; needs verification

montanum Nuttall var. **jonesii** (Rydberg) C.L. Hitchcock [M&H]

- Jones's pepperweed
montanum Nuttall var. **montanum** [Heil et al. 2002]
 mountain pepperweed
oblongum Small [M&H; Wagner 1983]
 veiny pepperweed
 ***perfoliatum** Linnaeus [M&H]
 clasping pepperweed
ramosissimum A. Nelson var. **bourgeauanum** (Thellung) Rollins [Hartman 2003; Hartman et al. 2006]
 branched pepperweed
Lepidium bourgeauanum Thellung
Lepidium densiflorum Schrader var. *bourgeauanum* (Thellung) Hitchcock
ramosissimum A. Nelson var. **ramosissimum** [Rollins 1993]
 branched pepperweed
ramosum A. Nelson = *Lepidium densiflorum* Schrader var. *ramosum* (A. Nelson) Thellung
thurberi Wooton [M&H; W&S]
 Thurber's pepperweed
vaseyanum Thellung = *Lepidium crenatum* (Greene) Rydberg
virginicum Linnaeus var. **medium** (Greene) Hitchcock [M&H; W&S]
 poor-man's pepperweed
Lepidium glaucum Greene
Lepidium intermedium Gray
Lepidium medium Greene var. *medium*
virginicum Linnaeus var. **pubescens** (Greene) Thellung [M&H; W&S]
 poor-man's pepperweed
Lepidium hirsutum Rydberg
Lepidium intermedium Gray var. *pubescens* Greene
Lepidium medium Greene var. *pubescens* (Greene) Robinson
wrightii Gray = *Lepidium lasiocarpum* Nuttall var. *wrightii* (Gray) C.L. Hitchcock
Lesquerella aurea Wooton = *Physaria aurea* (Wooton) O'Kane & Al-Shehbaz
calicicola Rollins = *Physaria calicicola* (Rollins) O'Kane & Al-Shehbaz
fendleri (Gray) S. Watson = *Physaria fendleri* (Gray) O'Kane & Al-Shehbaz
gooddingii Rollins & Shaw = *Physaria gooddingii* (Rollins & Shaw) O'Kane & Al-Shehbaz
gordonii (A. Gray) S. Watson var. *densifolia* Rollins = *Physaria gordonii* (A. Gray) O'Kane & Al-Shehbaz var. *densifolia* (Rollins) O'Kane & Al-Shehbaz
gordonii (Gray) S. Watson var. *gordonii* = *Physaria gordonii* (A. Gray) O'Kane & Al-Shehbaz var. *gordonii*
gordonii (Gray) S. Watson var. *sessilis* S. Watson [= *Lesquerella tenella* A. Nelson] : Reported as expected by M&H; awaits verification.
intermedia (S. Watson) Heller = *Physaria intermedia* (S. Watson) O'Kane & Al-Shehbaz
lata Wooton & Standley = *Physaria lata* (Wooton & Standley) O'Kane & Al-Shehbaz
ludoviciana (Nuttall) S. Watson = *Physaria ludoviciana* (Nuttall) O'Kane & Al-Shehbaz
montana (Gray) S. Watson = *Physaria montana* (Gray) E.L. Greene
montana (Gray) S. Watson var. *suffruticosa* Payson = *Physaria montana* (Gray) E.L. Greene
navajoensis O'Kane = *Physaria navajoensis* (O'Kane) O'Kane & Al-Shehbaz
ovalifolia Rydberg = *Physaria ovalifolia* (Rydberg) O'Kane & Al-Shehbaz
pinetorum Wooton & Standley = *Physaria pinetorum* (Wooton & Standley) O'Kane & Al-Shehbaz
praecox Wooton & Standley = *Physaria fendleri* (Gray) O'Kane & Al-Shehbaz
pruinosa Greene = *Physaria pruinosa* (Greene) O'Kane & Al-Shehbaz
purpurea (Gray) S. Watson = *Physaria purpurea* (Gray) O'Kane & Al-Shehbaz
rectipes Wooton & Standley = *Physaria rectipes* (Wooton & Standley) O'Kane & Al-Shehbaz
valida Greene = *Physaria valida* (Greene) O'Kane & Al-Shehbaz
- Lobularia** sweet alyssum
 Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Lobularia maritima*]
 ***maritima** (Linnaeus) Desvaux [Allred 1999]
 sweet alyssum
- Malcolmia** adder's-mouth
 Marley, G. & W.L. Wagner. 1981. Noteworthy collections (New Mexico). Madroño 28:41-43. [*Malcolmia africana*]
 ***africana** (Linnaeus) R. Brown [Marley & Wagner 1981]
 African adder's-mouth
- Matthiola** stock
 Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Matthiola longipetala*]
bicornis A.P. de Candolle = *Matthiola longipetala* (Ventenat) A.P. de Candolle
 ***longipetala** (Ventenat) A.P. de Candolle [Allred 1999]
 night-scented stock
Matthiola bicornis A.P. de Candolle
- Nasturtium** water-cress
 Al-Shehbaz, I.A. & R.A. Price. 1998. Delimitation of the genus *Nasturtium* (Brassicaceae). Novon 8:124-126.
hispidum (Desvaux) A.P. de Candolle = *Rorippa palustris* (Linnaeus) von Besser var. *hispidum* (Desvaux) Rydberg
microtitis (Robinson) O. E. Schulz = *Rorippa microtitis* (Robinson) Rollins

- *officinale** R. Brown [M&H; W&S]
 water-cress
Radicula nasturtium-aquaticum (Linnaeus) Britton & Rendle
Rorippa nasturtium Rusby
Rorippa nasturtium-aquaticum (Linnaeus) Schinz & Thellung
Sisymbrium nasturtium-aquaticum Linnaeus
sinuatum Nuttall = *Rorippa sinuata* (Nuttall) A. S. Hitchcock
sphaerocarpum Gray = *Rorippa sphaerocarpa* (Gray) Britton
trachycarpum Gray = *Rorippa sinuata* (Nuttall) A. S. Hitchcock
- Nerisyrenia** fan-mustard
 Bacon, J.D. 1978. Taxonomy of *Nerisyrenia* (Cruciferae). *Rhodora* 80:159-227.
camporum (Gray) Greene [Bacon 1978; M&H; Rollins 1993; W&S]
 bicolored fan-mustard
Greggia camporum Gray var. *camporum*
Parrasia camporum (Gray) Greene
linearifolia (S. Watson) Greene [Bacon 1978; M&H; Rollins 1993; W&S]
 White Sands fan-mustard
Greggia camporum Gray var. *linearifolium* (S. Watson) M.E. Jones
Parrasia linearifolia (S. Watson) Greene
- Noccaea** mountain-cress
 Holmgren, P.K. 1971. A biosystematic study of North American *Thlaspi montanum* and its allies. *Mem. N.Y. Bot. Gard.* 21:1-106.
 Koch, M. & I. Al-Shehbaz. 2004. Taxonomic and phylogenetic evaluation of the American "*Thlaspi*" species: Identity and relationship to the Eurasian genus *Noccaea* (Brassicaceae). *Syst. Bot.* 29(2):375-384.
fendleri (Gray) Holub subsp. *fendleri* [Holmgren 1971; W&S]
 Fendler's mountain-cress
Thlaspi fendleri Gray
Thlaspi montanum Linnaeus var. *fendleri* (Gray) Holmgren
fendleri (Gray) Holub subsp. **glauca** (A. Nelson) Al-Shehbaz & M. Koch [Holmgren 1971; W&S]
 Fendler's penny-cress
Thlaspi alpestre of NM authors
Thlaspi alpestre L. var. *glaucum* A. Nelson
Thlaspi coloradense Rydberg
Thlaspi fendleri Gray var. *glaucum* (A. Nelson) C.L. Hitchcock
Thlaspi purpurascens Rydberg
- Norta altissima* (Linnaeus) Britton = *Sisymbrium altissimum* Linnaeus
Pachypodium integrifolium Nuttall = *Thelypodium integrifolium* (Nuttall) Endlicher ex Walpers
Parrasia camporum (Gray) Greene = *Nerisyrenia camporum* (Gray) Greene
linearifolia (S. Watson) Greene = *Nerisyrenia linearifolia* (S. Watson) Greene
- Pennellia** thelypody
 Rollins, R.C. 1980. The genus *Pennellia* (Cruciferae) in North America. *Contr. Gray Herb.* 210:5-21.
longifolia (Bentham) Rollins [M&H; Rollins 1980; W&S]
 long-leaf thelypody
Heterothrix longifolia (Bentham) Rydberg
Lamphrophragma longifolium (S. Watson) O. E. Schulz
Streptanthus longifolius Bentham
Thelypodium longifolium (Bentham) S. Watson
micrantha (Gray) Nieuwland [M&H; Rollins 1980; W&S]
 mountain thelypody
Heterothrix micrantha (Gray) Rydberg
Streptanthus micranthus Gray
Thelypodium micranthum (Gray) S. Watson
- Physaria** bladderpod, twinpod
 Al-Shehbaz, I.A. & S.L. O'Kane. 2002. *Lesquerella* is united with *Physaria* (Brassicaceae). *Novon* 12:319-329.
 Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. *The New Mexico Botanist* 24:1-4. [*P. ludoviciana*]
 O'Kane, S.L., Jr. 1999. *Lesquerella navajoensis* (Brassicaceae), a new species of the *L. hitchcockii* complex from New Mexico. *Madroño* 46:88-91.
 O'Kane, S.L. 2000. New plant distribution records. *The New Mexico Botanist* 16:7. [*P. pruinosa*]
 Rollins, R.C. and E.A. Shaw. 1973. The genus *Lesquerella* (Cruciferae) in North America. Harvard Univ. Press. 288 p.
 Sivinski, R.C. 1999. A new variety of *Physaria newberryi* (Brassicaceae) from New Mexico. *Sida* 18(3):673-677. [var. *yesicola*]
acutifolia Rydberg var. **acutifolia** [M&H; Rollins 1993]
 pointed twinpod
Physaria australis (Payson) Rollins
Physaria didymocarpa (Hooker) Gray var. *australis* Payson
 +**aurea** (Wootton) O'Kane & Al-Shehbaz [M&H; Rollins 1993; W&S]
 golden bladderpod
Lesquerella aurea Wootton
australis (Payson) Rollins = *Physaria acutifolia* Rydberg var. *acutifolia*
callicola (Rollins) O'Kane & Al-Shehbaz [M&H; Rollins 1993]

Rocky Mountain bladderpod
Lesquerella calcicola Rollins
didymocarpa (Hooker) Gray var. *australis* Payson = *Physaria acutifolia* Rydberg var. *acutifolia*
fendleri (A. Gray) O'Kane & Al-Shehbaz [M&H; W&S]
 Fendler's bladderpod
Lesquerella fendleri (Gray) S. Watson
Lesquerella praecox Wooton & Standley
Lesquerella stenophylla (Gray) Rydberg
Vesicaria fendleri Gray
floribunda Rydberg var. **floribunda** [M&H; Rollins 1993]
 twinpod
gooddingii (Rollins & Shaw) O'Kane & Al-Shehbaz [M&H; Rollins 1993]
 Goodding's bladderpod
Lesquerella gooddingii Rollins & Shaw
 +**gordonii** (A. Gray) O'Kane & Al-Shehbaz var. **densifolia** (Rollins) O'Kane & Al-Shehbaz [Rollins 1993]
 Gordon's bladderpod
Lesquerella gordonii (A. Gray) S. Watson var. *densifolia* Rollins
gordonii (A. Gray) O'Kane & Al-Shehbaz var. **gordonii** [M&H; Rollins 1993; W&S]
 Gordon's bladderpod
Lesquerella gordonii (Gray) S. Watson var. *gordonii*
Vesicaria gordonii Gray
intermedia (S. Watson) O'Kane & Al-Shehbaz [M&H; Rollins 1993; W&S]
 Santa Fe bladderpod
Lesquerella intermedia (S. Watson) Heller
 +**lata** (Wooton & Standley) O'Kane & Al-Shehbaz [M&H; Rollins 1993; W&S]
 Lincoln County bladderpod
Lesquerella lata Wooton & Standley
ludoviciana (Nuttall) O'Kane & Al-Shehbaz [Heil et al. 2002]
 Louisiana bladderpod
Lesquerella ludoviciana (Nuttall) S. Watson
montana (A. Gray) E.L. Greene [M&H; Rollins 1993; W&S]
 mountain bladderpod
Lesquerella montana (A. Gray) S. Watson
Lesquerella montana (Gray) S. Watson var. *suffruticosa* Payson
 +**navajoensis** (O'Kane) O'Kane & Al-Shehbaz [O'Kane 1999]
 Navajo bladderpod
Lesquerella navajoensis O'Kane
newberryi A. Gray var. **newberryi** [M&H; Rollins 1993; W&S]
 Newberry's twinpod
 +**newberryi** A. Gray var. **yesicola** Sivinski [Sivinski 1999]
 gyp twinpod
ovalifolia (Rydberg) O'Kane & Al-Shehbaz [M&H; Rollins 1993; W&S]
 round-leaf bladderpod
Lesquerella ovalifolia Rydberg
pinetorum (Wooton & Standley) O'Kane & Al-Shehbaz [M&H; Rollins 1993; W&S]
 White Mountain bladderpod
Lesquerella pinetorum Wooton & Standley
pruinosa (E.L. Greene) O'Kane & Al-Shehbaz [O'Kane 2000]
 Pagosa Springs bladderpod
Lesquerella pruinosa E.L. Greene
purpurea (A. Gray) O'Kane & Al-Shehbaz [M&H; W&S]
 purple bladderpod
Lesquerella purpurea (Gray) S. Watson
rectipes (Wooton & Standley) O'Kane & Al-Shehbaz [M&H; Rollins 1993; W&S]
 straight bladderpod
Lesquerella rectipes Wooton & Standley
stenophylla (Gray) Rydberg = *Physaria fendleri* (A. Gray) O'Kane & Al-Shehbaz
valida (E.L. Greene) O'Kane & Al-Shehbaz [M&H; Rollins 1993; W&S]
 strong bladderpod
Lesquerella valida Greene
Pleurophragma gracilipes (Robinson) Rydberg = *Thelypodium integrifolium* (Nuttall ex Torrey & Gray) Endlicher subsp. *gracilipes* (Robinson)
 Al-Shehbaz
integrifolium (Nuttall) Rydberg = *Thelypodium integrifolium* (Nuttall ex Torrey & Gray) Endlicher subsp. *integrifolium*
Radicula calycina (Engelmann) Greene [= *Rorippa calycina* (Engelmann) Rydberg] : Reported by W&S, but not known from NM [Stuckey 1972]
hispida (Desvaux) Britton = *Rorippa palustris* (Linnaeus) Besser var. *hispida* (Desvaux) Rydberg

nasturtium-aquaticum (Linnaeus) Britton & Rendle = *Nasturtium officinale* R.Br.
obtusum (Nuttall) Greene [= *Rorippa teres* (Michaux) Stuckey] : Reported by W&S, but not known from NM [Stuckey 1972]
sinuata (Nuttall) Greene = *Rorippa sinuata* (Nuttall ex Torrey & Gray) Hitchcock
sinuata (Nuttall) Greene var. *truncata* Jepson = *Rorippa curvipes* Greene var. *truncata* (Jepson) Rollins
sphaerocarpa (Gray) Greene = *Rorippa sphaerocarpa* (Gray) Britton
sylvestris (Linnaeus) Druce [= *Rorippa sylvestris* (Linnaeus) Besser] : Reported by W&S, but not known from NM [Stuckey 1972].
tenerrima (Greene) Greene = *Rorippa tenerrima* Greene
terrestris (R. Brown) Wooton & Standley = *Rorippa palustris* (Linnaeus) Besser var. *occidentalis* (S. Watson) Rollins

Raphanus radish

raphanistrum Linnaeus : Reported as expected by M&H map; awaits verification.

**sativus* Linnaeus [M&H; W&S]

radish

tenella Pallas = *Chorispora tenella* (Pallas) A.P. de Candolle

Rapistrum bastard-cabbage

Allred, K.W. & J. Travis Columbus. 1989. Additions to the flora of New Mexico. *Phytologia* 67(5):361-365. [*Rapistrum rugosum*]

**rugosum* (Linnaeus) Allioni subsp. *rugosum* [Allred & Columbus 1989]

bastard-cabbage

Rorippa yellow-cress

Hartman, R.L., B. Reif, B.E. Nelson, & B. Jacobs. 2006. New vascular plant records for New Mexico. *Sida* 22(2):1225-1233. [*R. sylvestris*]

Stuckey, R.L. 1972. Taxonomy and distribution of the genus *Rorippa* (Cruciferae) in North America. *Sida* 4:279-430.

curvipes Greene var. *curvipes* [M&H; Rollins 1993]

curved yellow-cress

curvipes Greene var. *truncata* (Jepson) Rollins [M&H; W&S]

curved yellow-cress

Radicula sinuata (Nuttall) Greene var. *truncata* Jepson

Rorippa truncata (Jepson) Stuckey

**microphylla* (Boehmer ex Reichenbach) Hyland ex Löve and Löve [Rollins 1993]

one-row yellow-cress

microtitis (Robinson) Rollins [M&H]

Chihuahuan yellow-cress

Nasturtium microtitis (Robinson) O. E. Schulz

Sisymbrium microtitis Robinson

nasturtium Rusby = *Nasturtium officinale* R. Brown

nasturtium-aquaticum (Linnaeus) Schinz & Thellung = *Nasturtium officinale* R. Brown

obtusum (Nuttall ex Torrey & Gray) Britton = *Rorippa teres* (Michaux) Stuckey var. *teres*

obtusum (Nuttall) Britton var. *sphaerocarpa* (Gray) Cory = *Rorippa sphaerocarpa* (Gray) Britton

palustris (Linnaeus) Besser subsp. *glabra* (O.E. Schulz) Stuckey var. *glabra* = *Rorippa palustris* (Linnaeus) Besser var. *fernaldiana* (Butters & Abbe) Stuckey

palustris (Linnaeus) Besser var. *fernaldiana* (Butters & Abbe) Stuckey [M&H]

Fernald's yellow-cress

Rorippa palustris (Linnaeus) Besser subsp. *glabra* (O.E. Schulz) Stuckey var. *glabra*

palustris (Linnaeus) Besser var. *hispida* (Desvaux) Rydberg [M&H; Rollins 1993; W&S]

bog yellow-cress

Nasturtium hispidum (Desvaux) A.P. de Candolle

Radicula hispida (Desvaux) Britton

palustris (Linnaeus) Besser var. *occidentalis* (S. Watson) Rollins [M&H; Rollins 1993; W&S]

bog yellow-cress

Radicula terrestris (R. Brown) Wooton & Standley

sinuata (Nuttall) A.S. Hitchcock [M&H; W&S]

spreading yellow-cress

Nasturtium sinuatum Nuttall

Nasturtium trachycarpum Gray

Radicula sinuata (Nuttall) Greene

sphaerocarpa (Gray) Britton [M&H; W&S]

round yellow-cress

Nasturtium sphaerocarpum Gray

Radicula sphaerocarpa (Gray) Greene

Rorippa obtusum (Nuttall) Britton var. *sphaerocarpa* (Gray) Cory

**sylvestris* (Linnaeus) Besser [Hartman et al. 2006]

creeping yellow-cress

tenerrima Greene [M&H]

Modoc yellow-cress

Radicula tenerrima (Greene) Greene

teres (Michaux) Stuckey var. *teres* : Reported by W&S, but not known from NM (Stuckey 1972)

Rorippa obtusum (Nuttall ex Torrey & Gray) Britton

truncata (Jepson) Stuckey = *Rorippa curvipes* Greene var. *truncata* (Jepson) Rollins

Schoenocrambe schoenocrambe

- Rollins, R.C. 1982. *Thelypodiopsis* and *Schoenocrambe* (Cruciferae). Contr. Gray Herb. 212:71-102.
- Warwick, S.I., A. Al-Shehbaz, R.A. Price, & C. Sauder. 2002. Phylogeny of *Sisymbrium* (Brassicaceae) based on ITS sequences of nuclear ribosomal DNA. Can. J. Bot. 80:1002-1017.
- linearifolia* (Gray) Rollins = *Hesperidanthus linearifolius* (Gray) Rydberg
- linifolia** (Nuttall) Greene [M&H; Rollins 1982, 1993; W&S]
- schoenocrambe
- Sisymbrium linifolium* (Nuttall) Nuttall ex Torrey & Gray
- Selenia** selenia
- dissecta** Torrey & Gray [M&H; Rollins 1993]
- Texas selenia
- Sibara** rock-cress
- Rollins, R.C. 1981. Species of *Draba*, *Lesquerella*, and *Sibara* (Cruciferae). Contr. Gray Herb. 211:107-113.
- grisea** Rollins [Rollins 1981, 1993]
- winged rock-cress
- Sinapis** charlock
- *alba** Linnaeus [M&H]
- white-mustard
- Brassica alba* (Linnaeus) Boissier
- Brassica hirta* Moench
- *arvensis** Linnaeus [M&H; W&S]
- charlock, corn-mustard
- Brassica arvensis* (Linnaeus) Britton, Sterns, & Poggenburg
- Brassica kaber* (A.P. de Candolle) L.C. Wheeler
- juncea* Linnaeus = *Brassica juncea* (Linnaeus) Cosson
- Sisymbrium** hedge-mustard
- Warwick, S.I., A. Al-Shehbaz, R.A. Price, & C. Sauder. 2002. Phylogeny of *Sisymbrium* (Brassicaceae) based on ITS sequences of nuclear ribosomal DNA. Can. J. Bot. 80:1002-1017.
- Warwick, S.I. & I.A. Al-Shehbaz. 2003. Nomenclatural notes on *Sisymbrium* (Brassicaceae). Novon 13:265-267.
- *altissimum** Linnaeus [M&H; W&S]
- tall hedge-mustard
- Norta altissima* (Linnaeus) Britton
- aureum* (Eastwood) Payson = *Thelypodiopsis aurea* (Eastwood) Rydberg
- brachycarpum* Richardson = *Descurainia pinnata* (Walter) Britton subsp. *brachycarpa* (Richardson) Detling
- diffusum* Gray = *Halimolobos diffusus* (Gray) O.E. Schulz
- *irio** Linnaeus [M&H]
- London rocket
- Norta irio* (Linnaeus) Britton
- linearifolium* (Gray) Payson = *Hesperidanthus linearifolius* (Gray) Rydberg
- linifolium* (Nuttall) Nuttall ex Torrey & Gray = *Schoenocrambe linifolia* (Nuttall) Greene
- *loeselii** Linnaeus [Allred & Columbus 1989]
- false London rocket
- microtitis* Robinson = *Rorippa microtitis* (Robinson) Rollins
- nasturtium-aquaticum* Linnaeus = *Nasturtium officinale* R. Brown
- officinale* (Linnaeus) Scopoli var. *leiocarpum* A.P. de Candolle = *Sisymbrium officinale* (Linnaeus) Scopoli
- *officinale** (Linnaeus) Scopoli [M&H; W&S]
- hedge-mustard
- Erysimum officinale* Linnaeus
- Sisymbrium officinale* (Linnaeus) Scopoli var. *leiocarpum* A.P. de Candolle
- *orientale** Linnaeus [Rollins, in Kartesz 1999]
- Indian hedge-mustard
- vaseyi* S. Watson ex Robinson = *Thelypodiopsis vaseyi* (S. Watson ex Robinson) Rollins
- Sophia adenophora* Wooton & Standley = *Descurainia obtusa* (Greene) O.E. Schultz subsp. *adenophora* (Wooton & Standley) Detling
- andrenarum* Cockerell *osmiarum* Cockerell = *Descurainia pinnata* (Walter) Britton subsp. *halictorum* (Cockerell) Detling
- glabra* Wooton & Standley = *Descurainia pinnata* (Walter) Britton subsp. *glabra* (Wooton & Standley) Detling
- halictorum* Cockerell = *Descurainia pinnata* (Walter) Britton subsp. *halictorum* (Cockerell) Detling
- incisa* (Engelmann) Greene = *Descurainia incisa* (Engelmann ex A. Gray) Britton subsp. *incisa*
- ochroleuca* Wooton = *Descurainia pinnata* (Walter) Britton subsp. *ochroleuca* (Wooton) Detling
- obtusa* Greene = *Descurainia obtusa* (Greene) O. E. Schulz subsp. *obtusa*
- procera* Greene = *Descurainia incana* (Bernhardi ex Fischer & Meyer) Dorn
- serrata* Greene = *Descurainia incisa* (Engelmann ex A. Gray) Britton subsp. *incisa*
- viscosa* Rydberg = *Descurainia incisa* (Engelmann ex Gray) Britton subsp. *viscosa* (Rydberg) Rollins
- Stanleya** prince's-plume
- Peterson, R.S. 2000. New plant distribution records. The New Mexico Botanist 15:7. [*Stanleya viridiflora*]
- albescens** M.E. Jones [M&H; W&S]
- white prince's-plume
- arcuata* Rydberg = *Stanleya pinnata* (Pursh) Britton
- pinnata** (Pursh) Britton var. **pinnata** [M&H; W&S]

prince's-plume
Stanleya arcuata Rydberg

viridiflora Nuttall ex Torrey & Gray [Peterson 2000]
Stanleyella wrightii (Gray) Rydberg = *Thelypodium wrightii* Gray

Streptanthella fiddle-mustard
longirostris (S. Watson) Rydberg [M&H; W&S]
 long-beak fiddle-mustard
Arabis longirostris S. Watson
Euklisia longirostris (S. Watson) Rydberg
Streptanthus longirostris S. Watson

Streptanthus jewel-flower
 Kruckenberg, A.R., J.E. Rodman, and R.D. Worthington. 1982. Natural hybridization between *Streptanthus arizonicus* and *S. carinatus* (Cruciferae). Syst. Bot. 7(3):291-299.
 Spellenberg, R., R. Worthington, P. Knight, and R. Fletcher. 1986. Additions to the flora of New Mexico. Sida 11(4):455-470. [*Streptanthus sparsiflorus* *arizonicus* S. Watson = *Streptanthus carinatus* Wright ex Gray subsp. *arizonicus* (S. Watson) Kruckeberg, Rodman, & Worthington **carinatus** Wright ex Gray subsp. **arizonicus** (S. Watson) Kruckeberg, Rodman, & Worthington [Kruckeberg et al. 1982; Rollins 1993]

Arizona jewel-flower
Disaccanthus luteus Greene
Disaccanthus mogollonicus Greene
Streptanthus arizonicus S. Watson

carinatus Wright ex Gray subsp. **carinatus** [M&H; W&S]
 lyre-leaf jewel-flower
Disaccanthus validus Greene
Euklisia valida (Greene) Wooton & Standley
Streptanthus validus (Greene) Cory

cordatus Nuttall var. **cordatus** [M&H; Rollins 1993; W&S]
 heart-leaf jewel-flower
Euklisia crassifolia (Greene) Rydberg
Streptanthus crassifolius Greene
crassifolius Greene = *Streptanthus cordatus* Nuttall var. *cordatus*
longifolius Bentham = *Pennellia longifolia* (Bentham) Rollins
longirostris S. Watson = *Streptanthella longirostris* (S. Watson) Rydberg
micranthus Gray = *Pennellia micrantha* (Gray) Nieuwland
sparsiflorus Rollins [Spellenberg et al. 1986]
 slight jewel-flower
validus (Greene) Cory = *Streptanthus carinatus* C. Wright ex A. Gray subsp. *carinatus*

Thelypodiopsis tumble-mustard
 Rollins, R.C. 1982. *Thelypodiopsis* and *Schoenocrambe* (Cruciferae). Contr. Gray Herb. 212:71-102.
 Ward, D. & R. Spellenberg. 1981. Noteworthy collections (New Mexico). Madroño 28:185-186. [*Thelypodiopsis purpusii*]

aurea (Eastwood) Rydberg [M&H; Rollins 1982]
 Durango tumble-mustard
Sisymbrium aureum (Eastwood) Payson
Thelypodium aureum Eastwood
linearifolia (Gray) Al-Shehbaz = *Schoenocrambe linearifolia* (Gray) Rollins
purpusii (Brandege) Rollins [M&H; Rollins 1993; W&S; Ward & Spellenberg 1981]
 Purpus's tumble-mustard
Thelypodium vernale Wooton & Standley
 +**vaseyi** (S. Watson ex Robinson) Rollins [M&H; Rollins 1982; W&S]
 Vasey's tumble-mustard
Sisymbrium vaseyi S. Watson ex Robinson

Thelypodium thelypody
 Al-Shehbaz, I.A. 1973. The biosystematics of the genus *Thelypodium* (Cruciferae). Contr. Gray Herb. 204:3-148.
aureum Eastwood = *Thelypodiopsis aurea* (Eastwood) Rydberg
integrifolium (Nuttall) Endlicher ex Walpers subsp. **gracilipes** (Robinson) Al-Shehbaz [Al-Shehbaz 1973; M&H; W&S]
 smooth thelypody
Pleurophragma gracilipes (Robinson) Rydberg
Thelypodium integrifolium (Nuttall) Endlicher ex Walpers var. *gracilipes* Robinson
integrifolium (Nuttall) Endlicher ex Walpers var. *gracilipes* Robinson = *Thelypodium integrifolium* (Nuttall) Endlicher subsp. *gracilipes* (Robinson) Al-Shehbaz
integrifolium (Nuttall) Endlicher ex Walpers var. *integrifolium* : Reported by M&H, but not known from NM (Al-Shehbaz 1973).
Pachypodium integrifolium Nuttall
Pleurophragma integrifolium (Nuttall) Rydberg
Thelypodium lilacinum Greene
lilacinum Greene = *Thelypodium integrifolium* (Nuttall) Endlicher ex Walpers
longifolium (Bentham) S. Watson = *Pennellia longifolia* (Bentham) Rollins
micranthum (Gray) S. Watson = *Pennellia micrantha* (Gray) Niewl.
vernale Wooton & Standley = *Thelypodiopsis purpusii* (Brandege) Rollins

wrightii Gray [M&H; W&S]

Wright's thelypody

Stanleyella wrightii (Gray) Rydberg

Thlaspi penny-cress

Holmgren, P.K. 1971. A biosystematic study of North American *Thlaspi montanum* and its allies. Mem. N.Y. Bot. Gard. 21:1-106.

Koch, M. & I. Al-Shehbaz. 2004. Taxonomic and phylogenetic evaluation of the American "*Thlaspi*" species: Identity and relationship to the Eurasian genus *Noccaea* (Brassicaceae). Syst. Bot. 29(2):375-384.

alpestre of NM authors = *Noccaea fendleri* (Gray) Holub subsp. *glauca* (A. Nelson) Al-Shehbaz & M. Koch

alpestre L. var. *glauca* A. Nelson = *Noccaea fendleri* (Gray) Holub subsp. *glauca* (A. Nelson) Al-Shehbaz & M. Koch

***arvense** Linnaeus [M&H]

field penny-cress

campestre Linnaeus = *Lepidium campestre* (Linnaeus) R. Brown

coloradense Rydberg = *Noccaea fendleri* (Gray) Holub subsp. *glauca* (A. Nelson) Al-Shehbaz & M. Koch

fendleri Gray = *Noccaea fendleri* (Gray) Holub

fendleri Gray var. *glauca* (A. Nelson) C.L. Hitchcock = *Noccaea fendleri* (Gray) Holub subsp. *glauca* (A. Nelson) Al-Shehbaz & M. Koch

glauca A. Nelson = *Noccaea fendleri* (Gray) Holub subsp. *glauca* (A. Nelson) Al-Shehbaz & M. Koch

montanum Linnaeus var. *fendleri* (Gray) Holmgren = *Noccaea fendleri* (Gray) Holub subsp. *fendleri*

montanum Linnaeus s.s. : This is a European species perhaps separable from the North American *Thlaspi fendleri* Gray

purpurascens Rydberg = *Noccaea fendleri* (Gray) Holub subsp. *glauca* (A. Nelson) Al-Shehbaz & M. Koch

Thysanocarpus fringe-pod

amplectens Greene = *Thysanocarpus curvipes* Hooker

curvipes Hooker [M&H; Rollins 1993; W&S]

sand fringe-pod

Thysanocarpus amplectens Greene

Turritis tower-mustard

glabra Linnaeus [M&H]

tower-mustard

Arabis glabra (Linnaeus) Bernhardi

Vesicaria fendleri Gray = *Physaria fendleri* (A. Gray) O'Kane & Al-Shehbaz

gordonii Gray = *Physaria gordonii* (Gray) O'Kane & Al-Shehbaz var. *gordonii*

Family BUDDLEJACEAE

Buddleja butterfly-bush

Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Buddleja scordioides*]

scordioides Humboldt, Bonpland, & Kunth [Allred 1999]

escobilla

Family CACTACEAE

Anderson, E.F. 2001. The Cactus Family. Timber Press, Portland, Oregon. 776 pp.

Benson, L. 1982. The Cacti of the United States and Canada. Stanford Univ. Press. 1044 p.

Parfitt, B.D. & A.C. Gibson. 2003. Cactaceae, pp. 92-257. IN: Flora of North America, vol. 4. Oxford University Press, New York.

Weniger, D. 1984. Cacti of Texas and neighboring states. University of Texas Press, Austin. 356 pp.

Ancistrocactus uncinatus (Galeotti) L. Benson var. *wrightii* (Engelmann) L. Benson = *Glandulicactus uncinatus* (Galeotti) Backeberg var.

wrightii (Engelmann) Backeberg

Cereus coccineus (Engelmann) Engelmann var. *cylandricus* Engelmann = *Echinocereus coccineus* Engelmann var. *coccineus*

coccineus (Engelmann) Engelmann var. *melanacanthus* Engelmann = *Echinocereus coccineus* Engelmann var. *coccineus*

conoideus Engelmann & Bigelow = *Echinocereus coccineus* Engelmann var. *coccineus*

fendleri Engelmann var. *pauperculus* Engelmann = *Echinocereus fasciculatus* (Engelmann ex S. Watson) L. Benson

greggii Engelmann = *Peniocereus greggii* (Engelmann) Britton & Rose

greggii Engelmann var. *transmontanus* Engelmann = *Peniocereus greggii* (Engelmann) Britton & Rose var. *transmontanus* (Engelmann)

Backeberg

mojavensis Engelmann & Bigelow = *Echinocereus triglochidiatus* Engelmann

pectinatus Engelmann in Gray var. *rigidissimus* Engelmann = *Echinocereus rigidissimus* (Engelmann) Rose

Coloradoa mesa-verdae Boissevain & C. Davidson = *Sclerocactus mesa-verdae* (Boissevain ex Boissevain & C. Davidson) L. Benson

Coryphantha beehive-cactus

Taylor, N.P. 1978. Review of the genus *Escobaria* B. & R. Cactus & Succulent J. of Great Britain 40(2):31-37.

Sivinski, R. and K. Lightfoot, eds. 1994. Inventory of rare and endangered plants of New Mexico. New Mexico Forestry and Resources Conservation Division,

Misc. Publ. No. 3. [*Coryphantha scheerii* var. *uncinata*]

Zimmerman, A.D. & B.D. Parfitt. 2003. *Coryphantha*, pp. 220-237. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

arizonica (Engelmann) Britton & Rose = *Coryphantha vivipara* (Nuttall) Britton & Rose

bisbeeana Orcutt = *Coryphantha vivipara* (Nuttall) Britton & Rose

organensis D. Zimmerman = *Coryphantha sneedii* (Britton & Rose) A. Berger

dasyacantha (Engelmann) A. Berger : Reported by M&H & W&S, but both Benson (1982) and Zimmerman & Parfitt (2003) record it only from Texas.

Mammillaria dasyacantha Engelmann

deserti Engelmann [= *Coryphantha chlorantha* (Engelmann) Britton & Rose] : Reported for NM by Weniger (1984) and Rogers (1953), but

Benson (1982) and Zimmerman & Parfitt (2003) exclude it from the state; awaits verification.

duncanii (Hester) L. Benson [M&H; Zimmerman & Parfitt 2003]

Duncan's foxtail-cactus

Escobaria duncanii (Hester) Backeberg
macromeris (Engelmann) Lemaire [M&H; W&S; Zimmerman & Parfitt 2003]
 nipple beehive-cactus
Mammillaria macromeris Engelmann
missouriensis (Sweet) Britton & Rose [M&H; Zimmerman & Parfitt 2003]
 Missouri foxtail-cactus
Escobaria missouriensis (Sweet) D.R. Hunt
Neobessya missouriensis (Sweet) Britton & Rose
muehlenpfordtii (Poselger) Britton & Rose = *Coryphantha robustispina* (Schott ex Engelmann) Britton & Rose
robustispina (Schott ex Engelmann) Britton & Rose [M&H; W&S; Zimmerman & Parfitt 2003]
 pineapple cactus
Coryphantha muehlenpfordtii (Poselger) Britton & Rose
Coryphantha scheeri (Muehlenpfordt) Lemaire
Coryphantha scheeri (Muehlenpfordt) Lemaire var. *uncinata* L. Benson
Mammillaria scheerii Muehlenpfordt
Mammillaria scheeri Muehlenpfordt var. *valida* Engelmann
scheeri (Muehlenpfordt) Lemaire = *Coryphantha robustispina* (Schott ex Engelmann) Britton & Rose
scheeri (Muehlenpfordt) Lemaire var. *uncinata* L. Benson = *Coryphantha robustispina* (Schott ex Engelmann) Britton & Rose
scheeri (Muehlenpfordt) Lemaire var. *valida* (Engelmann) L. Benson = *Coryphantha robustispina* (Schott ex Engelmann) Britton & Rose
sneedii (Britton & Rose) A. Berger [M&H; Zimmerman & Parfitt 2003]
 Sneed's foxtail-cactus
Coryphantha sneedii (Britton & Rose) Berger
Coryphantha sneedii (Britton & Rose) Berger var. *leei* (Bödecker) L. Benson
Coryphantha strobiliformis (Poselger) Orcutt var. *orcuttii* (Rose) L. Benson
Coryphantha organensis D. Zimmerman
Escobaria guadalupensis Brack & Heil
Escobaria leei Rose ex Bödecker
Escobaria orcuttii Boedeker
Escobaria orcuttii (Rose ex Orcutt) Bödecker var. *koenigii* Castetter, Pierce, & Schwerin
Escobaria orcuttii (Rose ex Orcutt) Bödecker var. *macraxina* Castetter, Pierce, & Schwerin
Escobaria sandbergii Castetter, Pierce, & Schwerin
Escobaria sneedii Britton & Rose var. *leei* (Rose ex Boed.) D.R. Hunt
Escobaria sneedii Britton & Rose var. *sneedii*
Escobaria villardii Castetter, Pierce, & Schwerin
Mammillaria leei (Rose ex Bödecker) Rose
strobiliformis of various authors = *Coryphantha tuberculosa* (Engelmann) A. Berger
strobiliformis (Poselger) Orcutt var. *orcuttii* (Rose) L. Benson = *Coryphantha sneedii* (Britton & Rose) A. Berger
tuberculosa (Engelmann) A. Berger [M&H; W&S; Zimmerman & Parfitt 2003]
 Cob cactus
Coryphantha strobiliformis auct.
Echinocactus strobiliformis auct.
Escobaria strobiliformis auct.
Escobaria tuberculosa (Engelmann) Britton & Rose
Mammillaria tuberculosa Engelmann
vivipara (Nuttall) Britton & Rose [M&H; W&S; Zimmerman & Parfitt 2003]
 spinystar
Escobaria vivipara (Nuttall) F. Buxbaum
Escobaria vivipara (Nuttall) F. Buxbaum var. *arizonica* (Engelmann) D.R. Hunt
Escobaria vivipara (Nuttall) F. Buxbaum var. *bisbeeana* (Orcutt) D.R. Hunt
Escobaria vivipara (Nuttall) F. Buxbaum var. *neomexicana* (Engelmann) F. Buxbaum
Escobaria vivipara (Nuttall) F. Buxbaum var. *radiosa* (Engelmann) D.R. Hunt
Coryphantha arizonica (Engelmann) Britton & Rose
Coryphantha bisbeeana Orcutt
Coryphantha vivipara (Nuttall) Britton & Rose var. *arizonica* (Engelmann) W.T. Marshall
Coryphantha vivipara (Nuttall) Britton & Rose var. *bisbeeana* (Orcutt) L. Benson
Coryphantha vivipara (Nuttall) Britton & Rose var. *radiosa* (Engelmann) Backeberg
Mammillaria arizonica Engelmann
Mammillaria neomexicana Engelmann
Mammillaria radiosa Engelmann
Mammillaria vivipara (Nuttall) Haworth var. *neomexicana* (Engelmann) Engelmann
Mammillaria vivipara (Nuttall) Haworth

Cylindropuntia cholla
 Pinkava, D.J. 2003. *Cylindropuntia*, pp. 103-118. IN: Flora of North America, vol. 4, pt.1. Oxford University Press, New York.
clavata (Engelmann) F.M. Knuth = *Grusonia clavata* (Engelmann) H. Robinson
davisii (Engelmann & Bigelow) F.M. Knuth [M&H; Pinkava 2003; W&S]
 Davis's cholla
Opuntia davisii Engelmann & Bigelow
Opuntia tunicata (Lehmann) Link & Otto var. *davisii* (Engelmann & Bigelow) L. Benson

fulgida (Engelmann) F.M. Knuth var. *mamillata* (Schott) Backeberg : Reported by M&H and Benson (1982), but its occurrence in NM questioned by Parfitt (pers. comm. 1999) and restricted to Sonoran Desert by Anderson (2001); awaits verification.

Opuntia fulgida Engelmann var. *mamillata* (Schott) J.M. Coulter

imbricata (Haworth) F.M. Knuth var. ***imbricata*** [M&H; Pinkava 2003; W&S]
cane cholla

Opuntia arborescens Engelmann in Wislizenus

Opuntia imbricata (Haworth) A.P. de Candolle

kleiniae (A.P. de Candolle) F.M. Knuth [M&H; Pinkava 2003; W&S]

Klein's cholla

Opuntia kleiniae A.P. de Candolle

leptocaulis (A.P. de Candolle) F.M. Knuth [M&H; Pinkava 2003; W&S]

desert Christmas cactus

Opuntia leptocaulis A.P. de Candolle

spinosior (Engelmann) F.M. Knuth [M&H; Pinkava 2003; W&S]

walking-stick cholla

Opuntia spinosior (Engelmann) Toumey

×***viridiflora*** (Britton & Rose) F.M. Knuth [Benson 1982; Pinkava 2003]

Santa Fe cholla

Opuntia viridiflora Britton & Rose

Opuntia whipplei Engelmann & Bigelow var. *viridiflora* (Britton & Rose) L. Benson

whipplei (Engelmann & Bigelow) F.M. Knuth [M&H; Pinkava 2003; W&S]

Whipple's cholla

Opuntia whipplei Engelmann & Bigelow

Echinocactus barrel cactus

Hall, H.H. & S. Flowers. 1961. Vascular plants found in the Navajo Reservoir Basin, pp. 47-87. IN: D.M. Pendergast (ed.). Ecological studies of the flora and fauna of Navajo Reservoir Basin, Colorado and New Mexico. Univ. Utah Anthropological Papers, number 55.

Heil, K.D. & J.M. Porter. 1994. *Sclerocactus* (Cactaceae): A revision. *Haseltonia* 2:20-46.

Zimmerman, A.D. & B.D. Parfitt. 2003. *Echinocactus*, pp. 188-191. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

dasyacanthus Engelmann = *Echinomastus intertextus* (Engelmann) Britton & Rose var. *dasyacanthus* (Engelmann) Backeberg

glaucus K. Schumann [= *Sclerocactus glaucus* (J.A. Purpus) L. Benson] : Reported by W&S, but not occurring in NM [Benson 1982; Heil & Porter 1994].

horizontalonius Lemaire [M&H; W&S; Zimmerman & Parfitt 2003]

eagle-claw cactus, blue-barrel

intertextus Engelmann = *Echinomastus intertextus* (Engelmann) Britton & Rose

mesa-verdae (Boissevain & C. Davidson) L. Benson = *Sclerocactus mesa-verdae* (Boissevain ex Boissevain & C. Davidson) L. Benson

papyracanthus Engelmann = *Sclerocactus papyracanthus* (Engelmann) N.P. Taylor

polycephalus Engelmann & J.M. Bigelow var. *xeranthemoides* J.M. Coulter : Reported by Hall & Flowers (1961); needs verification.

strobiliformis auct. non Poselger = *Coryphantha tuberculosa* (Engelmann) A. Berger

texensis Hopffer [M&H; W&S; Zimmerman & Parfitt 2003]

horse-crippler

Homalocephalus texensis (Hopffer) Britton & Rose

uncinatus Galeotti var. *wrightii* Engelmann = *Glandulicactus uncinatus* (Galeotti) Backeberg var. *wrightii* (Engelmann) Backeberg

wislizeni Engelmann = *Ferocactus wislizeni* (Engelmann) Britton & Rose

Echinocereus hedgehog-cactus

Baker, M.A. 2006. Circumscription of *Echinocereus arizonicus* subsp. *arizonicus*: Phenetic analysis of morphological characters in section *Triglochidiatus* (Cactaceae), part II.

Blum, W., M. Lange, W. Rischer, & J. Rutow. 1998. *Echinocereus*. Fa. Proost. N.V., Turnhout, Belgium. [*Echinocereus arizonicus nigrigorridispinus*]

Castetter, E.F., P. Pierce, and K.H. Schwerin. 1976. A new cactus species and two new varieties from New Mexico. *Cactus & Succulent J.* 48:77-81. [*Echinocereus kuenzleri*]

Ferguson, D.J. 1989. Revision of the U.S. members of the *Echinocereus triglochidiatus* group. *Cactus & Succulent Journal (U.S.)* 61:217-224.

Great Plains Flora Association. 1977. Atlas of the Flora of the Great Plains. Iowa State Univ. Press. 600 pp. [*Echinocereus reichenbachii baileyi*]

Powell, A.M., A.D. Zimmerman, & R.A. Hilsenbeck. 1991. Experimental documentation of natural hybridization in Cactaceae: origin of Lloyd's hedgehog cactus, *Echinocereus xloydii*. *Pl. Syst. Evol.* 178:107-122.

Taylor, N.P. 1985. The genus *Echinocereus*. Timber Press, Portland, Oregon.

Zimmerman, A.D. & B.D. Parfitt. 2003. *Echinocereus*, pp. 157-174. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

arizonicus Rose ex Orcutt subsp. ***arizonicus*** [Ferguson 1989; Zimmerman & Parfitt 2003]

Arizona hedgehog-cactus

Echinocereus coccineus Engelmann var. *arizonicus* (Rose ex Orcutt) Ferguson

Echinocereus triglochidiatus Engelmann var. *arizonicus* (Rose ex Orcutt) L. Benson

arizonicus Rose ex Orcutt subsp. ***nigrigorridispinus*** W. Blum & Rutow [Baker 2006; Blum et al. 1998]

black-spine Arizona hedgehog-cactus

chloranthus Engelmann = *Echinocereus viridiflorus* Engelmann

chloranthus Engelmann var. *cylindricus* (Engelmann) N.P. Taylor = *Echinocereus viridiflorus* Engelmann

coccineus Engelmann var. *arizonicus* (Rose ex Orcutt) Ferguson = *Echinocereus arizonicus* Rose ex Orcutt

coccineus Engelmann [Ferguson 1989; M&H; W&S; Zimmerman & Parfitt 2003]

scarlet hedgehog-cactus

Cereus coccineus (Engelmann) Engelmann var. *cylindricus* Engelmann

Cereus coccineus (Engelmann) Engelmann var. *melanacanthus* Engelmann

Cereus conoideus Engelmann & Bigelow

Echinocereus conoideus (Engelmann & Bigelow) Engelmann
Echinocereus melanacanthus (Engelmann) Engelmann
Echinocereus polyacanthus Engelmann
Echinocereus rosei Wooton & Standley
Echinocereus triglochidiatus Engelmann var. *melanacanthus* (Engelmann) L. Benson
coccineus Engelmann var. *gurneyi* (Benson) Heil & Brack = *Echinocereus* ×*roetteri* (Engelmann) Rümpler
conoideus Engelmann = *Echinocereus coccineus* Engelmann
dasyacanthus Engelmann [M&H; W&S; Zimmerman & Parfitt 2003]
 spiny hedgehog-cactus
Echinocereus pectinatus (Schwidweiler) Engelmann var. *dasyacanthus* (Engelmann) N.P. Taylor
dasyacanthus Engelmann in Wislizenus var. *rigidissimus* (Engelmann) W.T. Marshall = *Echinocereus rigidissimus* (Engelmann) Rose
enneacanthus Engelmann var. *brevispinus* (W.O. Moore) L. Benson = Erroneously reported for NM by Taylor (1985), citing the Ash Canyon record for *Echinocereus enneacanthus* Engelmann var. *enneacanthus* reported by Benson (1982).
enneacanthus Engelmann var. ***enneacanthus*** [Benson 1982]. Note: Reported from Ash Canyon, San Andres Mts, Doña Ana County, but Zimmerman & Parfitt (2003) dispute this; needs verification.
Echinocereus enneacanthus Engelmann var. *dubius* (Engelmann) L. Benson
enneacanthus Engelmann var. *dubius* (Engelmann) L. Benson = *Echinocereus enneacanthus* Engelmann var. *enneacanthus*
enneacanthus Engelmann var. *stramineus* (Engelmann) L. Benson = *Echinocereus stramineus* (Engelmann) F. Seitz
fasciculatus (Engelmann) L. Benson : Not known from NM (Zimmerman & Parfitt 2003); NM records probably pertain to *Echinocereus fendleri* (Engelmann) Engelmann ex Rümpler
Cereus fendleri Engelmann var. *pauperculus* Engelmann
Echinocereus fendleri (Engelmann) Engelmann ex Rümpler var. *fasciculatus* (Engelmann ex S. Watson) N.P. Taylor
fendleri (Engelmann) Engelmann ex Rümpler var. *fasciculatus* (Engelmann ex S. Watson) N.P. Taylor = *Echinocereus fasciculatus* (Engelmann ex S. Watson) L. Benson
fendleri (Engelmann) Engelmann ex Rümpler [M&H; Zimmerman & Parfitt 2003]
 Fendler's hedgehog-cactus
Echinocereus fendleri (Engelmann) Engelmann ex Rümpler var. *kuenzleri* (Castetter, Pierce & Schwerin) L. Benson
Echinocereus kuenzleri Castetter, Pierce & Schwerin
Echinocereus rectispinus Peebles
fendleri (Engelmann) Engelmann ex Rümpler var. *kuenzleri* (Castetter, Pierce & Schwerin) L. Benson = *Echinocereus fendleri* (Engelmann) Engelmann ex Rümpler
fendleri (Engelmann) Engelmann ex Rümpler var. *rectispinus* (Peebles) L. Benson = *Echinocereus fendleri* (Engelmann) Engelmann ex Rümpler
gonacanthus (Engelmann & Bigelow) Engelmann ex Rümpler = *Echinocereus triglochidiatus* Engelmann
kuenzleri Castetter, Pierce & Schwerin = *Echinocereus fendleri* (Engelmann) Engelmann ex Rümpler
lloydii Britton & Rose = *Echinocereus* ×*roetteri* (Engelmann) Rümpler
melanacanthus Engelmann = *Echinocereus coccineus* Engelmann
neomexicanus Coulter = *Echinocereus* ×*roetteri* (Engelmann) Rümpler
neomexicanus Standley = *Echinocereus triglochidiatus* Engelmann
paucispinus Engelmann ex Rümpler [= *Echinocereus triglochidiatus* Engelmann var. *paucispinus* (Engelmann) Engelmann ex W.T. Marshall] : Reported by W&S, but not by Benson (1982); needs verification].
pectinatus (Schwidweiler) Engelmann var. *dasyacanthus* (Engelmann) N.P. Taylor = *Echinocereus dasyacanthus* Engelmann
pectinatus (Schwidweiler) Engelmann var. *minor* (Engelmann) L. Benson = *Echinocereus* ×*roetteri* (Engelmann) Rümpler
lloydii (Schwidweiler) Engelmann var. *neomexicanus* (Coulter) L. Benson = *Echinocereus* ×*roetteri* (Engelmann) Rümpler
pectinatus (Schwidweiler) Engelmann var. *rigidissimus* (Engelmann) Engelmann ex Rümpler = *Echinocereus rigidissimus* (Engelmann) Rose
polyacanthus Engelmann = *Echinocereus coccineus* Engelmann
rectispinus Peebles = *Echinocereus fendleri* (Engelmann) Engelmann ex Rümpler
reichenbachii (Terscheck ex Walpers) Haage f. [M&H; Zimmerman & Parfitt 2003]
 lacy hedgehog-cactus
Echinocereus reichenbachii (Terscheck ex Walpers) Haage f. var. *albospinus* (Lahman) L. Benson
Echinocereus reichenbachii (Terscheck ex Walpers) Haage f. var. *baileyi* (Rose) N.P. Taylor
Echinocereus reichenbachii (Terscheck ex Walpers) Haage f. var. *perbellus* (Britton & Rose) L. Benson
reichenbachii (Terscheck ex Walpers) Haage f. var. *albospinus* (Lahman) L. Benson = *Echinocereus reichenbachii* (Terscheck ex Walpers) Haage f.
reichenbachii (Terscheck ex Walpers) Haage f. var. *baileyi* (Rose) N.P. Taylor = *Echinocereus reichenbachii* (Terscheck ex Walpers) Haage f.
reichenbachii (Terscheck ex Walpers) Haage f. var. *perbellus* (Britton & Rose) L. Benson = *Echinocereus reichenbachii* (Terscheck ex Walpers) Haage f.
rigidissimus (Engelmann) Rose var. ***rigidissimus*** [M&H; W&S; Zimmerman & Parfitt 2003]
 stiff-spine hedgehog-cactus
Cereus pectinatus Engelmann in Gray var. *rigidissimus* Engelmann
Echinocereus dasyacanthus Engelmann in Wislizenus var. *rigidissimus* (Engelmann) W.T. Marshall
Echinocereus pectinatus (Schwidweiler) Engelmann var. *rigidissimus* (Engelmann) Engelmann ex Rümpler
rosei Wooton & Standley = *Echinocereus coccineus* Engelmann
×*roetteri* (Engelmann) Rümpler [Anderson 2001; M&H; Zimmerman & Parfitt 2003]
 Lloyd's hedgehog-cactus
Echinocereus coccineus Engelmann var. *gurneyi* (Benson) Heil & Brack
Echinocereus lloydii Britton & Rose

- Echinocereus neomexicanus* Coulter
Echinocereus pectinatus (Schwidweiler) Engelm var. *minor* (Engelm) L. Benson
Echinocereus pectinatus (Schwidweiler) Engelm var. *neomexicanus* (Coulter) L. Benson
Echinocereus triglochidiatus Engelm var. *gurneyi* Benson
stramineus (Engelm) F. Seitz [M&H; W&S; Zimmerman & Parfitt 2003]
 strawberry hedgehog-cactus
Echinocereus enneacanthus Engelm var. *stramineus* (Engelm) L. Benson
triglochidiatus Engelm var. *arizonicus* (Rose ex Orcutt) L. Benson = *Echinocereus arizonicus* Rose ex Orcutt
triglochidiatus Engelm var. *gonacanthus* (Engelm & Bigelow) Boissevain = *Echinocereus triglochidiatus* Engelm
triglochidiatus Engelm var. *gurneyi* L. Benson = *Echinocereus ×roetteri* (Engelm) Rümpler
triglochidiatus Engelm var. *melanacanthus* (Engelm) L. Benson = *Echinocereus coccineus* Engelm
triglochidiatus Engelm var. *mojavensis* (Engelm & Bigelow) L. Benson = *Echinocereus triglochidiatus* Engelm
triglochidiatus Engelm var. *neomexicanus* (Standley) Standley ex W.T. Marshall = *Echinocereus triglochidiatus* Engelm
triglochidiatus Engelm [Ferguson 1989; M&H; W&S; Zimmerman & Parfitt 2003]
 claret-cup cactus
Cereus gonacanthus Engelm & Bigelow
Cereus mojavensis Engelm & Bigelow
Echinocereus neomexicanus Standley
Echinocereus gonacanthus (Engelm & Bigelow) Engelm ex Rümpler
Echinocereus triglochidiatus Engelm var. *gonacanthus* (Engelm & Bigelow) Boissevain
Echinocereus triglochidiatus Engelm var. *mojavensis* (Engelm & Bigelow) L. Benson
Echinocereus triglochidiatus Engelm var. *neomexicanus* (Standley) Standley ex W.T. Marshall
viridiflorus Engelm subsp. *chloranthus* (Engelm) N.P. Taylor = *Echinocereus viridiflorus* Engelm
viridiflorus Engelm subsp. *cylindricus* (Engelm) N.P. Taylor = *Echinocereus viridiflorus* Engelm
viridiflorus Engelm [M&H; W&S; Zimmerman & Parfitt 2003]
 nylon hedgehog-cactus
Echinocereus chloranthus Engelm
Echinocereus chloranthus Engelm var. *cylindricus* (Engelm) N.P. Taylor
Echinocereus viridiflorus Engelm subsp. *chloranthus* (Engelm) N.P. Taylor
Echinocereus viridiflorus Engelm subsp. *cylindricus* (Engelm) N.P. Taylor
- Echinomastus** early-bloomer
 Zimmerman, A.D. & B.D. Parfitt. 2003. *Echinomastus*, pp. 192-196. IN: Flora of North America, vol. 4, pt.1. Oxford University Press, New York.
dasyacanthus (Engelm) Britton & Rose = *Echinomastus intertextus* (Engelm) Britton & Rose var. *dasyacanthus* (Engelm)
 Backeberg
intertextus (Engelm) Britton & Rose var. **dasyacanthus** (Engelm) Backeberg [M&H; W&S; Zimmerman & Parfitt 2003]
 early-bloomer
Echinocactus dasyacanthus Engelm
Echinomastus dasyacanthus (Engelm) Britton & Rose
Neolloydia intertexta (Engelm) L. Benson
Neolloydia intertexta (Engelm) L. Benson var. *dasyacantha* (Engelm) L. Benson
intertextus (Engelm) Britton & Rose var. **intertextus** [M&H; W&S; Zimmerman & Parfitt 2003]
 early-bloomer
Echinocactus intertextus Engelm
Neolloydia intertexta (Engelm) L. Benson var. *intertexta*
- Epithelantha** ball-cactus
 Zimmerman, A.D. & B.D. Parfitt. 2003. *Epithelantha*, pp. 239-240. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.
micromeris (Engelm) Weber ex Britton & Rose var. **micromeris** [M&H; W&S; Zimmerman & Parfitt 2003]
 ping-pong-ball cactus
Mammillaria micromeris Engelm
- Escobaria dasyacantha* (Engelm) Britton & Rose = *Coryphantha dasyacantha* (Engelm) A. Berger
duncanii (Hester) Backeberg = *Coryphantha duncanii* (Hester) L. Benson
guadalupensis Brack & Heil = *Coryphantha sneedii* (Britton & Rose) A. Berger
leei Rose ex Bodecker = *Coryphantha sneedii* (Britton & Rose) Berger
missouriensis (Sweet) D.R. Hunt = *Coryphantha missouriensis* (Sweet) Britton & Rose
orcuttii (Rose ex Orcutt) Bödeker var. *koenigii* Castetter, Pierce, & Schwerin = *Coryphantha sneedii* (Britton & Rose) A. Berger
orcuttii (Rose ex Orcutt) Bödeker var. *macraxina* Castetter, Pierce, & Schwerin = *Coryphantha sneedii* (Britton & Rose) A. Berger
orcuttii (Rose ex Orcutt) Bödeker = *Coryphantha sneedii* (Britton & Rose) A. Berger
organensis (D. Zimmerman) Castetter, Pierce, & Schwerin = *Coryphantha sneedii* (Britton & Rose) A. Berger
sandbergii Castetter, Pierce, & Schwerin = *Coryphantha sneedii* (Britton & Rose) A. Berger
sneedii Britton & Rose var. *leei* (Rose ex Bödecker) D.R. Hunt = *Coryphantha sneedii* (Britton & Rose) A. Berger
sneedii Britton & Rose var. *sneedii* = *Coryphantha sneedii* (Britton & Rose) A. Berger
strobiliformis (Poselger) Scheere ex Bödeker : The type of this taxon belongs to *Escobaria chihuahuensis* Britton & Rose, not known from
 NM; our plants belong to *Coryphantha tuberculosa* (Engelm) A. Berger
tuberculosa (Engelm) Britton & Rose = *Coryphantha tuberculosa* (Engelm) A. Berger
villardii Castetter, Pierce, & Schwerin = *Coryphantha sneedii* (Britton & Rose) A. Berger
vivipara (Nuttall) F. Buxbaum var. *arizonica* (Engelm) D.R. Hunt = *Coryphantha vivipara* (Nuttall) Britton & Rose
vivipara (Nuttall) F. Buxbaum var. *bisbeeana* (Orcutt) D.R. Hunt = *Coryphantha vivipara* (Nuttall) Britton & Rose
vivipara (Nuttall) F. Buxbaum var. *radiosa* (Engelm) D.R. Hunt = *Coryphantha vivipara* (Nuttall) Britton & Rose

vivipara (Nuttall) F. Buxbaum var. *neomexicana* (Engelmann) F. Buxbaum = *Coryphantha vivipara* (Nuttall) Britton & Rose
vivipara (Nuttall) F. Buxbaum = *Coryphantha vivipara* (Nuttall) Britton & Rose

Ferocactus barrel-cactus

Zimmerman, A.D. & B.D. Parfitt. 2003. *Ferocactus*, pp. 243-247. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

hamatacanthus (Muehlenpfordt) Britt & Rose var. **hamatacanthus** [Benson 1982; M&H; Zimmerman & Parfitt 2003]
turk's head

wislizeni (Engelmann) Britton & Rose [Benson 1982; M&H; W&S; Zimmerman & Parfitt 2003]

fish-hook barrel-cactus

Echinocactus wislizeni Engelmann

Glandulicactus fish-hook cactus

Zimmerman, A.D. & B.D. Parfitt. 2003. *Glandulicactus*, pp. 207-208. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

uncinatus (Galeotti) Backeberg var. **wrightii** (Engelmann) Backeberg [M&H; W&S; Zimmerman & Parfitt 2003]

Chihuahuan fish-hook cactus

Ancistrocactus uncinatus (Galeotti) L. Benson var. **wrightii** (Engelmann) L. Benson

Echinocactus uncinatus Galeotti var. **wrightii** Engelmann

Sclerocactus uncinatus (Galeotti) N.P. Taylor subsp. **wrightii** (Engelmann) N.P. Taylor

Thelocactus uncinatus (Galeotti) Marshall var. **wrightii** (Engelmann) Marshall

Grusonia club-cholla

Pinkava, D.J. 2003. *Grusonia*, pp. 118-123. IN: Flora of North America, vol. 4, pt.1. Oxford University Press, New York.

+clavata (Engelmann) H. Robinson [M&H; W&S]

club-cholla

Cylindropuntia clavata (Engelmann) F.M. Knuth

Opuntia clavata Engelmann

emoryi (Engelmann) Pinkava [M&H; W&S]

Emory's club-cholla

Opuntia emoryi Engelmann

Opuntia stanlyi Engelmann ex B.D. Jackson

grahamii (Engelmann) H. Robinson [M&H; W&S]

Graham's club-cholla

Opuntia densispina Ralston & Hilsenbeck

Opuntia grahamii Engelmann

Opuntia schottii Engelmann var. **grahamii** (Engelmann) L. Benson

Hemaloecephalus texensis (Hopffer) Britton & Rose = *Echinocactus texensis* Hopffer

Mammillaria nipple-cactus

Hunt, D.R. 1971. Schumann and Buxbaum reconciled. The Schumann system of *Mammillaria* classification brought provisionally up-to-date. *Cact. Succ. J. Gr. Brit.* 33:53-72.

Taylor, N.P. 1978. Review of the genus *Escobaria* B. & R. *Cactus & Succulent J. of Great Britain* 40(2):31-37.

Zimmerman, A.D. & B.D. Parfitt. 2003. *Mammillaria*, pp. 247-257. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

applanata Engelmann = *Mammillaria heyderi* Muehlenpfordt var. **heyderi**

arizonica Engelmann = *Coryphantha vivipara* (Nuttall) Britton & Rose

barbata Engelmann [M&H; Zimmerman & Parfitt 2003]

nipple-cactus

Mammillaria chavezii Cowper

Mammillaria orestera L. Benson

Mammillaria viridiflora (Britton & Rose) Bödeker

chavezii Cowper = *Mammillaria barbata* Engelmann

dasyacantha Engelmann = *Coryphantha dasyacantha* (Engelmann) Orcutt

grahamii Engelmann [M&H; W&S; Zimmerman & Parfitt 2003]

Graham's nipple-cactus

gummifera Engelmann var. **applanata** (Engelmann) L. Benson = *Mammillaria heyderi* Muehlenpfordt var. **heyderi**

gummifera Engelmann var. **meiacantha** (Engelmann) L. Benson = *Mammillaria meiacantha* Engelmann

heyderi Muehlenpfordt var. **heyderi** [M&H; W&S; Zimmerman & Parfitt 2003]

Heyder's nipple-cactus

Mammillaria applanata Engelmann

Mammillaria gummifera Engelmann var. **applanata** (Engelmann) L. Benson

heyderi Muehlenpfordt var. **bullingtoniana** Castetter, P. Pierce & K.H. Schwerin [Zimmerman & Parfitt 2003]

cream nipple-cactus

heyderi Muehlenpfordt var. **macdougallii** (Rose) L. Benson [= *Mammillaria macdougallii* Rose] : Known only from near Tucson, Arizona;

NM reports refer to *Mammillaria heyderi* Muehlenpfordt var. **bullingtoniana** Castetter, P. Pierce & K.H. Schwerin

heyderi Muehlenpfordt var. **meiacantha** (Engelmann) L. Benson = *Mammillaria meiacantha* Engelmann

lasiacantha Engelmann [M&H; W&S; Zimmerman & Parfitt 2003]

lacy-spine nipple-cactus

Mammillaria lasiacantha Engelmann var. **denudata** Engelmann

lasiacantha Engelmann var. **denudata** Engelmann = *Mammillaria lasiacantha* Engelmann

leei (Boedeker) Rose = *Coryphantha sneedii* (Britton & Rose) A. Berger

macromeris Engelmann = *Coryphantha macromeris* (Engelmann) Britton & Rose

meiacantha Engelmann [M&H; W&S; Zimmerman & Parfitt 2003]

little nipple-cactus

- Mammillaria gummifera* Engelm. var. *meiacantha* (Engelm.) L. Benson
Mammillaria heyderi Muehlenpfordt var. *meiacantha* (Engelm.) L. Benson
Mammillaria melanocentra Poselger var. *meiacantha* (Engelm.) Craig
melanocentra Poselger var. *meiacantha* (Engelm.) Craig = *Mammillaria meiacantha* Engelm.
micromeris Engelm. = *Epithelantha micromeris* (Engelm.) Weber ex Britton & Rose
neomexicana Engelm. = *Escobaria vivipara* (Nuttall) F. Buxbaum
oresteria Benson = *Mammillaria barbata* Engelm.
radiosa Engelm. = *Escobaria vivipara* (Nuttall) F. Buxbaum
scheerii Muehlenpfordt = *Coryphantha robustispina* (Schott ex Engelm.) Britton & Rose
scheerii Muehlenpfordt var. *valida* Engelm. = *Coryphantha robustispina* (Schott ex Engelm.) Britton & Rose
tuberculosa Engelm. = *Coryphantha tuberculosa* (Engelm.) A. Berger
viridiflora (Britton & Rose) Bödeker = *Mammillaria barbata* Engelm.
vivipara (Nuttall) Haworth = *Coryphantha vivipara* (Nuttall) Britton & Rose
vivipara (Nuttall) Haworth var. *neomexicana* (Engelm.) Engelm. = *Coryphantha vivipara* (Nuttall) Britton & Rose
wrightii Engelm. var. ***wilcoxii*** (Toumey ex Schumann) Marshall [Benson 1982; Zimmerman & Parfitt 2003]

Wilcox's nipple-cactus

- wrightii*** Engelm. var. ***wrightii*** [Benson 1982; M&H; W&S; Zimmerman & Parfitt 2003]

Wright's nipple-cactus

- Neobessya missouriensis* (Sweet) Britton & Rose = *Escobaria missouriensis* (Sweet) D.R. Hunt
Neolloydia intertexta (Engelm.) L. Benson var. *dasyacantha* (Engelm.) L. Benson = *Echinomastus intertextus* (Engelm.) Britton & Rose
var. *dasyacantha* (Engelm.) Backeberg
intertexta (Engelm.) L. Benson = *Echinomastus intertextus* (Engelm.) Britton & Rose var. *intertextus*

Opuntia prickly-pear

- Denham, R.A. 1996. New plant distribution records. *The New Mexico Botanist* 4:6. [*Opuntia chihuahuensis*]
Ferguson, D.J. 1987. *Opuntia cymochila* Eng. & Bigelow: A species lost in the shuffle. *Cactus & Succulent J. (U.S.)* 59:256-260.
Ferguson, D.J. 1988. *Opuntia macrocentra* Eng. and *Opuntia chlorotica* Eng. & Big. *Cactus and Succulent Journal (U.S.)* 60(3):155-160.
Grant, V. & K.A. Grant. 1979. Systematics of the *Opuntia phaeacantha* group in Texas. *Bot. Gaz (Crawfordsville)* 140:199-207.
Leuenberger, B.E. 1971. Interpretation and typification of *Cactus ficus-indica* Linnaeus and *Opuntia ficus-indica* (Linnaeus) Miller (Cactaceae). *Taxon* 40:621-627.
Parfitt, B.D. 1998. New nomenclatural combinations in the *Opuntia polyacantha* complex. *Cactus & Succulent J. (U.S.)* 70(4):188.
Parfitt, B.D. and D.J. Pinkava. 1988. Nomenclatural and systematic reassessment of *Opuntia engelmannii* and *O. lindheimeri* (Cactaceae). *Madroño* 35(4):342-349.
Pinkava, D.J. 2003. *Opuntia*, pp. 123-148. IN: *Flora of North America*, vol. 4, pt. 1. Oxford University Press, New York.
Pinkava, D.J. and B.D. Parfitt. 1988. Nomenclatural changes in Chihuahuan Desert *Opuntia* (Cactaceae). *Sida* 13(2):125-130.
Sivinski, R. and K. Lightfoot, eds. 1994. Inventory of rare and endangered plants of New Mexico. New Mexico Forestry and Resources Conservation Division, Misc. Publ. No. 3. [*Opuntia valida*]

- arborescens* Engelm. in Wislizenus = *Cylindropuntia imbricata* (Haworth) F.M. Knuth
arenaria Engelm. = *Opuntia polyacantha* Haworth var. *arenaria* (Engelm.) Parfitt
brachyarthra Engelm. & Bigelow = *Opuntia fragilis* Nuttall
camanchica Engelm. & Bigelow = *Opuntia phaeacantha* Engelm.
chihuahuensis Rose = *Opuntia camanchica* Engelm. & Bigelow
chlorotica Engelm. & Bigelow [M&H; W&S]

clock-face prickly-pear

- chlorotica* Engelm. & Bigelow var. *santa-rita* Griffiths & Hare = *Opuntia santa-rita* (Griffiths & Hare) Rose
clavata Engelm. = *Grusonia clavata* (Engelm.) H. Robinson
confusa Griffiths : D. Ferguson (pers. comm. 1999) reports that there are populations corresponding to this taxon in Doña Ana Co.; awaits verification and documentation.

- cyclodes* (Engelm. & Bigelow) Rose = *Opuntia phaeacantha* Engelm.
cymochila Engelm. & Bigelow = *Opuntia tortispina* Engelm. & J.M. Bigelow
cymochila Engelm. var. *montana* Engelm. & Bigelow = *Opuntia pottsii* Salm-Dyck
davisii Engelm. & Bigelow = *Cylindropuntia davisii* (Engelm. & Bigelow) F.M. Knuth
densispina Ralston & Hilsenbeck = *Grusonia grahamii* (Engelm.) H. Robinson
dillei Griffiths = *Opuntia engelmannii* Salm-Dyck ex Engelm.
discata Griffiths = *Opuntia engelmannii* Salm-Dyck ex Engelm.
dulcis Engelm. = *Opuntia phaeacantha* Engelm.
emoryi Engelm. = *Grusonia emoryi* (Engelm.) Pinkava
engelmannii Salm-Dyck ex Engelm. var. ***engelmannii*** [M&H; W&S]

Engelmann's prickly-pear, cactus-apple

- Opuntia discata* Griffiths
Opuntia dillei Griffiths
Opuntia microcarpa Engelm. ex B.D. Jackson
Opuntia phaeacantha Engelm. var. *discata* (Griffiths) Benson
Opuntia riparia Griffiths
Opuntia tardospina Griffiths
Opuntia valida Griffiths

- engelmannii*** Salm-Dyck ex Engelm. var. ***lindheimeri*** (Engelm.) Parfitt & Pinkava [Benson 1982; M&H; W&S] Note:
Perhaps only known as a rare escape in NM.

Engelmann's prickly-pear

- Opuntia lindheimeri* Engelm.
erinacea Engelm. & Bigelow ex Engelm. = *Opuntia polyacantha* Haworth var. *erinacea* (Engelm. & Bigelow) Parfitt

erinacea Engelmann & Bigelow ex Engelmann var. *hystricina* (Engelmann & Bigelow) L. Benson = *Opuntia polyacantha* Haworth var. *hystricina* (Engelmann & Bigelow) Parfitt

erinacea Engelmann & Bigelow var. *utahensis* (Engelmann) L. Benson : Reported by Benson (1982) and M&H, but not known to occur in NM (Ferguson, pers. comm. 1997; Parfitt, pers. comm. 1999)

Opuntia sphaerocarpa Engelmann & Bigelow var. *utahensis* Engelmann

****ficus-indica*** (Linnaeus) Miller [Benson 1982]. Note: Benson (1982) cites one specimen from southern NM, but Ferguson (pers. comm. 1994) and Parfitt (pers. comm. 1999) maintain that this species is not known outside of cultivation in NM; perhaps warrants verification.

Indian-fig

filipendula Engelmann = *Opuntia pottsii* Salm-Dyck

fragilis Nuttall var. *brachyarthra* (Engelmann & Bigelow) Coulter = *Opuntia fragilis* Nuttall

fragilis Nuttall [Benson 1982; M&H; W&S]

pygmy prickly-pear

Opuntia brachyarthra Engelmann & Bigelow

Opuntia fragilis Nuttall var. *brachyarthra* (Engelmann & Bigelow) Coulter

fulgida Engelmann var. *mamillata* (Schott) Coulter = *Cylindropuntia fulgida* (Engelmann) F.M. Knuth

grahamii Engelmann = *Grusonia grahamii* (Engelmann) H. Robinson

×*gilvescens* Griffiths (a hybrid of various phases of *Opuntia phaeacantha*) = *Opuntia phaeacantha* Engelmann

gregoriana Griffiths = *Opuntia phaeacantha* Engelmann

hystricina Engelmann & Bigelow = *Opuntia polyacantha* Haworth var. *hystricina* (Engelmann & Bigelow) Parfitt

imbricata (Haworth) A.P. de Candolle = *Cylindropuntia imbricata* (Haworth) F.M. Knuth

kleiniae A.P. de Candolle = *Cylindropuntia kleiniae* (A.P. de Candolle) F.M. Knuth

kunzei Rose : Not occurring in NM; plants referred to this by M&H and W&S belong to *Grusonia emoryi* (Engelmann) Pinkava (Parfitt, pers. comm. 1999)

leptocaulis A.P. de Candolle = *Cylindropuntia leptocaulis* (A.P. de Candolle) F.M. Knuth

lindheimeri Engelmann = *Opuntia englemannii* Salm-Dyck ex Engelmann var. *lindheimeri* (Engelmann) Parfitt & Pinkava

mackensenii Rose = *Opuntia tirtuspina* Engelmann & J.M. Bigelow

macrocentra Engelmann [M&H; W&S]

purple prickly-pear

Opuntia violacea Engelmann ex B.D. Jackson

Opuntia violacea Engelmann var. *castetteri* L. Benson

Opuntia violacea Engelmann var. *macrocentra* (Engelmann) L. Benson

macrorhiza Engelmann [M&H; W&S]

western prickly-pear

Opuntia plumbea Rose

Opuntia stenochila Engelmann

macrorhiza Engelmann var. *pottsii* (Salm-Dyck) L. Benson = *Opuntia pottsii* Salm-Dyck

microcarpa Engelmann ex B.D. Jackson = *Opuntia englemannii* Salm-Dyck ex Engelmann

phaeacantha Engelmann var. *camanchica* (Engelmann & Bigelow) L. Benson = *Opuntia camanchica* Engelmann & Bigelow

phaeacantha Engelmann var. *discata* Engelmann = *Opuntia englemannii* Salm-Dyck ex Engelmann

phaeacantha Engelmann var. *major* Engelmann = *Opuntia phaeacantha* Engelmann

phaeacantha Engelmann [M&H; W&S]

plains prickly-pear

Opuntia camanchica Engelmann & Bigelow

Opuntia chihuahuensis Rose

Opuntia cyclodes (Engelmann & Bigelow) Rose

Opuntia dulcis Engelmann

Opuntia gilvescens Griffiths

Opuntia gregoriana Griffiths

Opuntia phaeacantha Engelmann var. *camanchica* (Engelmann & Bigelow) L. Benson

Opuntia phaeacantha Engelmann var. *major* Engelmann

Opuntia phaeacantha Engelmann var. *wootonii* (Griffiths) L. Benson

Opuntia toumeyi Rose

Opuntia zuniensis Griffiths

Opuntia wootonii Griffiths

phaeacantha Engelmann var. *wootonii* (Griffiths) L. Benson = *Opuntia wootonii* Griffiths

plumbea Rose = *Opuntia macrorhiza* Engelmann

polyacantha Haworth var. ***arenaria*** (Engelmann) Parfitt [M&H; W&S]

starvation prickly-pear

Opuntia arenaria Engelmann

polyacantha Haworth var. *erinacea* (Engelmann & Bigelow) Parfitt : Reported by Benson (1982) and M&H, but known from western Arizona and Utah and westward (Pinkava 2003).

Opuntia erinacea Engelmann & Bigelow

polyacantha Haworth var. ***hystricina*** (Engelmann & Bigelow) Parfitt [M&H; W&S]

starvation prickly-pear

Opuntia erinacea Engelmann & Bigelow ex Engelmann var. *hystricina* (Engelmann & Bigelow) L. Benson

Opuntia hystricina Engelmann & Bigelow

polyacantha Haworth var. *juniperina* (Engelmann) L. Benson = *Opuntia polyacantha* Haworth var. *polyacantha*

polyacantha Haworth var. **polyacantha** [M&H; W&S]

starvation prickly-pear

Opuntia polyacantha Haworth var. *juniperina* (Engelmann) L. Benson

Opuntia polyacantha Haworth var. *rufispina* (Engelmann & Bigelow ex Engelmann) L. Benson

Opuntia polyacantha Haworth var. *schweriniana* (K. Schumann) Backeberg

Opuntia polyacantha Haworth var. *trichophora* (Engelmann & Bigelow) Coulter

Opuntia sphaerocarpa Engelmann & Bigelow

Opuntia trichophora Britton & Rose

polyacantha Haworth var. *schweriniana* (K. Schumann) Backeberg = *Opuntia polyacantha* Haworth var. *polyacantha*

polyacantha Haworth var. *rufispina* (Engelmann & Bigelow ex Engelmann) L. Benson = *Opuntia polyacantha* Haworth var. *polyacantha*

polyacantha Haworth var. *trichophora* (Engelmann & Bigelow) Coulter = *Opuntia polyacantha* Haworth var. *polyacantha*

pottsii Salm-Dyck [M&H; W&S]

Potts's prickly-pear

Opuntia cymochila Engelmann var. *montana* Engelmann & Bigelow

Opuntia filipendula Engelmann

Opuntia macrorhiza Engelmann var. *pottsii* (Salm-Dyck) L. Benson

Opuntia pottsii Salm-Dyck var. *montana* (Engelmann & Bigelow) Bulot

Opuntia tenuispina Engelmann

pottsii Salm-Dyck var. *montana* (Engelmann & Bigelow) Bulot = *Opuntia pottsii* Salm-Dyck

riparia Griffiths = *Opuntia engelmannii* Salm-Dyck ex Engelmann var. *engelmannii*

santa-rita (Griffiths & Hare) Rose : Reported by M&H and W&S, but Pinkava (2003) questions its occurrence in NM, referring material to

Opuntia macrocentra Engelmann; requires verification.

Opuntia chlorotica Engelmann & Bigelow var. *santa-rita* Griffiths & Hare

Opuntia violacea Engelmann var. *santa-rita* (Griffiths & Hare) L. Benson

schottii Engelmann var. *grahamii* (Engelmann) L. Benson = *Grusonia grahamii* (Engelmann) H. Robinson

sphaerocarpa Engelmann & Bigelow = *Opuntia polyacantha* Haworth var. *polyacantha*

sphaerocarpa Engelmann & Bigelow var. *utahensis* Engelmann = *Opuntia erinacea* Engelmann & Bigelow var. *utahensis* (Engelmann) L.

Benson

spiniosior (Engelmann) Toumey = *Cylindropuntia spiniosior* (Engelmann) F.M. Knuth

stanlyi Engelmann ex B.D. Jackson = *Grusonia emoryi* (Engelmann) Pinkava

stenochila Engelmann = *Opuntia macrorhiza* Engelmann

tardospina Griffiths = *Opuntia engelmannii* Salm-Dyck ex Engelmann var. *engelmannii*

tenuispina Engelmann = *Opuntia pottsii* Salm-Dyck

torispina Engelmann & Bigelow [Ferguson 1987; Pinkava 2003; W&S]

twisted-spine prickly-pear

Opuntia cymochila Engelmann & J.M. Bigelow

Opuntia mackensenii Rose

toumeyi Rose = *Opuntia phaeacantha* Engelmann

trichophora Britton & Rose = *Opuntia polyacantha* Haworth var. *polyacantha*

tunicata (Lehmann) Link & Otto var. *davisii* (Engelmann & Bigelow) L. Benson = *Cylindropuntia davisii* (Engelmann & Bigelow) F.M.

Knuth

valida Griffiths = *Opuntia engelmannii* Salm-Dyck ex Engelmann

versicolor Engelmann ex Coulter = *Cylindropuntia versicolor* (Engelmann ex Coulter) Knuth

violacea Engelmann ex B.D. Jackson = *Opuntia macrocentra* Engelmann

violacea Engelmann var. *castetteri* L. Benson = *Opuntia macrocentra* Engelmann

violacea Engelmann var. *macrocentra* (Engelmann) L. Benson = *Opuntia macrocentra* Engelmann

violacea Engelmann var. *santa-rita* (Griffiths & Hare) L. Benson = *Opuntia santa-rita* (Griffiths & Hare) Rose

viridiflora Britton & Rose = *Cylindropuntia viridiflora* (Britton & Rose) F.M. Knuth

whipplei Engelmann & Bigelow var. *viridiflora* (Britton & Rose) L. Benson = *Cylindropuntia viridiflora* (Britton & Rose) F.M. Knuth

whipplei Engelmann & Bigelow var. *whipplei* = *Cylindropuntia whipplei* (Engelmann & Bigelow) F.M. Knuth

wootonii Griffiths = *Opuntia phaeacantha* Engelmann

zuniensis Griffiths = *Opuntia phaeacantha* Engelmann

Pediocactus pincushion-cactus

Heil, K., B. Armstrong, & D. Schleser. 1981. A review of the genus *Pediocactus*. *Cactus & Succulent J.* (U.S.A.) 53:17-39.

Heil, K.D. & J.M. Porter. 2003. *Pediocactus*, pp. 211-216. IN: *Flora of North America*, vol. 4, pt. 1. Oxford University Press, New York.

knowltonii L. Benson [Heil & Porter 2003; M&H]

Knowlton's pincushion-cactus

papyracanthus (Engelmann) L. Benson = *Sclerocactus papyracanthus* (Engelmann) N.P. Taylor

knowltonii L. Benson var. *papyracanthus* (Engelmann) L. Benson = *Sclerocactus papyracanthus* (Engelmann) N.P. Taylor

simpsonii (Engelmann) Britton & Rose var. *minor* (Engelmann) Cockerell = *Pediocactus simpsonii* (Engelmann) Britton & Rose

simpsonii (Engelmann) Britton & Rose [Heil & Porter 2003; M&H]

snowball cactus

Echinocactus simpsonii Engelmann var. *minor* Engelmann

Peniocereus cereus

greggii (Engelmann) Britton & Rose var. **greggii** [M&H; W&S]

night-blooming cereus

Cereus greggii Engelmann

Cereus greggii Engelmann var. *transmontanus* Engelmann

greggii (Engelmann) Britton & Rose var. transmontanus (Engelmann) Backeberg : Reported by M&H as probably occurring in Hidalgo County; awaits verification.

Sclerocactus fish-hook cactus

Castetter, E.F., P. Pierce, and K.H. Schwerin. 1976. A new cactus species and two new varieties from New Mexico. *Cactus & Succulent J.* 48:77-81. [*Sclerocactus whipplei* var. *heilii* and var. *reevesii*]

Heil, K.D. & J.M. Porter. 1994. *Sclerocactus* (Cactaceae): A revision. *Haseltonia* 2:20-46.

Heil, K.D. & J.M. Porter. 2003. *Sclerocactus*, pp. 197-207. IN: *Flora of North America*, vol. 4, pt. 1. Oxford University Press, New York.

Sivinski, R. & K. Lightfoot. 1994. Status summary for the grama grass cactus (*Toumeyia papyracantha*). U.S. Fish and Wildlife Service, Albuquerque, NM.

+**cloveriae** Heil & Porter subsp. **brackii** Heil & Porter [Heil & Porter 1994]

Brack's fish-hook cactus

cloveriae Heil & Porter subsp. **cloveriae** [Castetter et al. 1976; Heil & Porter 1994; M&H]

New Mexico fish-hook cactus

Sclerocactus whipplei (Engelmann & Bigelow) Britton & Rose var. *heilii* Castetter, Pierce & Schwerin

Sclerocactus whipplei (Engelmann & Bigelow) Britton & Rose var. *reevesii* Castetter, Pierce & Schwerin

intermedius Peebles = *Sclerocactus parviflorus* Clover & Jotter subsp. *intermedius* (Peebles) Heil & Porter

mesa-verdae (Boissevain & C. Davidson) L. Benson [Heil & Porter 1994; M&H]

Mesa Verde fish-hook cactus

Coloradoa mesa-verdae Boissevain & C. Davidson

Echinocactus mesa-verdae (Boissevain & C. Davidson) L. Benson

papyracanthus (Engelmann) N.P. Taylor [M&H; Sivinski & Lightfoot 1994; W&S]

paper-spine fish-hook cactus

Echinocactus papyracanthus Engelmann

Pediocactus knowltonii L. Benson var. *papyracanthus* (Engelmann) L. Benson

Pediocactus papyracanthus (Engelmann) L.D. Benson

Toumeyia papyracantha (Engelmann) Britton & Rose

parviflorus Clover & Jotter var. *intermedius* (Peebles) Woodruff & Benson = *Sclerocactus parviflorus* Clover & Jotter subsp. *intermedius* (Peebles) Heil & Porter

parviflorus Clover & Jotter subsp. **intermedius** (Peebles) Heil & Porter [Heil & Porter 1994; M&H]

small-flower fish-hook cactus

Sclerocactus intermedius Peebles

Sclerocactus parviflorus Clover & Jotter var. *intermedius* (Peebles) Woodruff & Benson

Sclerocactus whipplei (Engelmann & Bigelow) Britton & Rose var. *intermedius* (Peebles) L. Benson

uncinatus (Galeotti) N.P. Taylor subsp. *wrightii* (Engelmann) N.P. Taylor = *Glandulicactus uncinatus* (Galeotti) Backeberg var. *wrightii* (Engelmann) Backeberg

whipplei (Engelmann & Bigelow) Britton & Rose var. *heilii* Castetter, Pierce & Schwerin = *Sclerocactus cloveriae* Heil & Porter subsp. *cloveriae*

whipplei (Engelmann & Bigelow) Britton & Rose var. *intermedius* (Peebles) L. Benson = *Sclerocactus parviflorus* Clover & Jotter subsp. *intermedius* (Peebles) Heil & Porter

whipplei (Engelmann & Bigelow) Britton & Rose var. *reevesii* Castetter, Pierce & Schwerin = *Sclerocactus cloveriae* Heil & Porter subsp. *cloveriae*

whipplei (Engelmann & Bigelow) Britton & Rose var. *roseus* (Clover) L. Benson [= *Sclerocactus parviflorus* Clover & Jotter subsp. *parviflorus*] : Reported by M&H, but not yet known in NM (Benson 1982; Heil & Porter 1994).

Thelocactus uncinatus (Galeotti) L. Benson var. *wrightii* (Engelmann) L. Benson = *Glandulicactus uncinatus* (Galeotti) Backeberg var. *wrightii* (Engelmann) Backeberg

Toumeyia papyracantha (Engelmann) Britton & Rose = *Sclerocactus papyracanthus* (Engelmann) N.P. Taylor

Family CAESALPINIACEAE = FABACEAE

Family CALLITRICHACEAE

Ricketson, J. 1995. Callitrichaceae. *J. Ariz.-Nev. Acad. Sci.* 29(1):15-16.

Callitriche water-starwort

autumnalis Linnaeus = *Callitriche hermaphroditica* Linnaeus

hermaphroditica Linnaeus

autumn water-starwort

Callitriche autumnalis Linnaeus

heterophylla Pursh

greater water-starwort

palustris Linnaeus

vernal water-starwort

Callitriche verna Linnaeus

verna Linnaeus = *Callitriche palustris* Linnaeus

Family CAMPANULACEAE

[Lobeliaceae]

Campanula bellflower

Great Plains Flora Association. 1977. *Atlas of the Flora of the Great Plains*. Iowa State Univ. Press. 600 pp. [*Campanula rapunculoides*]

Peterson, R.S. 2000. New plant distribution records. *The New Mexico Botanist* 15:7. [*Campanula rapunculoides*]

parryi Gray [M&H; W&S]

- Parry's bellflower
petiolata A. A.P. de Candolle = *Campanula rotundifolia* Linnaeus
 **rapunculoides* Linnaeus [Great Plains Flora Association 1977; Peterson 2000]
 creeping bellflower
rotundifolia Linnaeus [M&H; W&S]
 bluebells-of-Scotland
Campanula petiolata A. A.P. de Candolle
uniflora Linnaeus [M&H]
 arctic bellflower
- Lobelia** lobelia
 Thompson, S.W. & T.G. Lammers. 1997. Phenetic analysis of morphological variation in the *Lobelia cardinalis* complex (Campanulaceae: Lobelioideae). Syst. Bot. 22(2):315-332.
anatina Wimmer
 Apache lobelia
cardinalis Linnaeus
 cardinal-flower
Lobelia cardinalis Linnaeus subsp. *graminea* (Lamarck) McVaugh
Lobelia splendens Willdenow
cardinalis Linnaeus subsp. *graminea* (Lamarck) McVaugh = *Lobelia cardinalis* Linnaeus
fenestralis Cavanilles
 fringeleaf lobelia
splendens Willdenow = *Lobelia cardinalis* Linnaeus
- Nemacladus** threadplant
 Ward, D. & R. Spellenberg. 1981. Noteworthy collections (New Mexico). Madroño 28:185-186. [*Nemacladus glanduliferus orientalis*]
glanduliferus Jepson var. *orientalis* McVaugh [Ward & Spellenberg 1981]
 glandular threadplant
- Speculariaholzingeri* (McVaugh) Fernald = *Triodanisholzingeri* McVaugh
perfoliata (Linnaeus) A. A.P. de Candolle = *Triodanisperfoliata* (Linnaeus) Nieuwland var. *perfoliata*
- Triodanis** Venus's-looking-glass
 Bradley, T.R. 1975. Hybridization between *Triodanisperfoliata* and *Triodanisbiflora* (Campanulaceae). Brittonia 27:110-114.
biflora (Ruiz & Pavon) Greene = *Triodanisperfoliata* (Linnaeus) Nieuwland var. *biflora* (Ruiz & Pavon) Bradley
holzingeri McVaugh : Reported as expected by M&H map. Weber & Wittmann (2001) consider this to be hybrids between T. *perfoliata* × T. *leptocarpa*.
Speculariaholzingeri (McVaugh) Fernald
perfoliata (Linnaeus) Nieuwland var. *perfoliata* [M&H; W&S]
 Venus's-looking-glass
Speculariaperfoliata (Linnaeus) A. A.P. de Candolle
perfoliata (Linnaeus) Nieuwland var. *biflora* (Ruiz & Pavon) Bradley [Spellenberg et al. 1986]
 small Venus's-looking-glass
Speculariabiflora (Ruiz & Pavon) Fischer & Meyer
Triodanisbiflora (Ruiz & Pavon) Greene

Family CANNABACEAE

- Cannabis** hemp
 Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Cannabis sativa*]
 Small, E. & A. Cronquist. 1976. A practical and natural taxonomy for *Cannabis*. Taxon 25(4):405-435.
 Small, E., P.Y. Jul, & L.P. Lefkovich. 1976. A numerical taxonomic analysis of *Cannabis* with special reference to species delimitation. Syst. Bot. 1:67-84.
 **sativa* Linnaeus var. *sativa* [Allred 1999]
 hemp, marijuana
- Humulus** hop
 Small, E. 1978. A numerical and nomenclatural analysis of morpho-geographic taxa of *Humulus*. Syst. Bot. 3(1):37-76.
americanus of NM works = *Humulus lupulus* Linnaeus var. *neomexicanus* Nelson & Cockerell
lupulus Linnaeus var. *neomexicanus* Nelson & Cockerell [M&H; Small 1978; W&S]
 New Mexico hop
Humulus neomexicanus (Nelson & Cockerell) Rydberg
Humulus americanus of NM works
neomexicanus (Nelson & Cockerell) Rydberg = *Humulus lupulus* Linnaeus var. *neomexicanus* Nelson & Cockerell

Family CAPPARACEAE = CLEOMACEAE

Family CAPRIFOLIACEAE

- Distegia involucrata* (Richardson) Rafinesque = *Lonicera involucrata* (Richardson) Banks
- Linnaea** twin-flower
americana Forbes = *Linnaea borealis* Linnaeus var. *americana* (Forbes) Rehder
borealis Linnaeus subsp. *americana* (Forbes) Hultén ex Clausen = *Linnaea borealis* Linnaeus var. *longiflora* Torrey
borealis Linnaeus var. *americana* (Forbes) Rehder = *Linnaea borealis* Linnaeus var. *longiflora* Torrey
borealis Linnaeus var. *longiflora* Torrey [W&S]

American twin-flower

Linnaea americana Forbes

Linnaea borealis Linnaeus subsp. *americana* (Forbes) Hultén ex Clausen

Linnaea borealis Linnaeus var. *americana* (Forbes) Rehder

Lonicera honeysuckle

Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4. [*L. tatarica*]

Peterson, R.S. 2000. New plant distribution records. The New Mexico Botanist 15:7. [*Lonicera bella*]

albiflora Torrey & Gray [W&S]

white honeysuckle

Lonicera dumosa Gray

Lonicera albiflora Torrey & Gray var. *dumosa* (Gray) Rehder

albiflora Torrey & Gray var. *dumosa* (Gray) Rehder = *Lonicera albiflora* Torrey & Gray

arizonica Rehder [W&S]

Arizona honeysuckle

***bella** Zabel [Peterson 2000]

Belle's honeysuckle

dumosa Gray = *Lonicera albiflora* Torrey & Gray

involutrata (Richardson) Banks ex Sprengel [W&S]

four-line honeysuckle

Distegia involutrata (Richardson) Rafinesque

***japonica** Thunberg

Japanese honeysuckle

***tatarica** Linnaeus [Heil et al. 2002]

twin-sisters

utahensis S. Watson [W&S]

Rocky Mountain honeysuckle

Xylosteon utahense (S. Watson) Howell

Sambucus elderberry

Cronquist, A. & A.H. Holmgren. 1984. *Sambucus*, pp. 542-544. IN: Intermountain Flora, vol. 4. New York Botanical Garden.

canadensis Linnaeus var. *mexicana* (Presl) Sargent = *Sambucus coerulea* Rafinesque var. *mexicana* (K. Presl ex A.P. de Candolle) L.

Benson

coerulea Rafinesque var. **mexicana** (K. Presl ex A.P. de Candolle) L. Benson [M&H; W&S]

Mexican elderberry

Sambucus canadensis Linnaeus var. *mexicana* (Presl) Sargent

Sambucus glauca Nuttall var. *arizonica* Sargent

Sambucus mexicana Presl

coerulea Rafinesque var. **neomexicana** (Wooton) Rehder [M&H; W&S]

New Mexico elderberry

Sambucus glauca Nuttall var. *neomexicana* A. Nelson

Sambucus neomexicana Wooton

Sambucus neomexicana Wooton var. *vestita* (Wooton & Standley) Kearney & Peebles

Sambucus vestita Wooton & Standley

glauca Nuttall var. *arizonica* Sargent = *Sambucus coerulea* Rafinesque var. *mexicana* (K. Presl ex A.P. de Candolle) L. Benson

glauca Nuttall var. *neomexicana* A. Nelson = *Sambucus coerulea* Rafinesque var. *neomexicana* (Wooton) Rehder

melanocarpa Gray = *Sambucus racemosa* Linnaeus var. *melanocarpa* (Gray) McMinn

mexicana Presl = *Sambucus coerulea* Rafinesque var. *mexicana* (K. Presl ex A.P. de Candolle) L. Benson

microbotrys Rydberg = *Sambucus racemosa* Linnaeus var. *microbotrys* (Rydberg) Kearney & Peebles

neomexicana Wooton = *Sambucus coerulea* Rafinesque var. *neomexicana* (Wooton) Rehder

neomexicana Wooton var. *vestita* (Wooton & Standley) Kearney & Peebles = *Sambucus coerulea* Rafinesque var. *neomexicana* (Wooton)

Rehder

pubens of NM authors = *Sambucus racemosa* Linnaeus var. *melanocarpa* (Gray) McMinn

racemosa Linnaeus var. **melanocarpa** (Gray) McMinn [M&H; W&S]

red elderberry

Sambucus melanocarpa Gray

racemosa Linnaeus var. **microbotrys** (Rydberg) Kearney & Peebles [W&S]

red elderberry

Sambucus microbotrys Rydberg

vestita Wooton & Standley = *Sambucus coerulea* Rafinesque var. *neomexicana* (Wooton) Rehder

Symphoricarpos snowberry

Allred, K.W. 2005. A synopsis of *Symphoricarpos* (Caprifoliaceae) in New Mexico. The New Mexico Botanist 33:5-6.

Jones, G.N. 1940. A monograph of the genus *Symphoricarpos*. J. Arnold Arbor. 21:203-252.

albus (Linnaeus) Blake [Allred 2005; M&H; W&S]

common snowberry

Symphoricarpos albus (Linnaeus) Blake var. *pauciflorus* (Robbins ex Gray) Blake

Symphoricarpos pauciflorus Robbins ex Gray

Symphoricarpos racemosus Michaux var. *pauciflorus* Robbins

albus (Linnaeus) Blake var. *pauciflorus* (Robbins ex Gray) Blake = *Symphoricarpos albus* (Linnaeus) Blake

longiflorus Gray [Allred 2005; M&H]

desert snowberry

microphyllus Kunth : Reported by Jones (1940), based on a Wooton specimen from Valencia County. The specimen is referred to *Symphoricarpos rotundifolius* (*utahensis* phase) (Allred 2005).

occidentalis Hooker [Allred 2005; M&H]

western snowberry

oreophilus Gray = *Symphoricarpos rotundifolius* Gray

oreophilus Gray var. *utahensis* (Rydberg) A. Nelson = *Symphoricarpos rotundifolius* Gray

palmeri G.N. Jones = *Symphoricarpos rotundifolius* Gray

pauciflorus (Robbins) Britton = *Symphoricarpos albus* (Linnaeus) Blake

racemosus Michaux var. *pauciflorus* Robbins = *Symphoricarpos albus* (Linnaeus) Blake

rotundifolius Gray [Allred 2005; M&H; W&S]

round-leaf snowberry

Symphoricarpos oreophilus Gray

Symphoricarpos oreophilus Gray var. *utahensis* (Rydberg) A. Nelson

Symphoricarpos palmeri G.N. Jones

Symphoricarpos utahensis Rydberg

utahensis Rydberg = *Symphoricarpos rotundifolius* Gray

Viburnum opulus Linnaeus var. *americanum* Aiton : Kartesz (1999) questionably reports this species; its occurrence in NM seems unlikely based on its known distribution.

Xylosteon utahense (S. Watson) Howell = *Lonicera utahensis* S. Watson

Family CARYOPHYLLACEAE

[Corrigiolaceae, Silenaceae]

Rabeler, R.K. & R.L. Hartman (eds.). 2005. Caryophyllaceae, p. 3-215. IN: Flora of North America, vol. 5, pt. 2. Oxford University Press, New York

Agrostemma corncockle

***githago** Linnaeus [M&H; W&S]

corncockle

Alsinopsis obtusiloba Rydberg = *Minuartia obtusiloba* (Rydberg) House

propinqua (Richardson) Rydberg = *Minuartia rubella* (Wahlenberg) Grabner

Alsine baicalensis Coville = *Stellaria umbellata* Turczaninow

curtisii Ryberg = *Pseudostellaria jamesiana* (Torrey) W.A. Weber & R.L. Hartman

cuspidata (Willdenow) Wooton & Standley = *Stellaria cuspidata* Willdenow

jamesiana (Torrey) Heller = *Pseudostellaria jamesiana* (Torrey) Weber & Hartman

laeta (Richardson) Rydberg = *Stellaria longipes* Goldie

longifolia (Muhlenberg) Britton = *Stellaria longifolia* Muhlenberg

longipes (Goldie) Coville = *Stellaria longipes* Goldie var. *longipes*

media Linnaeus = *Stellaria media* (Linnaeus) Cyrillo

Arenaria sandwort

Hartman, R.L. & R.K. Rabeler. 2004. New combinations in North America *Eremogone* (Caryophyllaceae). *Sida* 29(1):237-241.

Maguire, B. 1951. Studies in the Caryophyllaceae -- V. *Arenaria* in America north of Mexico. [*Arenaria benthamii*]

aculeata S. Watson = *Eremogone aculeata* (S. Watson) Ikonnikov

aequicalis A. Nelson = *Minuartia rubella* (Wahlenberg) Grabner

benthamii Fenzl ex Torrey & Gray [Maguire 1951]

hilly sandwort

confusa Rydberg = *Spergulastrum lanuginosum* Michaux subsp. *saxosum* (Gray) Weber

congesta Nuttall ex Torrey & Gray var. *aculeata* M.E. Jones = *Eremogone aculeata* (S. Watson) Ikonnikov

eastwoodiae Rydberg = *Eremogone eastwoodiae* (Rydberg) Ikonnikov

eastwoodiae Rydberg var. *adenophora* Kearney & Peebles = *Eremogone eastwoodiae* (Rydberg) Ikonnikov var. *adenophora* (Kearney &

Peebles) Hartman & Rabeler

fendleri Gray var. *brevifolia* (Maguire) Maguire = *Eremogone fendleri* (Gray) Ikonnikov

fendleri Gray var. *eastwoodiae* (Rydberg) Harrington = *Eremogone eastwoodiae* (Rydberg) Ikonnikov var. *eastwoodiae*

fendleri Gray var. *fendleri* = *Eremogone fendleri* (Gray) Ikonnikov

fendleri Gray var. *weedyi* (Rydberg) Maguire = *Eremogone fendleri* (Gray) Ikonnikov

hookeri Nuttall ex Torrey & Gray = *Eremogone hookeri* (Nuttall ex Torrey & Gray) W.A. Weber

lanuginosa (Michaux) Rohrbach subsp. *saxosa* (Gray) Maguire = *Spergulastrum lanuginosum* Michaux subsp. *saxosum* (Gray) Weber

lateriflora Linnaeus = *Moehringia lateriflora* (Linnaeus) Fenzl

macrophylla Hooker = *Moehringia macrophylla* (Hooker) Torrey

mearnsii Wooton & Standley = *Spergulastrum lanuginosum* Michaux subsp. *saxosum* (Gray) Weber

obtusiloba (Rydberg) Fernald = *Minuartia obtusiloba* (Rydberg) House

polycaulos Rydberg = *Spergulastrum lanuginosum* Michaux subsp. *saxosum* (Gray) Weber

rubella (Wahlenberg) J.E. Smith = *Minuartia rubella* (Wahlenberg) Grabner

rubra Linnaeus = *Spergularia rubra* (Linnaeus) Presl

sajanensis auct., non Willdenow = *Minuartia obtusiloba* (Rydberg) House

saxosa Gray var. *cinerascens* Robinson = *Spergulastrum lanuginosum* Michaux subsp. *saxosum* (Gray) Weber

saxosa Gray var. *mearnsii* (Wooton & Standley) Kearny & Peebles = *Spergulastrum lanuginosum* Michaux subsp. *saxosum* (Gray) Weber

saxosa Gray var. *saxosa* = *Spergulastrum lanuginosum* Michaux subsp. *saxosum* (Gray) Weber

**serpyllifolia* Linnaeus [M&H]

thyme-leaf sandwort

stricta Michaux subsp. *texana* (Robinson) Maguire = *Minuartia michauxii* (Frenzl) Farwell var. *texana* (Robinson) Mattfield

Cerastium chickweed

Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Cerastium glomeratum* as *C. viscosum*]

Morton, J.K. 2005. *Cerastium*, p. 74-93. IN: Flora of North America, vol. 5, pt.2. Oxford University Press, New York.

Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. Sida 11(4):455-470. [*Cerastium axillare*]

Spellenberg, R., M. Mahrt & R. Brozka. 1991. Noteworthy collections, New Mexico. Madroño 38:298-301. [*Cerastium glomeratum*]

Turner, B.L. 1995. *Cerastium texanum* (Caryophyllaceae) does not occur in Texas. Phytologia 79(5):356-363.

arvense Linnaeus subsp. **strictum** (Linnaeus) Ugborogho [M&H; W&S]

field chickweed

Cerastium oreophilum Greene

Cerastium scopulorum Greene

Cerastium strictum Linnaeus

axillare Correll [Spellenberg et al. 1986]

Trans-Pecos chickweed

beeringianum Chamisso & Schlechtendal subsp. **earlei** (Rydberg) Hultén [M&H; W&S]

Bering chickweed

brachypodium (Engelmann ex Gray) Robinson [M&H; W&S]

short-stalk chickweed

fastigiatum Greene [M&H; Morton 2005; W&S]

fastigate chickweed

Cerastium nutans Rafinesque sensu NM authors

***fontanum** Baumgarten subsp. **vulgare** (Hartman) Greuter & Burdet [M&H]

common chickweed

Cerastium vulgatum Linnaeus

***glomeratum** Thuiller [Allred 1999; Spellenberg et al. 1991]

sticky chickweed

Cerastium viscosum of authors, not Linnaeus

longipedunculatum Muhlenberg = *Cerastium nutans* Rafinesque var. *nutans*

nutans Rafinesque sensu NM authors = *Cerastium fastigiatum* Greene

nutans Rafinesque var. **obtectum** Kearney & Peebles [M&H; W&S]

nodding chickweed

Cerastium sericeum S. Watson

oreophilum Greene = *Cerastium arvense* Linnaeus subsp. *strictum* (Linnaeus) Ugborogho

scopulorum Greene = *Cerastium arvense* Linnaeus subsp. *strictum* (Linnaeus) Ugborogho

sericeum S. Watson = *Cerastium nutans* Rafinesque var. *obtectum* Kearney & Peebles

strictum Linnaeus = *Cerastium arvense* Linnaeus subsp. *strictum* (Linnaeus) Ugborogho

texanum Britton [M&H; Turner 1995]

Texas chickweed

viscosum of authors, not Linnaeus = *Cerastium glomeratum* Thuiller

vulgatum Linnaeus = *Cerastium fontanum* Baumgarten subsp. *vulgare* (Hartman) Greuter & Burdet

Dianthus carnation

Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Dianthus armeria*]

***armeria** Linnaeus [Allred 1999]

Deptford pink

Drymaria drymary

Duke, J.A. 1961. Preliminary revision of the genus *Drymaria*. Ann. Missouri Bot. Gard. 48(3):173-268. [*Drymaria molluginea*]

Little, E.L. Jr. 1937. A study of poisonous *Drymaria* on southern New Mexico ranges. Ecology 18:416-426. [*Drymaria pachyphylla*]

arenarioides Humboldt & Bonpland ex J.A. Schultes : Listed in various noxious weed lists of NM, but not yet known definitely from the state.

depressa Greene = *Drymaria effusa* Gray var. *depressa* (Greene) Duke

effusa Gray var. **depressa** (Greene) Duke [M&H; W&S]

pinewoods drymary

Drymaria depressa Greene

fendleri S. Watson = *Drymaria glandulosa* K. Presl

glandulosa K. Presl [M&H; W&S]

Fendler's drymary

Drymaria fendleri S. Watson

laxiflora Bentham [M&H]

Trans-Pecos drymary

leptophylla (Chamisso & Schlechtendal) Fenzl ex Rohrbach [M&H; W&S]

canyon drymary

Drymaria tenella Gray

molluginea (Lagasca) Didrichsen [Duke 1961; M&H; W&S]

slim-leaf drymary

Drymaria sperguloides Gray

- pachyphylla*** Wooton & Standley [M&H; W&S]
 thick-leaf drymary
sperguloides Gray = *Drymaria molluginea* (Lagasca) Didrichsen
tenella Gray = *Drymaria leptophylla* (Chamisso & Schlechtendal) Fenzl ex Rohrbach
- Eremogone*** sandwort
 Hartman, R.L. & R.K. Rabeler. 2004. New combinations in North America *Eremogone* (Caryophyllaceae). *Sida* 29(1):237-241.
 Hartman, R.L., R.K. Rabeler, & F.H. Utech. 2005. *Eremogone*, p. 56-70. IN: *Flora of North America*, vol. 5, pt. 2. Oxford University Press, New York.
 Sivinski, R. 1998. New plant distribution records. *The New Mexico Botanist* 7:6. [*Eremogone* (*Arenaria*) *hookeri*]
- aculeata*** (S. Watson) Ikonnikov [M&H; W&S]
 needle-leaf sandwort
Arenaria aculeata S. Watson
Arenaria congesta Nuttall ex Torrey & Gray var. *aculeata* M.E. Jones
- eastwoodiae*** (Rydberg) Ikonnikov var. *eastwoodiae* [M&H; W&S]
 Eastwood's sandwort
Arenaria eastwoodiae Rydberg
Arenaria fendleri Gray var. *eastwoodiae* (Rydberg) Harrington
- eastwoodiae*** (Rydberg) Ikonnikov var. ***adenophora*** (Kearney & Peebles) R.L. Hartman & Rabeler [Hartman et al. 2005]
 Eastwood's sandwort
Arenaria eastwoodiae Rydberg var. *adenophora* Kearney & Peebles
- fendleri*** (Gray) Ikonnikov [M&H; W&S]
 Fendler's sandwort
Arenaria fendleri Gray var. *brevifolia* (Maguire) Maguire
Arenaria fendleri Gray var. *fendleri*
Arenaria fendleri Gray var. *tweedyi* (Rydberg) Maguire
- hookeri*** (Nuttall ex Torrey & Gray) W.A. Weber [Sivinski 1998]
 Hooker's sandwort
Arenaria hookeri Nuttall ex Torrey & Gray
- Gypsophila*** baby's-breath
 Allred, K. 2004. Plant distribution reports. *The New Mexico Botanist* 31:1. [*Gypsophila paniculata*]
 Allred, K.W. 2005. Plant distribution reports (*Gypsophila scorzonifolia*, *Rumex stenophyllus*, *Paronychia pulvinata*). *The New Mexico Botanist* 33:7.
elegans Bieberstein : Reported by Campbell & Little (1935), but no specimen can be found at the Jornada herbarium; reported for Texas recently (Nesom & O'Kennon 2002); ours was likely a one-time escape that has not persisted.
- ****scorzonifolia*** Seringe [Allred 2004, 2005]
 garden baby's-breath
paniculata Linnaeus : Reported by Allred (2004), but the specimen was corrected to *Gypsophila scorzonifolia* Seringe (Allred 2005)
- Lidia obtusiloba*** (Rydberg) Löve & Löve = *Minuartia obtusiloba* (Rydberg) House
- Loeflingia*** pygmy-leaf
 Chauvin, Y. 2006. Plant distribution reports. *The New Mexico Botanist* 35:3. [*Loeflingia squarrosa*]
squarrosa Nuttall [Chauvin 2006]
 spreading pygmy-leaf
- Lychnis alba*** Miller = *Silene latifolia* Poiret subsp. *alba* (Miller) Greuter & Burdet
drummondii (Hooker) S. Watson = *Silene drummondii* Hooker
- Melandrium album*** (Miller) Garcke = *Silene latifolia* Poiret subsp. *alba* (Miller) Greuter & Burdet
- Minuartia***
 Hartman, R. 2006. Plant distribution reports (*Minuartia macrantha*). *The New Mexico Botanist* 35:3.
 Rabeler, R.K., R.L. Hartman, & F.H. Utech. 2005. *Minuartia*, p. 116-136. IN: *Flora of North America*, vol. 5, pt. 2. Oxford University Press, New York.
 Wagner, W.L. 1983. Noteworthy collections (New Mexico). *Madroño* 30:126. [*M. (Arenaria) stricta* subsp. *texana*]
macrantha (Rydberg) House [Hartman 2006]
 House's stitchwort
michauxii (Frenzl) Farwell var. ***texana*** (Robinson) Mattfield [Wagner 1983]
 Texas stitchwort
Arenaria stricta Michaux subsp. *texana* (Robinson) Maguire
- obtusiloba*** (Rydberg) House [M&H; W&S]
 alpine stitchwort
Alsinopsis obtusiloba Rydberg
Arenaria obtusiloba (Rydberg) Fernald
Arenaria sajanensis auct., non Willdenow
Lidia obtusiloba (Rydberg) Löve & Löve
- rubella*** (Wahlenberg) Grabner [M&H; W&S]
 boreal stitchwort
Alsinopsis obtusiloba Rydberg
Alsinopsis propinqua (Richardson) Rydberg
Arenaria aequicalis A. Nelson
Arenaria propinqua Richardson
Arenaria rubella (Wahlenberg) J.E. Smith
Tryphane rubella (Wahlenberg) Reichenbach
- Moehringia*** sandwort

lateriflora (Linnaeus) Fenzl [M&H; W&S]
blunt sandwort

Arenaria lateriflora Linnaeus

macrophylla (Hooker) Torrey [M&H; W&S]
large-leaf sandwort

Arenaria macrophylla Hooker

Paronychia nailwort

Allred, K.W. 2005. Plant distribution reports (*Gypsophila scorzonrifolia*, *Rumex stenophyllus*, *Paronychia pulvinata*). The New Mexico Botanist 33:7.

Sivinski, R. 1998. New plant distribution records. The New Mexico Botanist 7:6. [*Paronychia depressa*]

Turner, B.L. 1981. The Texas species of *Paronychia* (Caryophyllaceae). Phytologia 54(1):9-23.

depressa (Torrey & Gray) Nuttall ex A. Nelson [Sivinski 1998]
spreading nailwort

jamesii Torrey & Gray [M&H]

James's nailwort

lindheimeri Engelman ex Gray : Reported as expected by M&H map; this seems unlikely in view of the distribution reported by Turner (1981); awaits verification.

pulvinata Gray [Allred 2005; M&H]

Rocky Mountain nailwort

sessiliflora Nuttall [M&H]

low nailwort

Pseudostellaria starwort

Weber, W.A. & R. Hartman. 1979. *Pseudostellaria jamesiana*, comb. nov., a North American representative of a Eurasian genus. Phytologia 44:313-314.

jamesiana (Torrey) W.A. Weber & R.L. Hartman [M&H; W&S]

sticky starwort

Stellaria jamesiana Torrey

Alsine curtisii Rydberg

Alsine jamesiana (Torrey) Heller

Sagina pearlwort

Crow, G.E. 1978. A taxonomic revision of *Sagina* (Caryophyllaceae) in North America. Rhodora 80:1-91.

saginoides (Linnaeus) Karsten [Crow 1978; M&H; W&S]

alpine pearlwort

Saponaria bouncing-bet

***officinalis** Linnaeus [M&H; W&S]

bouncing-bet

vaccaria Linnaeus = *Vaccaria hispanica* (Miller) Rauschert

Silene catchfly

Greuter, W. 1995. *Silene* (Caryophyllaceae) in Greece: a subgeneric and sectional classification. Taxon 44:543-581.

Hitchcock, C.L. & B. Maguire. 1947. A revision of the North American species of *Silene*. Univ. Washington Publ. in Biology 13:1-73.

Ivey, R.D. 2003. Flowering Plants of New Mexico. 4th ed. Publ. by the author. 573 pp. [*S. csereii*]

McNeill, J. 1978. *Silene alba* and *S. dioica* in North America and the generic delimitation of *Lychnis*, *Melandrium*, and *Silene* (Caryophyllaceae). Can. J. Bot. 56:297-308.

Peterson, R.S. 2000. New plant distribution records. The New Mexico Botanist 15:7. [*Silene latifolia* subsp. *alba*]

Todsen, T.K. 1973. Comments on New Mexico flora. Sida 5:135. [*Silene plankii*]

acaulis Linnaeus subsp. **subacaulescens** (F.N. Williams) Hitchcock & Maguire [M&H; W&S]

cushion-pink

antirrhina Linnaeus [M&H; W&S]

sleepy catchfly

concolor Greene = *Silene scouleri* Hooker subsp. *pringlei* (S. Watson) Hitchcock & Maguire

csereii Baumgarten [Ivey 2003]

smooth catchfly, maiden-tears

drummondii Hooker var. **drummondii** [M&H; W&S]

Drummond's catchfly

Lychnis drummondii (Hooker) S. Watson

Wahlbergella drummondii (Hooker) Rydberg

greggii Gray = *Silene laciniata* Cavanilles var. *greggii* (Gray) C.L. Hitchcock & Maguire

laciniata Cavanilles var. **greggii** (Gray) C.L. Hitchcock & Maguire [M&H; W&S]

cardinal catchfly

Silene greggii Gray

latifolia Poiret subsp. **alba** (Miller) Greuter & Burdet [Peterson 2000]

white campion

Lychnis alba Miller

Melandrium alba (Miller) Garcke

menziesii Hooker [M&H; W&S]

white catchfly

Silene stellaroides Nuttall

***noctiflora** Linnaeus [M&H; W&S]

night catchfly

plankii C.L. Hitchcock & Macguire [M&H; Todsén 1973]

Plank's catchfly

pringlei S. Watson = *Silene scouleri* Hooker subsp. **pringlei** (S. Watson) Hitchcock & Maguire

+**scouleri** Hooker var. **grisea** C.L. Hitchcock & Maguire [Hitchcock & Maguire 1947]

Scouler's catchfly

scouleri Hooker var. **pringlei** (S. Watson) C.L. Hitchcock & Maguire ex Kartesz & Gandhi [M&H; W&S]

Pringle's catchfly

Silene concolor Greene

Silene pringlei S. Watson

stellaroides Nuttall = *Silene menziesii* Hooker

thurberi S. Watson [M&H; Wagner 1979]

Thurber's catchfly

***vulgaris** (Moench) Garcke : Reported without documentation in Kartesz (1999); awaits verification.

+**wrightii** Gray [M&H; W&S]

Wright's catchfly

Spergula arvensis Linnaeus : Reported as expected by M&H; awaits verification.

Spergularia sandspurry

maritima (Allioni) Chiovenda = *Spergularia media* (Linnaeus) Presl

marina (Linnaeus) Grisebach = *Spergularia salina* J. & K. Presl

***media** (Linnaeus) Presl [M&H]

satin-flower

Spergularia maritima (Allioni) Chiovenda

***rubra** (Linnaeus) Presl [M&H; W&S]

ruby sandspurry

Tissa rubra (Linnaeus) Britton

salina J. & K. Presl [M&H]

salt-marsh sandspurry

Spergularia marina (Linnaeus) Grisebach

Spergularia sparsiflora (Greene) A. Nelson

Tissa salina (Presl) Greene

sparsiflora (Greene) A. Nelson = *Spergularia salina* J. & K. Presl

Spergulastrum sandwort

lanuginosum Michaux subsp. **saxosum** (Gray) Weber [M&H; W&S]

spreading sandwort

Arenaria confusa Rydberg

Arenaria lanuginosa (Michaux) Rohrbach subsp. **saxosa** (Gray) Maguire

Arenaria lanuginosa (Michaux) Rohrbach var. **saxosa** (Gray) Zarucchi, Hartman & Rabeler

Arenaria mearnsii Wootton & Standley

Arenaria polycaulos Rydberg

Arenaria saxosa Gray

Arenaria saxosa Gray var. **cinerascens** Robinson

Arenaria saxosa Gray var. **mearnsii** (Wootton & Standley) Kearny & Peebles

Tissa rubra (Linnaeus) Britton = *Spergularia rubra* (Linnaeus) Presl

Tryphane rubella (Wahlenberg) Reichenbach = *Minuartia rubella* (Wahlenberg) Grabner

Stellaria starwort

Hartman, R.L. 1973. New plant records for New Mexico. Southwestern Naturalist 18(2):241-242. [*Stellaria calycantha*, *S. irrigua*]

Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4. [*S. crassifolia*]

Chinnappa, C.C. 1992. *Stellaria porsildii*, sp. nov., a new member of the *S. longipes* complex (Caryophyllaceae). Syst. Bot. 17(1):29-32.

Morton, J.K. 2005. *Stellaria*, p. 96-114. IN: Flora of North America, vol. 5, pt. 2. Oxford University Press, New York.

Morton, J.K. & R.K. Rabeler. 1989. Biosystemic studies on the *Stellaria calycantha* (Caryophyllaceae) complex. I. Cytology and cytogeography. Can. J. Bot. 67(1):121-127.

Spellenberg, R., L. McIntosh, & L. Brouillet. 1993. New records of angiosperms from southern New Mexico. Phytologia 75:224-230. [*Stellaria nitens*]

borealis Bigelow var. **simcoei** Howell = *Stellaria calycantha* (Ledebour) Bongard var. **simcoei** (Howell) Fernald

calycantha (Ledebour) Bongard var. **simcoei** (Howell) Fernald [Hartman 1973; M&H]

northern bog starwort

Stellaria borealis Bigelow var. **simcoei** Howell

crassifolia Ehrhart var. **crassifolia** [Heil et al. 2002]

fleshy starwort

cuspidata Willdenow ex Schlechtendal subsp. **cuspidata** [M&H; W&S]

Mexican starwort

Alsine cuspidata (Willdenow) Wootton & Standley

cuspidata Willdenow ex Schlechtendal subsp. **prostrata** (Baldwin) J.K. Morton [Morton 2005]

Mexican starwort

Stellaria prostrata Baldwin

irrigua Bunge [Hartman 1973; M&H]

Colorado starwort

jamesiana Torrey = *Pseudostellaria jamesiana* (Torrey) W.A. Weber & R.L. Hartman
laeta Richardson = *Stellaria longipes* Goldie
longifolia Muhlenberg ex Willdenow [M&H; W&S]
 long-leaf starwort
Alsine longifolia (Muhlenberg) Britton
longipes Goldie var. *laeta* (Richardson) S. Watson = *Stellaria longipes* Goldie
longipes Goldie [M&H; W&S]
 long-stalk starwort
Alsine laeta (Richardson) Rydberg
Alsine longipes (Goldie) Coville
Stellaria laeta Richardson
Stellaria longipes Goldie var. *laeta* (Richardson) S. Watson
****media*** (Linnaeus) Cyrillo [M&H; W&S]
 common chickweed
Alsine media Linnaeus
nitens Nuttall [Spellenberg et al. 1993]
 shiny starwort
porsildii Chinnappa [Chinnappa 1992]
 Porsild's starwort
prostrata Baldwin = *Stellaria cuspidata* Willdenow ex Schlechtendal subsp. *prostrata* (Baldwin) Morton
umbellata Turczaninow ex Karelín & Kirilov [M&H; W&S]
 parachute starwort
Alsine baicalensis Coville
Stellaria weberi Boivin
weberi Boivin = *Stellaria umbellata* Turczaninow
Tissa rubra (Linnaeus) Britton = *Spergularia rubra* (Linnaeus) Presl
salina (Presl) Greene = *Spergularia salina* J. & K. Presl
Vaccaria cowcockle
****hispanica*** (Miller) Rauschert [M&H; W&S]
 cowcockle
Saponaria vaccaria Linnaeus
Vaccaria vaccaria (Linnaeus) Britton
vaccaria (Linnaeus) Britton = *Vaccaria hispanica* (Miller) Rauschert
Wahlbergella drummondii (Hooker) Rydberg = *Silene drummondii* Hooker

Family CASSIACEAE = FABACEAE

Family CELASTRACEAE

Forsellesia = see CROSSOSOMATAACEAE
Glossopetalon = see CROSSOSOMATAACEAE
Mortonia sandpaper-bush
scabrella Gray
 sandpaper-bush, Rio Grande saddlebush
Pachystima mountain-lover
myrsinites (Pursh) Rafinesque
 mountain lover

Family CERATOPHYLLACEAE

Ceratophyllum coon's-tail
 Les, D.H. 1997. *Ceratophyllum*, pp. 82-84. IN: Flora of North America, vol. 3. Oxford University Press.
demersum Linnaeus [Les 1997; M&H; W&S]
 coon's-tail

Family CHENOPODIACEAE

Welsh, S.L., C.W. Crompton, & S.E. Clemants. 2003. Chenopodiaceae. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.
Allenrolfea iodinebush
occidentalis (S. Watson) Kuntze [M&H; W&S]
 iodinebush
Halostachys occidentalis S. Watson
Salicornia occidentalis (S. Watson) Greene
Atriplex saltbush
 Bleakly, D. 1999. New plant distribution records. The New Mexico Botanist 11:8. [*Atriplex heterosperma*]
 Brown, G.D. 1956. Taxonomy of America *Atriplex*. Amer. Midl. Natural. 55:199-210.
 Henrickson, J. 1988. A revision of the *Atriplex acanthocarpa* complex (Chenopodiaceae). Southw. Naturalist 33:451-463.
 Sanderson, S.C. & H.C. Stutz. 2001. Chromosome races of fourwing saltbush (*Atriplex canescens*), Chenopodiaceae. USDA For. Serv. Proc. RMRS-P-21. p. 75-88.
 Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. Sida 11(4):455-470. [*Proatriplex pleiantha*]

Stutz, H.C. & G.-L. Chu. 1997(1998). *Atriplex pachypoda* (Chenopodiaceae), a new species from southwestern Colorado and northwestern New Mexico. *Madroño* 44(3):277-281.

Stutz, H.C., G.-L. Chu, & S.C. Sanderson. 1990. Evolutionary studies of *Atriplex*: phylogenetic relationships of *Atriplex pleiantha*. *Amer. J. Bot.* 77(3):364-369.

Stutz, H.C. & S.C. Sanderson. 1998. Taxonomic clarification of *Atriplex nuttallii* (Chenopodiaceae) and its near relatives. *Sida* 18(1):193-212.

Wagner, W.L. & E.F. Aldon. 1978. Manual of the saltbushes (*Atriplex* spp.) in New Mexico. USDA, For. Ser. Gen. Tech. Rpt. RM-57.

Welsh, S.L.. 2003. *Atriplex*, pp. 322-381. IN: *Flora of North America*, vol. 4, pt. 1. Oxford University Press, New York.

Welsh, S.L. & C. Crompton. 1995. Names and types in perennial *Atriplex* Linnaeus (Chenopodiaceae) in North America selectively exclusive of Mexico. *Great Basin Naturalist* 55(4):322-334.

acanthocarpa (Torrey) S. Watson var. ***acanthocarpa*** [Henrickson 1988; M&H; W&S; Welsh 2003]

armed saltbush

angustior Cockerell = *Atriplex canescens* (Pursh) Nuttall

argentea Nuttall var. ***argentea*** [M&H; W&S; Welsh 2003]

silverscale

Atriplex argentea Nuttall var. *caput-medusae* (Eastwood) Fosberg

Atriplex caput-medusae Eastwood

argentea Nuttall var. *caput-medusae* (Eastwood) Fosberg = *Atriplex argentea* Nuttall subsp. *argentea*

argentea Nuttall var. ***mohavense*** (M.E. Jones) Welsh [M&H; W&S; Welsh 2003]

silverscale

Atriplex expansa S. Watson var. *mohavense* M.E. Jones

argentea Nuttall var. ***rydbergii*** (Standley) Welsh [Stutz & Chu 1997; Welsh 2003]

Rydberg's orach

Atriplex pachypoda Stutz & Chu

canescens (Pursh) Nuttall [M&H; W&S; Welsh 2003]

four-wing saltbush

Atriplex angustior Cockerell

Atriplex canescens (Pursh) Nuttall var. *angustifolia* (Torrey) S. Watson

canescens (Pursh) Nuttall var. *angustifolia* (Torrey) S. Watson = *Atriplex canescens* (Pursh) Nuttall

canescens (Pursh) Nuttall var. *garrettii* (Rydberg) L. Benson = *Atriplex garrettii* Rydberg

caput-medusae Eastwood = *Atriplex argentea* Nuttall subsp. *argentea*

collina Wooton & Standley = *Atriplex confertifolia* (Torrey & Fremont) S. Watson

confertifolia (Torrey & Fremont) S. Watson [M&H; W&S; Welsh 2003]

shadscale

Atriplex collina Wooton & Standley

Obione confertifolia Torrey & Fremont

corrugata S. Watson [M&H; Welsh 2003]

matted saltbush

Atriplex nuttallii S. Watson var. *corrugata* (S. Watson) A. Nelson

cuneata A. Nelson = *Atriplex gardneri* (Moquin-Tandon) Dietrich var. *cuneata* (A. Nelson) Welsh

dioica Rafinesque [Welsh 2003]

thickleaf orach

Atriplex patula Linnaeus var. *subspicata* (Nuttall) S. Watson

Atriplex subspicata (Nuttall) Rydberg

elegans (Moquin-Tandon) D. Dietrich var. ***elegans*** [M&H; W&S; Welsh 2003]

wheel-scale

Atriplex elegans (Moquin-Tandon) D. Dietrich var. *thornberi* Jones

elegans (Moquin-Tandon) D. Dietrich var. *thornberi* Jones = *Atriplex elegans* (Moquin-Tandon) D. Dietrich var. *elegans*

expansa S. Watson = *Atriplex argentea* Nuttall subsp. *expansa* (S. Watson) Hall & Clements

flagellaris Wooton & Standley = *Atriplex semibaccata* R. Brown

gardneri (Moquin-Tandon) Dietrich var. ***cuneata*** (A. Nelson) Welsh [M&H; Stutz & Sanderson 1998; Wagner & Aldon 1978; Welsh 2003]

valley saltbush

Atriplex cuneata A. Nelson

Atriplex nuttallii S. Watson subsp. *cuneata* (A. Nelson) Hall & Clements

garrettii Rydberg [Brown 1956]

Garrett's saltbush

Atriplex canescens (Pursh) Nuttall var. *garrettii* (Rydberg) L. Benson

greggii S. Watson = *Atriplex obovata* Moquin-Tandon

griffithsii Standley = *Atriplex torreyi* (S. Watson) S. Watson var. *griffithsii* (Standley) G.D. Brown

heterosperma Bunge = *Atriplex micrantha* Ledebour

****hortensis*** Moquin-Tandon [M&H]

garden orache

jonesii Standley = *Atriplex obovata* Moquin-Tandon

lentiformis (Torrey) S. Watson var. *griffithsii* (Standley) Benson = *Atriplex torreyi* (S. Watson) S. Watson var. *griffithsii* (Standley) G.D.

Brown

****micrantha*** Ledebour [Bleakly 1999]

two-scale saltbush

Atriplex heterosperma Bunge

×*neomexicana* Standley : This name refers to sporadic hybrids between *Atriplex gardneri* × *Atriplex confertifolia*

nuttallii S. Watson var. *corrugata* (S. Watson) A. Nelson = *Atriplex corrugata* S. Watson
nuttallii S. Watson subsp. *cuneata* (A. Nelson) Hall & Clements = *Atriplex cuneata* A. Nelson

obovata Moquin-Tandon [M&H; W&S; Welsh 2003]

New Mexico saltbush

Atriplex greggii S. Watson

Atriplex jonesii Standley

Atriplex sabulosa M.E. Jones

pachypoda Stutz & Chu = *Atriplex argentea* Nuttall var. *rydbergii* (Standley) Welsh

patula Linnaeus var. *subspicata* (Nuttall) S. Watson = *Atriplex dioica* Rafinesque

pleiantha W.A. Weber [Welsh 2003]

Mancos orache

Proatriplex pleiantha (Weber) Stutz & Chu

powellii S. Watson var. **powellii** [M&H; W&S; Welsh 2003]

Powell's orache

prostrata Bouchér ex A.P. de Candolle [Welsh 2003]

fat hen

Atriplex triangularis Willdenow

***rosea** Linnaeus [M&H; W&S; Welsh 2003]

tumbling orache

sabulosa M.E. Jones = *Atriplex obovata* Moquin-Tandon

saccaria S. Watson var. **cornuta** (M.E. Jones) Welsh [Welsh 2003]

flat-horn orach

saccaria S. Watson var. **saccaria** [M&H; W&S; Welsh 2003]

stalked orache

***semibaccata** R. Brown [M&H; W&S; Welsh 2003]

Australian saltbush

Atriplex flagellaris Wootton & Standley

subspicata (Nuttall) Rydberg = *Atriplex dioica* Rafinesque

torreyi (S. Watson) S. Watson var. **griffithsii** (Standley) G.D. Brown [Wagner & Aldon 1978]

Griffiths's saltbush

Atriplex griffithsii Standley

triangularis Willdenow = *Atriplex prostrata* Boucher ex A.P. de Candolle

truncata (Torrey ex S. Watson) Gray : Reported by M&H, but not by Wagner & Aldon (1978) or Welsh (2003); awaits verification.

wrightii S. Watson [M&H; W&S; Welsh 2003]

Wright's saltbush

Bassia smotherweed

Collins, S.L. & W.H. Blackwell, Jr. 1979. *Bassia* (Chenopodiaceae) in North America. *Sida* 8(1):57-64.

Mosyakin S. 2003. *Bassia*, pp. 309-310. IN: *Flora of North America*, vol. 4, pt. 1. Oxford University Press, New York.

***hyssopifolia** (Pallas) Kuntze [M&H]

smotherweed

Kochia hyssopifolia (Pallas) Schrader

sieversiana (Pallas) W.A. Weber = *Kochia scoparia* (Linnaeus) Schrader

Batis vermiculatus = *Sarcobatus vermiculatus* (Hooker) Torrey

Blitum capitatum Linnaeus = *Chenopodium capitatum* (Linnaeus) Ambrosi

hastatum Rydberg = *Chenopodium capitatum* (Linnaeus) Ambrosi var. *parvicapitatum* S.L. Welsh

nuttallianum Schultes = *Monolepis nuttalliana* (Schultes) Greene

Ceratoides lanata (Pursh) J.T. Howell = *Krascheninnikovia lanata* (Pursh) Meeuse & Smit

Chenopodium goosefoot

Allen, P., & T. Just. 1943. Key and synopsis of the American species of *Chenopodium* Linnaeus. *Am. Midl. Nat.* 30:47-76.

Allred, K.W. 1999. New plant distribution records. *The New Mexico Botanist* 13:7. [*Chenopodium cycloides*]

Allred, K.W. 2005. *Chenopodium* in New Mexico. *The New Mexico Botanist* 32:1-5.

Bassett, I.J. & C.W. Crompton. 1982. The genus *Chenopodium* in Canada. *Can. J. Bot.* 60(5):586-610.

Clemants, S.E. & S.L. Mosyakin, S.L. 2003. *Chenopodium*, pp. 275-299. IN: *Flora of North America*, vol. 4, pt. 1. Oxford University Press, New York.

Crawford, D.J. 1975. Systematic relationships in the narrow-leaved species of *Chenopodium* of the western United States. *Brittonia* 27:279-288.

Crawford, D.J. 1977. A study of morphological variability in *Chenopodium incanum* (Chenopodiaceae) and the recognition of two new varieties. *Brittonia* 29:291-296.

Dorn, R.D. 1988. *Chenopodium simplex*, an older name for *C. gigantospermum* (Chenopodiaceae). *Madroño* 35:162.

Mosyakin, S.L. & S.E. Clemants. 1996. New infrageneric taxa and combinations in *Chenopodium* L. (Chenopodiaceae). *Novon* 6:398-403.

Palomino-H., G., M. Segura-D., R. Bye, & P. Mercado-R. 1990. Cytogenetic distinction between *Teloxys* and *Chenopodium* (Chenopodiaceae). *Southwestern Naturalist* 35(3):351-353.

Sivinski, R. 1996. New plant distribution records. *The New Mexico Botanist* 3:6. [*Chenopodium cycloides*]

Standley, P.C. 1916. *Chenopodium*, in *Chenopodiaceae*. *North American Flora* 21, part 1:1-93. [*Chenopodium hircinum* inter allii]

Tidestrom, I. & T. Kittell. 1941. *A Flora of Arizona and New Mexico*. The Catholic University of America Press, Washington, D.C. 897 pp. [*Chenopodium hircinum*]

Wahl, H.A. 1952-53. A preliminary study of the genus *Chenopodium* in North America. *Bartonia* 27:1-46.

albescens of NM authors, not Small = mostly applied to *Chenopodium atrovirens* Rydberg

***album** Linnaeus var. **album** [Allred 2005; Clemants & Mosyakin 2003; W&S]

lamb's quarter

Chenopodium paganum of NM authors, not Reichenbach

***album** Linnaeus var. **lanceolatum** (Muhlenberg ex Willdenow) Cosson & Germain [Allred 2005]
album Linnaeus var. *leptophyllum* Nuttall ex Moquin-Tandon = *Chenopodium leptophyllum* (Moquin-Tandon) Nuttall ex S. Watson
album Linnaeus var. **missouriense** (Aellen) Bassett & Crompton [Allred 2005] Note: This is our native form.
Chenopodium missouriense Aellen
ambrosioides Linnaeus = *Dysphania ambrosioides* (Linnaeus) Mosyakin & Clemants
arizonicum Standley = *Chenopodium neomexicanum* Standley
atrovirens Rydberg [Allred 2005; Clemants & Mosyakin 2003; M&H; Wahl 1952-53]
piñon goosefoot
berlandieri Moquin-Tandon var. **sinuatum** (Murray) Wahlenberg [Allred 2005; Clemants & Mosyakin 2003; M&H]
pitted goosefoot
berlandieri Moquin-Tandon var. **zschackei** (Murray) Murray ex Ascherson [Allred 2005; Clemants & Mosyakin 2003]
pitted goosefoot
berlandieri Moquin-Tandon var. *glaucoviride* Aellen = *Chenopodium desiccatum* A. Nelson var. *leptophylloides* (Murray) Wahl
botrys Linnaeus = *Dysphania botrys* (Linnaeus) Mosyakin & Clemants
***capitatum** (Linnaeus) Ambrosi var. **parvicapitatum** S.L. Welsh [Allred 2005; Clemants & Mosyakin 2003; M&H; W&S; Wahl 1952-53]
strawberry blite
Blitum hastatum Rydberg
Chenopodium overi Aellen
cornutum (Torrey) Bentham & Hooker = *Dysphania graveolens* (Willdenow) Mosyakin & Clemants
cycloides A. Nelson [Allred 2005; Clemants & Mosyakin 2003; Sivinski 1996; Wahl 1952-53]
sandhills goosefoot
desiccatum A. Nelson var. **desiccatum** [Allred 2005; M&H]
desert goosefoot
Chenopodium leptophyllum (Nuttall ex Moquin-Tandon) S. Watson subsp. *desiccatum* (A. Nelson) Aellen
Chenopodium pratericola Rydberg subsp. *desiccatum* (A. Nelson) Aellen
desiccatum A. Nelson var. **leptophylloides** (Murray) Wahl [Allred 2005; Clemants & Mosyakin 2003; M&H]
plains goosefoot
Chenopodium berlandieri Moquin-Tandon var. *glaucoviride* Aellen
Chenopodium pratericola Rydberg
Chenopodium pratericola Rydberg var. *leptophylloides* Aellen
***foliosum** (Moench) Ascherson [Allred 2005; Clemants & Mosyakin 2003]
leafy goosefoot
fremontii S. Watson [Allred 2005; Clemants & Mosyakin 2003; M&H; W&S]
Fremont's goosefoot
fremonti S. Watson var. *incanum* S. Watson = *Chenopodium incanum* (S. Watson) Heller
gigantospermum Aellen = *Chenopodium simplex* (Torrey) Rafinesque
glabrescens (Aellen) Wahl = *Chenopodium watsonii* A. Nelson
***glaucum** Linnaeus var. **glaucum** [Wahl 1952-53]
oak-leaf goosefoot
glaucum Linnaeus var. **salinum** (Standley) B. Boivin [Allred 2005; Clemants & Mosyakin 2003; M&H; W&S; Wahl 1952-53]
Rocky Mountain goosefoot
Chenopodium salinum Standley
graveolens Willdenow var. *neomexicanum* (Aellen) Aellen = *Dysphania graveolens* (Willdenow) Mosyakin & Clemants
hians Standley [Clemants & Mosyakin 2003; M&H; Wahl 1952-53]
gaping goosefoot
Chenopodium incognitum Wahl (not Wahlenberg) pro parte (NM material)
***hircinum** Schrader [Standley 1916; Tidestrom & Kittell 1941]
foetid goosefoot
hybridum of early Amer. authors = *Chenopodium simplex* (Torrey) Rafinesque
hybridum Linnaeus var. *gigantospermum* (Aellen) Rouleau = *Chenopodium simplex* (Torrey) Rafinesque
hybridum Linnaeus var. *standleyanum* (Aellen) Fernald = *Chenopodium standleyanum* Aellen
humile Hooker = *Chenopodium rubrum* Linnaeus var. *humile* (Hooker) S. Watson
incanum (S. Watson) Heller [Allred 2005; Clemants & Mosyakin 2003; Crawford 1977; M&H; W&S]
mealy goosefoot
Chenopodium fremonti S. Watson var. *incanum* S. Watson
Chenopodium incanum (S. Watson) Heller var. *elatum* Crawford
incanum (S. Watson) Heller var. *elatum* Crawford = *Chenopodium incanum* (S. Watson) Heller
incisum Poiret var. *neomexicanum* Aellen = *Dysphania graveolens* (Willdenow) Mosyakin & Clemants
incognitum Wahl (not Wahlenberg) pro parte (NM material) = *Chenopodium hians* Standley
leptophyllum (Nuttall ex Moquin-Tandon) S. Watson [Allred 2005; Clemants & Mosyakin 2003; M&H; W&S; Wahl 1952-53]
narrowleaf goosefoot
Chenopodium album Linnaeus var. *leptophyllum* Nuttall ex Moquin-Tandon
Chenopodium oblongifolium Rydberg
missouriense Aellen = *Chenopodium album* Linnaeus var. *missouriense* (Aellen) Bassett & Crompton
***murale** Linnaeus [Allred 2005; M&H]

nettle-leaf goosefoot
neomexicanum Standley [Allred 2005; Clemants & Mosyakin 2003; M&H; Wahl 1952-53]
 New Mexico goosefoot
Chenopodium arizonicum Standley
nigrum Rafinesque = *Suaeda nigra* (Rafinesque) Macbride
oblongifolium Rydberg = *Chenopodium leptophyllum* Nuttall
overi Aellen = *Chenopodium capitatum* (Linnaeus) Ambrosi var. *parvicapitatum* S.L. Welsh
paganum of NM authors, not Reichenbach = *Chenopodium album* Linnaeus
pallescens Standley [Allred 2005; Clemants & Mosyakin 2003; M&H; Wahl 1952-53]
 slim-leaf goosefoot
pratericola Rydberg = *Chenopodium desiccatum* A. Nelson var. *leptophylloides* (Murray) Wahl
pratericola Rydberg var. *leptophylloides* Aellen = *Chenopodium desiccatum* A. Nelson var. *leptophylloides* (Murray) Wahl
 quinoa Willdenow : Grown occasionally in gardens or as a curiosity; apparently not fruiting in NM and not known to escape.
***rubrum** Linnaeus var. **rubrum** [Clemants & Mosyakin 2003; M&H]
 red goosefoot
rubrum Linnaeus var. **humile** (Hooker) S. Watson [Allred 2005; Clemants & Mosyakin 2003]
 red goosefoot
Chenopodium humile Hooker
salinum Standley = *Chenopodium glaucum* Linnaeus var. *salinum* (Standley) B. Boivin
simplex (Torrey) Rafinesque [Allred 2005; Clemants & Mosyakin 2003; M&H; W&S]
 giant-seed goosefoot
Chenopodium hybridum of early Amer. authors, not Linnaeus
Chenopodium hybridum Linnaeus var. *gigantospermum* (Aellen) Rouleau
Chenopodium gigantospermum Aellen
 standleyanum Aellen : Reported by M&H and Aellen & Just (1943), based on a large plant of *Chenopodium incognitum* Wahl (=C. hians Standley) from Rio Arriba County (Wahl 1952-53).
Chenopodium hybridum Linnaeus var. *standleyanum* (Aellen) Fernald
watsonii A. Nelson [Allred 2005; Clemant & Mosyakin 2003; M&H; W&S; Wahl 1952-53]
 stinking goosefoot
Chenopodium glabrescens (Aellen) Wahl

Corispermum bugseed
 Mosyakin, S.L. 1995. New taxa of *Corispermum* Linnaeus (Chenopodiaceae), with preliminary comments on the taxonomy of the genus in North America. *Novon* 5:340-353.
 Mosyakin, S. 2003. *Corispermum*, pp. 313-321. IN: *Flora of North America*, vol. 4, pt. 1. Oxford University Press, New York.

americanum (Nuttall) Nuttall var. **americanum** [M&H; Mosyakin 2003; W&S]
 American bugseed
Corispermum hyssopifolium Linnaeus var. *americanum* Nuttall
Corispermum imbricatum A. Nelson
Corispermum marginale Rydberg
Corispermum nitidum auct. non Kitaibel ex Schultes
americanum (Nuttall) Nuttall var. **rydbergii** Mosyakin [M&H; Mosyakin 1995, 2003]
 Rydberg's bugseed
Corispermum marginale auct. non Rydberg
Corispermum nitidum auct. non Kitaibel ex Schultes
emarginatum Rydberg = *Corispermum villosum* Rydberg
hyssopifolium Linnaeus s.s. : Restricted to southeastern Europe and western Asia; NM plants are referable to *Corispermum americanum* (Nuttall) Nuttall (Mosyakin 1995).
hyssopifolium Linnaeus var. *americanum* Nuttall = *Corispermum americanum* (Nuttall) Nuttall var. *americanum*
imbricatum A. Nelson = *Corispermum americanum* (Nuttall) Nuttall
marginale Rydberg = *Corispermum americanum* (Nuttall) Nuttall
nitidum auct. non Kitaibel ex Schultes = *Corispermum americanum* (Nuttall) Nuttall
orientale Lamarck s.s. : Missapplied to NM specimens, which are referred to *Corispermum villosum* Rydberg (Mosyakin 1995).
orientale Lamarck var. *emarginatum* (Rydberg) Macbride = *Corispermum villosum* Rydberg
***villosum** Rydberg [M&H; Mosyakin 1995]
 hairy bugseed
Corispermum emarginatum Rydberg
Corispermum orientale Lamarck var. *emarginatum* (Rydberg) Macbride
welshii Mosyakin [Mosyakin 1995, 2003]
 Welsh's bugseed

Cycloloma tumbleweed
 Mosyakin, S.L. 2003. *Cycloloma*, pp. 264-265. IN: *Flora of North America*, vol. 4, pt. 1. Oxford University Press, New York.

atriplicifolia (Sprengel) Coulter [M&H; W&S]
 winged tumbleweed
Salsola atriplicifolia Sprengel
Salsola platyphylla Michaux
Diotis lanata Pursh = *Krascheninnikovia lanata* (Pursh) Meeuse & Smits
Dondia diffusa (S. Watson) Heller = *Suaeda nigra* (Rafinesque) Macbride

depressa auct., non (Pursh) Britton = Suaeda calceoliformis (Hooker) Moquin
erecta of NM authors = Suaeda calceoliformis (Hooker) Moquin
moquini (Torrey) A. Nelson = Suaeda nigra (Rafinesque) Macbride
nigra (Rafinesque) Standley = Suaeda nigra (Rafinesque) Macbride
suffrutescens (S. Watson) Heller = Suaeda nigra (Rafinesque) Macbride
torreyana (S. Watson) Standley = Suaeda nigra (Rafinesque) Macbride

Dysphania wormseed

Clemants, S.E. & S.L. Mosyakin, S.L. 2003. *Dysphania*, pp. 267-275. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.
Palomino-H., G., M. Segura-D., R. Bye, & P. Mercado-R. 1990. Cytogenetic distinction between *Teloxys* and *Chenopodium* (Chenopodiaceae). Southwestern Naturalist 35(3):351-353.

Wahl, H.A. 1952-53. A preliminary study of the genus *Chenopodium* in North America. *Bartonia* 27:1-46.

Weber, W.A. 1985. The genus *Teloxys* (Chenopodiaceae). *Phytologia* 58:477-478.

**ambrosioides* (Linnaeus) Mosyakin & Clemants [M&H]

Mexican tea

Chenopodium ambrosioides Linnaeus

Teloxys ambrosioides (Linnaeus) W.A. Weber

**botrys* (Linnaeus) Mosyakin & Clemants [M&H; W&S]

Jerusalem-oak

Chenopodium botrys Linnaeus

Teloxys botrys (Linnaeus) W.A. Weber

graveolens (Willdenow) Mosyakin & Clemants [M&H; W&S; Wahl 1952-53]

fetid goosefoot

Chenopodium cornutum (Torrey) Benth & Hooker

Chenopodium graveolens Willdenow var. *neomexicanum* (Aellen) Aellen

Chenopodium inciscum Poirer var. *neomexicanum* Aellen

Teloxys graveolens (Willdenow) W.A. Weber

Eurotia lanata (Pursh) Moquin-Tandon = *Krascheninnikovia lanata* (Pursh) Meeuse & Smit

subspinosa Rydberg = *Krascheninnikovia lanata* (Pursh) Meeuse & Smit

Grayia hop-sage

Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. *The New Mexico Botanist* 24:1-4. [G. *spinosa*]

Holmgren, N. 2003. *Grayia*, pp. 306-307. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

brandegeei Gray var. *plummeri* Stutz & Sanderson = *Zuckia brandegeei* (Gray) Welsh & Stutz var. *plummeri* (Stutz & Sanderson) Welsh

spinosa (Hooker) Moquin-Tandon [Heil et al. 2002]

spiny hop-sage

Halogeton halogeton

Holmgren, N.H. 2003. *Halogeton*, pp. 403-404. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

**glomeratus* (Bieberstein) C. A. Meyer [Holmgren 2003; M&H]

halogeton

Halostachys occidentalis S. Watson = *Allenrolfea occidentalis* (S. Watson) Kuntze

Kochia kochia

Blackwell, W.H., M.D. Baechele, & G. Williamson. 1978. Synopsis of *Kochia* (Chenopodiaceae) in North America. *Sida* 7:248-254.

Mosyakin, S. 2003. *Kochia*, pp. 310-312. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

Stevens, R., K.R. Jorgensen, E.D. McArthur, & J.N. Davis. 1985. 'Immigrant' forage kochia. *Rangelands* 7(1):22-23. [*Kochia prostrata*]

americana S. Watson [M&H; W&S]

green molly

hyssopifolia (Pallas) Schrader = *Bassia hyssopifolia* (Pallas) Kuntze

**prostrata* (Linnaeus) Schrader [Stevens et al. 1985]

prostrate summer cypress

**scoparia* (Linnaeus) Roth [M&H]

Mexican fireweed, kochia

Bassia sieversiana (Pallas) W.A. Weber

Kochia sieversiana (Pallas) C.A. Meyer

sieversiana (Pallas) C.A. Meyer = *Kochia scoparia* (Linnaeus) Roth

Krascheninnikovia winterfat

Holmgren, N. 2003. *Krascheninnikovia*, pp. 307-308. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

Howell, J.T. 1971. A new name for winterfat. *Wasmann J. Biol.* 29:105.

Meeuse, A.D.J. & A. Smit. 1971. A new combination in *Krascheninnikovia* (Chenopodiaceae). *Taxon* 20:644.

lanata (Pursh) Meeuse & Smits [M&H; W&S]

winterfat

Ceratoides lanata (Pursh) J.T. Howell

Diotis lanata Pursh

Eurotia lanata (Pursh) Moquin-Tandon

Eurotia subspinosa Rydberg

Monolepis poverty-weed

Holmgren, N.H. 2003. *Monolepis*, pp. 300-301. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

nuttalliana (Schultes) Greene [Holmgren 2003; M&H; W&S]

Nuttall poverty-weed

Blitum nuttallianum Schultes

Nitrophila occidentalis (Moquin-Tandon) S. Watson : Reported as expected by M&H map; awaits verification.

Obione confertifolia Torrey & Fremont = *Atriplex confertifolia* (Torrey & Fremont) S. Watson

suckleyana Torrey = *Suckleya suckleana* (Torrey) Rydberg

Proatriplex pleiantha = *Atriplex pleiantha* W.A. Weber

Salicornia saltwort

Ball, P.W. 2003. *Salicornia*, pp. 382-384. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

Hershey, A.L. & P.J. Leyendecker, Jr. 1944. Notes on plants of New Mexico -- III. Leaf. West. Bot. 4(2):21-25. [*Salicornia rubra*]

Scott, A.J. 1977. Reinstatement and revision of Salicorniaceae. Bot. J. Linn. Soc. 75:357-374.

bigelovii Torrey : Reported by M&H, but this is a coastal species only, and not found in NM (Ball 2003).

rubra A. Nelson [Ball 2003; Hershey & Leyendecker 1944; M&H]

red saltwort

Salicornia europaea Linnaeus subsp. *rubra* (A. Nelson) Breitung

europaea Linnaeus subsp. *rubra* (A. Nelson) Breitung = *Salicornia rubra* A. Nelson

occidentalis (S. Watson) Greene = *Allenrolfea occidentalis* (S. Watson) Kuntze

utahensis Tidestrom = *Sarcocornia utahensis* (Tidestrom) A.J. Scott

Salsola Russian-thistle

Forbes, A.C. & K.W. Allred. 1999. An Investigation of *Salsola* Linnaeus (Chenopodiaceae) in New Mexico. The New Mexico Botanist 12:4-7.

Heil, K. & K.W. Allred. 2000. New plant distribution records. The New Mexico Botanist 16:7. [*Salsola paulsenii*]

Mosyakin, S.L. 1996. A taxonomic synopsis of the genus *Salsola* (Chenopodiaceae) in North America. Ann. Missouri Bot. Gard. 83:387-395.

Mosyakin, W. 2003. *Salsola*, pp. 398-403. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

australis R. Brown = *Salsola tragus* Linnaeus

atriplicifolia Sprengel = *Cycloloma atriplicifolia* (Sprengel) Coulter

***collina** P.S. Pallas [Forbes & Allred 1999; Mosyakin 2003]

slender Russian-thistle

depressa auct., non (Pursh) S. Watson = *Suaeda calceoliformis* (Hooker) Moquin

iberica (Sennen & Pau) Botschantzev ex Czerepanov = *Salsola tragus* Linnaeus

kali Linnaeus s.s. : Found only in coastal areas, not in NM.

kali Linnaeus var. *tenuifolia* Moquin-Tandon = *Salsola tragus* Linnaeus

***paulsenii** Litvinov [Heil & Allred 2000]

barbwire Russian-thistle

pestifer A. Nelson = *Salsola tragus* Linnaeus

platyphylla Michaux = *Cycloloma atriplicifolia* (Sprengel) Coulter

***tragus** Linnaeus [Forbes & Allred 1999; M&H; W&S]

Russian-thistle

Salsola australis R. Brown

Salsola kali Linnaeus var. *tenuifolia* Moquin-Tandon

Salsola iberica (Sennen & Pau) Botschantzev ex Czerepanov

Salsola pestifer A. Nelson

Sarcobatus greasewood

vermiculatus (Hooker) Torrey [M&H; W&S]

greasewood

Batis vermiculatus Hooker

Sarcocornia glasswort

Ball, P.W. 2003. *Sarcocornia*, pp. 384-387. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

Hershey, A.L. & P.J. Leyendecker, Jr. 1944. Notes on plants of New Mexico -- III. Leaf. West. Bot. 4(2):21-25. [*Salicornia utahensis*]

utahensis (Tidestrom) A.J. Scott [Ball 2003; Hershey & Leyendecker 1944; M&H]

Utah glasswort

Salicornia utahensis Tidestrom

Suaeda seepweed

Bassett, I.J. & C.W. Crompton. 1978. The genus *Suaeda* in Canada. Can. J. Bot. 56:581-591.

Ferren, W.R. Jr. & H.J. Schenk. 2003. *Suaeda*, pp. 390-398. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

Hopkins, C.O. & W.H. Blackwell, Jr. 1977. Synopsis of *Suaeda* (Chenopodiaceae) in North America. Sida 7:147-173.

McNeill, J., I.J. Bassett, & C.W. Crompton. 1977. *Suaeda calceoliformis*, the correct name for *Suaeda depressa* auct. Rhodora 79:133-137.

Schenk, H.J. & W.R. Ferren, Jr. 2001 On the sectional nomenclature of *Suaeda* (Chenopodiaceae). Taxon 50:857-873.

calceoliformis (Hooker) Moquin-Tandon [Ferren & Schenk 2003; M&H; W&S]

low seepweed

Dondia depressa auct., non (Pursh) Britton

Dondia erecta of NM authors

Salsola depressa auct., non Pursh

Suaeda depressa auct., non (Pursh) S. Watson

Suaeda occidentalis (Watson) Watson

depressa auct., non (Pursh) S. Watson = *Suaeda calceoliformis* (Hooker) Moquin

diffusa S. Watson = *Suaeda nigra* (Rafinesque) Macbride

fruticosa sensu M&H = *Suaeda nigra* (Rafinesque) Macbride

moquinii (Torrey) Greene = *Suaeda nigra* (Rafinesque) Macbride

nigra (Rafinesque) Macbride [Ferren & Schenk 2003; M&H; W&S]

shrubby seepweed

Chenopodium nigrum Rafinesque

Dondia diffusa (S. Watson) Heller

Dondia moquini (Torrey) A. Nelson
Dondia nigra (Rafinesque) Standley
Dondia suffrutescens (S. Watson) Heller
Dondia torreyana (S. Watson) Standley
Suaeda diffusa S. Watson
Suaeda fruticosa sensu M&H
Suaeda moquini (Torrey) Greene
Suaeda nigrescens I.M. Johnston var. *glabra* I.M. Johnston
Suaeda suffrutescens S. Watson
Suaeda suffrutescens S. Watson var. *detonsa* Johnston
Suaeda torreyana S. Watson
Suaeda torreyana S. Watson var. *ramosissima* (Standley) Munz
nigrescens I.M. Johnston var. *glabra* I.M. Johnston = *Suaeda nigra* (Rafinesque) Macbride
occidentalis (Watson) Watson = *Suaeda calceoliformis* (Hooker) Moquin-Tandon
suffrutescens S. Watson = *Suaeda nigra* (Rafinesque) Macbride
suffrutescens S. Watson var. *detonsa* Johnston = *Suaeda nigra* (Rafinesque) Macbride
torreyana S. Watson = *Suaeda nigra* (Rafinesque) Macbride
torreyana S. Watson var. *ramosissima* (Standley) Munz = *Suaeda nigra* (Rafinesque) Macbride

Suckleya suckleya

Chu, G. 2003. *Suckleya*, pp. 305-306. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.
 Chu, G.L., H.C. Stutz, & S.C. Sanderson. 1991. Morphology and taxonomic position of *Suckleya suckleyana* (Chenopodiaceae). Amer. J. Bot. 78(1):63-68.
 Hershey, A.L. & P.J. Leyendecker, Jr. 1944. Notes on plants of New Mexico -- III. Leaf. West. Bot. 4(2):21-25.

suckleyana (Torrey) Rydberg [Chu 2003; Hershey & Leyendecker 1944; M&H]

poison suckleya

Obione suckleyana Torrey

Teloxys ambrosioides (Linnaeus) W.A. Weber = *Dysphania ambrosioides* (Linnaeus) Mosyakin & Clemants

botrys (Linnaeus) W.A. Weber = *Dysphania botrys* (Linnaeus) Mosyakin & Clemants

graveolens (Willdenow) W.A. Weber = *Dysphania graveolens* (Willdenow) Mosyakin & Clemants

Zuckia siltbush

McIntosh, L. 1985. Noteworthy collections (New Mexico). Madroño 32:192. [*Zuckia brandegeei*]

Stutz, H.C. & G.-L. Chu. 1987. Chromosome races of *Grayia brandegeei* (Chenopodiaceae). Madroño 34:142-149.

Welsh, S.L. 2003. *Zuckia*, pp. 303-305. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

brandegeei (Gray) Welsh & Stutz ex Welsh var. **plummeri** (Stutz & Sanderson) Dorn [McIntosh 1985; Stutz & Chu 1987; Welsh 2003]

siltbush

Grayia brandegeei Gray var. *plummeri* Stutz & Sanderson

Family CICHORIACEAE = ASTERACEAE

Family CISTACEAE

Lechea lechea

Worthington, R.D. 2000. New plant distribution records. The New Mexico Botanist 14:4. [*Lechea tenuifolia*]

tenuifolia Michaux [Worthington 2000]

pinweed

Family CLEOMACEAE

Hall, J.C., K.J. Systma, & H.H. Iltis. 2002. Phylogeny of Capparaceae and Brassicaceae based on chloroplast sequence data. Amer. J. Bot. 89:1826-1842.

Iltis, H.H. 1958. Studies in the Capparidaceae V. Capparidaceae of New Mexico. Southw. Naturalist 3:133-44.

Cleome beeplant

integrifolium Torrey & Gray = *Cleome serrulata* Pursh

lutea Hooker [Iltis 1958; M&H; W&S]

yellow spider-flower

Peritoma breviflorum Wootton & Standley

Peritoma luteum (Hooker) Rafinesque

multicaulis A.P. de Candolle [Iltis 1958; M&H]

slender spider-flower

Cleome sonorae Gray

Peritoma sonorae (Gray) Rydberg

serrulata Pursh [Iltis 1958; M&H; W&S]

Rocky Mountain beeplant

Cleome integrifolium Torrey & Gray

Peritoma serrulatum (Pursh) A.P. de Candolle

sonorae Gray = *Cleome multicaulis* A.P. de Candolle

uniglandulosa Cavanilles = *Polanisia dodecandra* (Linnaeus) A.P. de Candolle subsp. *uniglandulosa* (Cavanilles) Iltis

Cleomella stinkweed

Holmgren, P.K. & A. Cronquist. 2005. *Cleomella*, p.1661-172. IN: Holmgren, N.H., P.K. Holmgren, & A. Cronquist. Intermountain Flora, vol. 2, pt. B. [Cleomella obtusifolia]

longipes Torrey [M&H; W&S]

- Chiricahua Mountain stinkweed
 **obtusifolia* Torrey & Fremont [Homgren & Cronquist 2005]
 Mojave stinkweed
palmerana M.E. Jones [Sivinski et al. 1995]
 Rocky Mountain stinkweed
Koerberlinia = see Koerberliniaceae
Peritoma breviflorum Wooton & Standley = *Cleome lutea* Hooker
luteum (Hooker) Rafinesque = *Cleome lutea* Hooker
serrulatum (Pursh) A.P. de Candolle = *Cleome serrulata* Pursh
sonorae (Gray) Rydberg = *Cleome multicaulis* A.P. de Candolle
Polanisia clammyweed
 Willson, J., R. Spellenberg, & H. Wolfe. 1979. Noteworthy collections (New Mexico). *Madroño* 26:48. [*Polanisia jamesii*]
dodecandra (Linnaeus) A.P. de Candolle subsp. *trachysperma* (Torrey & Gray) Iltis [Iltis 1958; M&H; W&S]
 red-whisker clammyweed
Polanisia trachysperma Torrey & Gray
dodecandra (Linnaeus) A.P. de Candolle subsp. *uniglandulosa* (Cavanilles) Iltis [Iltis 1958; M&H; W&S]
 red-whisker clammyweed
Cleome uniglandulosa Cavanilles
Polanisia uniglandulosa (Cavanilles) A.P. de Candolle
jamesii (Torrey & Gray) Iltis [Willson et al. 1979]
 James's clammyweed
trachysperma Torrey & Gray = *Polanisia dodecandra* (Linnaeus) A.P. de Candolle subsp. *dodecandra* var. *trachysperma* (Torrey & Gray) Iltis
uniglandulosa (Cavanilles) A.P. de Candolle = *Polanisia dodecandra* (Linnaeus) A.P. de Candolle subsp. *uniglandulosa* (Cavanilles) Iltis
Wislizenia jack-ass clover
refracta Engelm. [Iltis 1958; M&H; W&S]
 jack-ass clover

Family CLUSIACEAE (GUTTIFERAE)

[Hypericaceae]

- Hypericum** St. John's-wort
 Robson, N.K.B. 2002. Studies in the genus *Hypericum* L. (Guttiferae) 4(2). Section 9. *Hypericum* sensu lato (part 2): subsection 1. *Hypericum* series 1. *Hypericum*. Bull Nat. Hist. Mus., Bot. 32:61-123.
 Peterson, R.S. 2000. New plant distribution records. The New Mexico Botanist 15:7. [*Hypericum perforatum*]
formosum Kunth : Robson (2002) applies this name to central Mexican populations distinct from ours.
scouleri Hooker [M&H; W&S]
 St. John's-wort
Hypericum formosum Kunth var. *scouleri* (Hooker) Coulter
formosum Kunth var. *scouleri* (Hooker) Coulter = *Hypericum scouleri* Hooker
perforatum Linnaeus [Peterson 2000]
 St. John's-wort, Klamath weed

Family COCHLOSPERMACEAE = BIXACEAE

Family COMPOSITAE = ASTERACEAE

Family CONVULVULACEAE

[Dichondraceae]

- Austin, D.F. 1990. Annotated checklist of New Mexican Convolvulaceae. *Sida* 14(2):273-286.
Calystegia hedge bindweed
macounii (Greene) Brummitt [Austin 1990]
 Macoun's bindweed
 **sepium* (Linnaeus) R. Brown subsp. *angulata* Brummitt [Austin 1990; M&H; W&S]
 hedge bindweed
Convolvulus sepium Linnaeus
Convolvulus bindweed
 **arvensis* Linnaeus [Austin 1990; M&H; W&S]
 field bindweed
equitans Benth. [Austin 1990; M&H; W&S]
 Texas bindweed
Convolvulus incanus Vahl
incanus Vahl = *Convolvulus equitans* Benth.
sepium Linnaeus = *Calystegia sepium* (Linnaeus) R. Brown subsp. *angulata* Brummitt
Cressa alkali-weed
truxillensis Humboldt, Bonpland, & Kunth [Austin 1990; M&H; W&S]
 alkali-weed

Cressa truxillensis Humboldt, Bonpland, & Kunth var. *vallicola* (Heller) Munz
Cressa vallicola Heller
truxillensis Humboldt, Bonpland, & Kunth var. *vallicola* (Heller) Munz = *Cressa truxillensis* Humboldt, Bonpland, & Kunth
vallicola Heller = *Cressa truxillensis* Humboldt, Bonpland, & Kunth
Cuscuta = see CUSCUTACEAE
Dichondra pony's-foot
argentea Humboldt & Bonpland ex Willdenow [Austin 1990; M&H; W&S]
 silver pony's-foot
brachypoda Wootton & Standley [Austin 1990; M&H; W&S]
 New Mexico pony's-foot
Evolvulus morning-glory
alsinoides Linnaeus var. *angustifolius* Torrey [Austin 1990; M&H; W&S]
 slender morning-glory
Evolvulus linifolius Linnaeus
argenteus Pursh = *Evolvulus nuttallianus* Roemer & Schultes
arizonicus Gray [Austin 1990; M&H; W&S]
 Arizona morning-glory
Evolvulus arizonicus Gray var. *laetus* (Gray) van Oostr.
Evolvulus laetus Gray
arizonicus Gray var. *laetus* (Gray) van Oostr. = *Evolvulus arizonicus* Gray
laetus Gray = *Evolvulus arizonicus* Gray
linifolius Linnaeus = *Evolvulus alsinoides* Linnaeus var. *angustifolius* Torrey
nuttallianus Roemer & Schultes [Austin 1990; M&H; W&S]
 shaggy morning-glory
Evolvulus argenteus Pursh
Evolvulus oreophilus Greene
Evolvulus pilosus Nuttall
oreophilus Greene = *Evolvulus nuttallianus* Roemer & Schultes
pilosus Nuttall = *Evolvulus nuttallianus* Roemer & Schultes
sericeus Swartz var. *discolor* (Benth) Gray = *Evolvulus sericeus* Swartz var. *sericeus*
sericeus Swartz var. *sericeus* [Austin 1990; M&H; W&S]
 silvery morning-glory
Evolvulus sericeus Swartz var. *discolor* (Benth) Gray
Evolvulus wilcoxianus House
wilcoxianus House = *Evolvulus sericeus* Swartz var. *sericeus*
Ipomoea morning-glory
 McDonald, A. 1984. *Ipomoea dumetorum* (Convolvulaceae): an amphitropical disjunct morning glory in the southwestern United States. *Sida* 10:252-254.
 McDonald, J.A. 1995. Revision of *Ipomoea* section *Leptocallis* (Convolvulaceae). *Harvard Papers in Botany* 6:97-122.
 Soreng, R. & R. Spellenberg. 1981. Noteworthy collections (New Mexico). *Madroño* 28:87-88. [*Ipomoea plummerae* var. *cuneifolia*]
barbatisepala Gray [Austin 1990; M&H]
 canyon morning-glory
capillacea (Humboldt, Bonpland, & Kunth) G. Don [Austin 1990; M&H; W&S]
 purple morning-glory
Ipomoea muricata Cavanilles
Ipomoea patens (Gray) House
cardiophylla Gray [Austin 1990; M&H; W&S]
 dutchman's-pipe morning-glory
coccinea auct., non Linnaeus var. *coccinea* = *Ipomoea cristulata* H. Hall.
coccinea auct., non Linnaeus var. *hederifolia* (Linnaeus) Gray = *Ipomoea cristulata* H. Hall.
costellata Torrey [Austin 1990; M&H; W&S]
 crested morning-glory
cristulata H. Hall [Austin 1990; M&H; W&S]
 Trans-Pecos morning-glory
Ipomoea coccinea auct., non Linnaeus var. *coccinea*
Ipomoea coccinea auct., non Linnaeus var. *hederifolia* (Linnaeus) Gray
Quamoclit coccinea (auct., non Linnaeus) Moench
Quamoclit hederifolia (auct., non Linnaeus) Choisy
desertorum House = *Ipomoea purpurea* (Linnaeus) Roth
dumetorum Willdenow ex Roemer & Schultes [Austin 1990; McDonald 1984]
 railway-creeper
egregia House = *Ipomoea plummerae* Gray var. *cuneifolia* (Gray) Macbride
 **hederacea* (Linnaeus) Jacquin [Austin 1990; M&H]
 ivy-leaf morning-glory
Pharbitis hederacea (Linnaeus) Choisy
hirsutula Jacquin f. = *Ipomoea purpurea* (Linnaeus) Roth
leptophylla Torrey [Austin 1990; M&H; W&S]

bush morning-glory

leptotoma Torrey = *Ipomoea ternifolia* Cavanilles var. *leptotoma* (Torrey) McDonald

lindheimeri Gray [Austin 1990; M&H; W&S]

Lindheimer's morning-glory

Pharbitis lindheimeri (Gray) Small

longifolia Bentham : Reported by M&H, but not occurring in NM (Austin 1990).

mexicana Gray = *Ipomoea purpurea* (Linnaeus) Roth

muricata Cavanilles = *Ipomoea capillacea* (Humboldt, Bonpland, & Kunth) G. Don

patens (Gray) House = *Ipomoea capillacea* (Humboldt, Bonpland, & Kunth) G. Don

plummerae Gray var. ***cuneifolia*** (Gray) Macbride [Austin 1990; McDonald 1995; Soreng & Spellenberg 1981]

Huachuca morning-glory

Ipomoea egregia House

plummerae Gray var. ***plummerae*** [Austin 1990]

Plummer's morning-glory

pubescens Lamarck [Austin 1990]

silky morning-glory

****purpurea*** (Linnaeus) Roth [Austin 1990; M&H; W&S]

common morning-glory

Ipomoea desertorum House

Ipomoea hirsutula Jacquin f.

Ipomoea mexicana Gray

tenuiloba Torrey var ***tenuiloba*** [Austin 1990; M&H; W&S]

spiderleaf

ternifolia Cavanilles var. ***leptotoma*** (Torrey) McDonald [Austin 1990; M&H]

three-leaf morning-glory

Ipomoea leptotoma Torrey

Pharbitis hederacea (Linnaeus) Choisy = *Ipomoea hederacea* (Linnaeus) Jacquin

lindheimeri (Gray) Small = *Ipomoea lindheimeri* Gray

Quamoclit coccinea (auct., non Linnaeus) Moench = *Ipomoea cristulata* H. Hall.

hederifolia (auct., non Linnaeus) Choisy = *Ipomoea cristulata* H. Hall.

Family **CORRIGIOLACEAE** = **CARYOPHYLLACEAE**

Family **CORNACEAE**

Cornus dogwood

Eyde, R.H. 1987. The case for keeping *Cornus* in the broad Linnaean sense. *Syst. Bot.* 12:509-518.

Ferguson, I.K. 1966. Notes on the nomenclature of *Cornus*. *J. Arnold Arbor.* 47:100-105.

canadensis Linnaeus [M&H]

Canadian bunchberry

instolonea A. Nelson = *Cornus stolonifera* Michaux

sericea Linnaeus subsp. ***sericea*** [M&H; W&S]

red-osier dogwood

Cornus instolonea A. Nelson

Cornus sericea Linnaeus subsp. *stolonifera* (Michaux) Fosberg

Cornus stolonifera Michaux

sericea Linnaeus subsp. *stolonifera* (Michaux) Fosberg = *Cornus sericea* Linnaeus subsp. *sericea*

stolonifera Michaux = *Cornus sericea* Linnaeus subsp. *sericea*

Garrya = see **GARRYACEAE**

Family **CRASSULACEAE**

Clemensia rhodantha (Gray) Rose = *Sedum rhodanthum* Gray

Cotyledon rusbyi Greene = *Graptopetalum rusbyi* (Greene) Rose

Graptopetalum leather-petal

Sivinski, R. & K. Lightfoot, eds. 1994. Inventory of rare and endangered plants of New Mexico. New Mexico Forestry and Resources Conservation Division,

Misc. Publ. No. 3. [*Graptopetalum rusbyi*]

rusbyi (Greene) Rose [Sivinski & Lightfoot 1994]

Rusby's leather-petal

Cotyledon rusbyi Greene

Rhodiola integrifolia Rafinesque = *Sedum integrifolium* (Rafinesque) A. Nelson subsp. *integrifolium*

neomexicana Britton = *Sedum integrifolium* (Rafinesque) A. Nelson subsp. *neomexicanum* (Britton) Clausen

polygama (Rydberg) Britton & Rose = *Sedum integrifolium* (Rafinesque) A. Nelson subsp. *neomexicanum* (Britton) Clausen

Sedum stonecrop

Clausen, R.T. 1975. *Sedum* of North America North of the Mexican Plateau. Cornell University Press, Ithaca, New York. 742 pp.

Clausen, R.T. 1979. *Sedum* in six areas of the Mexican Cordilleran Plateau. *Bull. Torrey Bot. Club* 106(3):205-216.

cockerellii Britton [Clausen 1975; M&H; W&S]

Cockerell's stonecrop

Sedum griffithsii Rose

Sedum wootonii Britton
griffithsii Rose = *Sedum cockerellii* Britt
integrifolium (Rafinesque) A. Nelson subsp. *integrifolium* [Clausen 1975; M&H]
 rosewort
Rhodiola integrifolia Rafinesque
Thodiola integrifolia Rafinesque
 +*integrifolium* (Rafinesque) A. Nelson subsp. *neomexicanum* (Britton) Clausen [Clausen 1975; M&H; W&S]
 New Mexico rosewort
Rhodiola neomexicana Britton
Rhodiola polygama (Rydberg) Britton & Rose
integrifolium (Rafinesque) A. Nelson subsp. *procerum* Clausen [Clausen 1975]
 rosewort
lanceolatum Torrey subsp. *lanceolatum* [Clausen 1975; M&H; W&S]
 rosewort
Sedum stenopetalum sensu W&S
rhodanthum Gray [Clausen 1975; M&H; W&S]
 queen's-crown
Clemensia rhodantha (Gray) Rose
 rosea (Linnaeus) Scopoli : Reported by Correll & Correll (1972), but this species occurs far to the east of NM (Clausen 1975).
stelliforme S. Watson [Clausen 1975; M&H; W&S]
 Huachuca Mountain stonecrop
stenopetalum sensu W&S = *Sedum lanceolatum* Torrey
wootonii Britton = *Sedum cockerellii* Britton
wrightii Gray subsp. *priscum* R.T. Clausen [Clausen 1975, 1979; M&H; W&S]
 Wright's stonecrop
Tillaea aquatica Linnaeus [*Crassula aquatica* (Linnaeus) Schoenlein] : The report by Adams (1998) was in error; M&H list the name questionably for NM; awaits verification.
Thodiola integrifolia Rafinesque = *Sedum integrifolium* (Rafinesque) A. Nelson subsp. *integrifolium*

Family CROSSOSOMATACEAE

Apachea Apache-bush
 Knight, P.J., C.R. Wahl, & R. Fletcher. 1984. Noteworthy collections (New Mexico). *Madroño* 31:63.
 Spellenberg, R., M. Mahrt & R. Brozka. 1991. Noteworthy collections, New Mexico. *Madroño* 38:298-301.
chiricahuensis Mason [Knight et al. 1984; Spellenberg et al. 1991]
 Apache-bush
Forsellesia planitierum Ensign = *Glossopetalon planitierum* (Ensign) St. John
spinescens (Gray) Greene = *Glossopetalon spinescens* Gray
Glossopetalon greasebush
 Brooks, R.E. 1984. An addition to the New Mexico flora, *Glossopetalon planitierum* (Crossosomataceae). *Sida* 10:321-322.
 Holmgren, N. 1988. *Glossopetalon* (Crossosomataceae) and a new variety of *G. spinescens* from the Great Basin, U.S.A. *Brittonia* 40:269-274.
planitierum (Ensign) St. John [Brooks 1984]
 plains greasebush
Forsellesia planitierum Ensign
spinescens Gray [M&H; W&S]
 spiny greasebush
Forsellesia spinescens (Gray) Greene

Family CRUCIFERAE = BRASSICACEAE

Family CUCURBITACEAE

Jeffrey, C. 1990. Appendix: An outline classification of the Cucurbitaceae, pp. 449-463. IN: D.M. Bates, R.W. Robinson, & C. Jeffrey, eds. *Biology and utilization of the Cucurbitaceae*. Cornell University Press, Ithaca, NY.

Apodanthera melon-loco
undulata Gray [M&H; W&S]
 melon-loco

Citrullus watermelon
 Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. *Sida* 11(4):455-470. [*Citrullus vulgaris* var. *citroides*]
citrullus (Linnaeus) Small = *Citrullus lanatus* (Thunberg) Matsumura & Nakai var. *lanatus*
 **lanatus* (Thunberg) Matsumura & Nakai var. *citroides* (Bailey) Mansf. [Spellenberg et al. 1986]
 citron
Citrullus vulgaris Schrader var. *citroides* Bailey
 **lanatus* (Thunberg) Matsumura & Nakai var. *lanatus* [M&H; W&S]
 watermelon
Citrullus citrullus (Linnaeus) Small
Citrullus vulgaris Schrader
vulgaris Schrader = *Citrullus lanatus* (Thunberg) Matsumura & Nakai var. *lanatus*

vulgaris Schrader var. *citroides* Bailey = *Citrullus lanatus* (Thunberg) Matsumura & Nakai var. *citroides* (Bailey) Mansf.

Cucumis melon

Hershey, A.L. 1938. Notes on plants of New Mexico -- 1. Leaflets of Western Botany 2(8):138. [*Cucumis myriocarpus*]

Kirkbride, J.H. 1993. Biosystematic monograph of the genus *Cucumis* (Cucurbitaceae): botanical identification of cucumbers and melons. Boone, N.C.: Parkway Publishers.

**melo* Linnaeus [M&H; W&S]

cantaloupe, melon

myriocarpus Naudin : Reported by Hershey (1938) from around farms near Lovington, but probably only a one-time escape and not known to have persisted in the wild in NM.

Cucurbita gourd

Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4. [*C. pepo pepo*]

Sivinski, R. & K. Lightfoot, eds. 1994. Inventory of rare and endangered plants of New Mexico. New Mexico Forestry and Resources Conservation Division, Misc. Publ. No. 3. [*Cucurbita texana*]

digitata Gray [M&H; W&S]

finger-leaf gourd

foetidissima Humboldt, Bonpland, & Kunth [M&H; W&S]

buffalo gourd

Cucurbita perennis Gray

Pepo foetidissima (Humboldt, Bonpland, & Kunth) Britton

**pepo* Linnaeus var. *pepo* [Heil et al. 2002]

field pumpkin

pepo Linnaeus var. *texana* (Scheele) Decker [Sivinski & Lightfoot 1994]

field pumpkin

perennis Gray = *Cucurbita foetidissima* Humboldt, Bonpland, & Kunth

Cyclanthera cyclanthera

Wagner, W.L. 1979. New records to the Animas Mountain flora, New Mexico. Southw. Naturalist 24(2):291-296. [*Cyclanthera dissecta*]

dissecta (Torrey & Gray) Arnott [M&H; Wagner 1979]

cut-leaf cyclanthera

Echinocystis wild cucumber

gilensis Greene = *Marah gilensis* (Greene) Greene

lobata (Michaux) Torrey & Gray [M&H]

wild cucumber

Micrampelis lobata (Michaux) Greene

wrightii (Gray) Cogniaux = *Echinopepon wrightii* (Gray) S. Watson

Echinopepon balsam-apple

Stocking, K.M. 1955. Some considerations of the genera *Echinocystis* and *Echinopepon* in the United States and northern Mexico. Madroño 13:84-100. [*Echinopepon coulteri*]

confusus Rose = *Echinopepon wrightii* (Gray) S. Watson

coulteri (Gray) Rose [Stocking 1955]

Coulter's balsam-apple

wrightii (Gray) S. Watson [M&H; W&S]

Wright's balsam-apple

Echinocystis wrightii (Gray) Cogniaux

Echinopepon confusus Rose

Elaterium wrightii Gray

Elaterium wrightii Gray = *Echinopepon wrightii* (Gray) S. Watson

Ibervillea globeberry

Kearns, D.M. 1994. The genus *Ibervillea* (Cucurbitaceae): An enumeration of the species and two new combinations. Madroño 41(1):13-22.

lindheimeri (A. Gray) Greene [Kearns 1994]

Lindheimer's globeberry

Ibervillea tripartita (Naud.) Greene

tenuisecta (Gray) Small [M&H; W&S]

deer-apples

Sicydium lindheimeri Gray var. *tenuisectum* Gray

tripartita (Naud.) Greene = *Ibervillea lindheimeri* (A. Gray) Greene

Marah manroot

gilensis (Greene) Greene [M&H; W&S]

Gila manroot

Echinocystis gilensis Greene

Megarrhiza gilensis Greene

Micrampelis gilensis (Greene) Britton

Megarrhiza gilensis Greene = *Marah gilensis* (Greene) Greene

Micrampelis gilensis (Greene) Britton = *Marah gilensis* (Greene) Greene

lobata (Michaux) Greene = *Echinocystis lobata* (Michaux) Torrey & Gray

Momordica balsam-apple

Spellenberg, R. 1996. New plant distribution records. The New Mexico Botanist 4:8. [*Momordica balsamina*]

- ***balsamina** Linnaeus [Spellenberg 1996]
balsam-apple
- Pepo foetidissima* (Humboldt, Bonpland, & Kunth) Britton = *Cucurbita foetidissima* Humboldt, Bonpland, & Kunth
- Sicydium lindheimeri* Gray var. *tenuisectum* Gray = *Ibervillea tenuisecta* (Gray) Small
- Sicyos** bur-cucumber
- ampelophyllus** Wooton & Standley [M&H; W&S]
streamside bur-cucumber
Sicyos laciniatus Linnaeus var. *subintigera* Cogniaux
- glaber** Wooton [M&H; W&S]
smooth bur-cucumber
- laciniatus* Linnaeus var. *subintigera* Cogniaux = *Sicyos ampelophyllus* Wooton & Standley
- parviflorus** Willdenow [M&H; W&S]
small bur-cucumber
- Sicyosperma** arrowheads
- gracile** Gray [M&H]
climbing arrowheads

Family CUSCUTACEAE

Austin, D.F. 1986. Cuscutaceae, pp. 661-666. IN: Great Plains Flora Association. Flora of the Great Plains. University Press of Kansas, Lawrence.

- Cuscuta** dodder
- Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Cuscuta applanata*, *C. cuspidata*]
- Costea, M., G.L. Nesom, & S. Stefanovic. 2006. Taxonomy of the *Cuscuta pentagona* complex (Convolvulaceae) in North America. Sida 22(1):151-176.
- Costea, M., G.L. Nesom, & S. Stefanovic. 2006. Taxonomy of the *Cuscuta salina-californica* complex (Convolvulaceae). Sida 22(1):177-195.
- Costea, M., G.L. Nesom, & S. Stefanovic. 2006. Taxonomy of *Cuscuta gronovii* and *Cuscuta umbrosa* (Convolvulaceae). Sida 22(1):197-207.
- Costea, M., G.L. Nesom, & S. Stefanovic. 2006. Taxonomy of the *Cuscuta indecora* (Convolvulaceae) complex in North America. Sida 22(1):209-225.
- Peterson, R.S. 2000. New plant distribution records. The New Mexico Botanist 15:7. [*Cuscuta warneri*]
- Yuncker, T.G. 1921. Revision of the North American and West Indian species of *Cuscuta*. III. Biol. Monogr. 6:7-141.
- Yuncker, T.G. 1932. The genus *Cuscuta*. Memoirs of the torrey Botanical Club 18(2): 113 - 331. [*Cuscuta fasciculata*, *C. approximata urceolata*]
- Yuncker, T.G. 1965. *Cuscuta*. North American Flora, ser. II, pt 4:1-51.
- applanata** Engelmam [Allred 1999]
Gila River dodder
- ***approximata** Babington [Yuncker 1932]
alfalfa dodder
Cuscuta approximata Babington var. *urceolata* (Kunze) Yuncker
- approximata* Babington var. *urceolata* (Kunze) Yuncker = *Cuscuta approximata* Babington
- campestris** Yuncker [Costea et al. 2006; M&H]
field dodder
Cuscuta pentagona Engelmam var. *calycina* Engelmam
Cuscuta pentagona Engelmam var. *pubescens* (Engelmam) Yuncker
- cephalanthii** Engelmam [M&H]
buttonbush dodder
- coryli** Engelmam [Costea et al. 2006; M&H]
hazel dodder
- curta* (Engelmam) Rydberg = *Cuscuta megalocarpa* Rydberg
- cuspidata** Engelmam [Allred 1999]
cusp dodder
- ***epithymum** Linnaeus [M&H]
clover dodder
- +**fasciculata** Yuncker [Yuncker 1932]
clustered dodder
- glabrior** (Engelmam) Yuncker [M&H]
smooth dodder
Cuscuta pentagona Engelmam var. *glabrior* (Engelmam) Gandhi, Thomas & Hatch
- glomerata** Choisy [Yuncker 1932]
rope dodder
- gronovii** Willdenow ex J.A. Schultes var. **gronovii** [Costea et al. 2006; M&H]
scaldweed
- gronovii** Willdenow ex J.A. Schultes var. **latiflora** Engelmam [Costea et al. 2006]
scaldweed
- indecora** Choisy [Costea et al. 2006; M&H]
large-seed dodder
- leptantha** Engelmam [M&H]
slender dodder
- megalocarpa** Rydberg [M&H]
big-fruit dodder
Cuscuta curta (Engelmam) Rydberg

mitriformis Engelman : Reported as expected by M&H map; awaits verification.
pentagona Engelman var. *calycina* Engelman = *Cuscuta campestris* Yuncker
pentagona Engelman var. *glabrior* (Engelman) Gandhi, Thomas & Hatch = *Cuscuta glabrior* (Engelman) Yuncker
pentagona Engelman s.s. : Not known from NM (Costea et al. 2006).
pentagona Engelman var. *pubescens* (Engelman) Yuncker = *Cuscuta glabrior* (Engelman) Yuncker
potosina Schaffner var. *globifera* Yuncker [Yuncker 1921, 1965]
 globe dodder
salina Engelman [Costea et al. 2006; M&H]
 goldenthread
squamata Engelman [M&H]
 scale-flower dodder
 **suaveolens* Seringe : Reported without documentation by Kartesz (1999); awaits verification.
tuberculata Brandegee [Yuncker 1921, 1965]
 popcorn dodder
umbrosa Beyrich ex Hooker [Costea et al. 2006]
 pale dodder
umbellata Humboldt, Bonpland, & Kunth [M&H]
 flat-globe dodder
warneri Yuncker [Costea et al. 2006; Peterson 2000]
 Warner's dodder

Family *DICHONDRACEAE* = *CONVOLVULACEAE*

Family **DIPSACACEAE**

Laferrere, J.E. 1994. Dipsacaceae. J. Ariz.-Nev. Acad. Sci. 27(2):201-202.
 McClintock, E. 1993. Dipsacaceae. p. 540-541, IN J.C. Hickman (editor). The Jepson Manual: Higher Plants of California. Univ. California Press.

Dipsacus teasel
 **fullonum* Linnaeus subsp. *sylvestris* (Hudson) Clapham [M&H; W&S]
 teasel
Dipsacus sylvestris Hudson
sylvestris Hudson = *Dipsacus fullonum* Linnaeus subsp. *sylvestris* (Hudson) Clapham

Family *EHRETIACEAE* = *BORAGINACEAE*

Family **ELAEAGNACEAE**

Graham, S.A. 1964. The Elaeagnaceae in the southeastern United States. J. Arnold Arbor. 45:274-278.

Elaeagnus oleaster
 **angustifolia* Linnaeus [M&H; W&S]
 Russian olive
Lepargyrea argentea (Pursh) Greene = *Shepherdia argentea* (Pursh) Nuttall
canadensis (Linnaeus) Greene = *Shepherdia canadensis* (Linnaeus) Nuttall
Shepherdia buffalo-berry
argentea (Pursh) Nuttall [M&H; W&S]
 silver buffalo-berry
Lepargyrea argentea (Pursh) Greene
canadensis (Linnaeus) Nuttall [M&H; W&S]
 russet buffalo-berry
Lepargyrea canadensis (Linnaeus) Greene

Family **ELATINACEAE**

Tucker, G.C. 1986. The genera of Elatinaceae in the southeastern United States. J. Arnold Arbor. 67:471-483.

Bergia bergia
texana (Hooker) Seubert ex Walpers [M&H]
 Texas bergia
Elatine waterwort
americana (Pursh) Arnott : This taxon occurs to the east of NM; our material is referred to *Elatine rubella* Rydberg
americana of NM works = *Elatine rubella* Rydberg
brachysperma Gray [M&H]
 short-seed waterwort
Elatine triandra Schkuhr. var. *brachysperma* (Gray) Fassett
rubella Rydberg [M&H; W&S]
 red-stem waterwort
Elatine americana of NM works
Elatine triandra of NM works
triandra of NM works = *Elatine rubella* Rydberg

triandra Schkuhr var. americana (Pursh) Fassett : This taxon occurs to the east of NM; our material referred to *Elatine rubella* Rydberg
triandra Schkuhr. var. *brachysperma* (Gray) Fassett = *Elatine brachysperma* Gray

Family *EPILOBIACEAE* = *ONAGRACEAE*

Family **ERICACEAE**

[Monotropaceae, Pyrolaceae, Vacciniaceae]

- Judd, W.S. & K.A. Kron. 1993. Circumscription of Ericaceae (Ericales) as determined by preliminary cladistic analyses based on morphological, anatomical, and embryological features. *Brittonia* 45:99-114.
Haber, E. 1992. Monotropaceae. *J. Ariz.-Nev. Acad. Sci.* 26(1):15-16.
Haber, E. 1992. Pyrolaceae. *J. Ariz.-Nev. Acad. Sci.* 26(1):22-28.
Haber, E. & J.E. Cruise. 1974. Generic limits in the Pyroloideae (Ericaceae). *Canad. J. Bot.* 52:877-883.
Kron, K.W. 1996. Phylogenetic relationships of Empetraceae, Epacridaceae, Ericaceae, Monotropaceae, and Pyrolaceae: Evidence from nuclear ribosomal 18S sequence data. *Ann. Bot.* 77:293-303.
Kron, K.A., W.S. Judd, P.F. Stevens, D.M. Crayn, A.A. Anderberg, P.A. Gadek, C.J. Quinn, & J.L. Luteyn. 2002. Phylogenetic classification of Ericaceae: Molecular and morphological evidence. *Bot. Rev.* 68(3):335-423.
Kron, K.A. & M.W. Chase. 1993. Systematics of the Ericaceae, Empetraceae, Epacridaceae and related taxa based upon *rbcl* sequence data. *Ann. Missouri Bot. Gard.* 80:735-741.

Arbutus madrone

arizonica (Gray) Sargent [M&H; W&S]

Arizona madrone

Arbutus xalapensis Humboldt, Bonpland, & Kunth var. *arizonica* Gray

texana Buckley [M&H; W&S]

Texas madrone

urva-ursi Linnaeus = *Arctostaphylos ura-ursi* (Linnaeus) Sprengel

xalapensis Humboldt, Bonpland, & Kunth var. *arizonica* Gray = *Arbutus arizonica* (Gray) Sargent

Arctostaphylos manzanita

Adams, J.E. 1940. A systematic study of the genus *Arctostaphylos* Adans. *Jour. Elisha Mitchell Soc.* 56:1-62.

pungens Kunth [M&H; W&S]

pointleaf manzanita

uva-ursi (Linnaeus) Sprengel [M&H; W&S]

bearberry

Arbutus urva-ursi Linnaeus

Daphnidostylis fendleriana Klotzsch

Chimaphila pipsissewa

acuta Rydberg = *Chimaphila umbellata* (Linnaeus) Nuttall var. *acuta* (Rydberg) Blake

dasystemma Torrey = *Chimaphila umbellata* (Linnaeus) Nuttall var. *acuta* (Rydberg) Blake

maculata (Linnaeus) Pursh var. *dasystemma* (Torrey) Kearney & Peebles : Reported as expected by M&H; awaits verification.

Chimaphila dasystemma Torrey

umbellata (Linnaeus) Nuttall var. *acuta* (Rydberg) Blake [M&H; W&S]

pipsissewa

Chimaphila acuta Rydberg

Daphnidostylis fendleriana Klotzsch = *Arctostaphylos ura-ursi* (Linnaeus) Sprengel

Erxlebenia minor (Linnaeus) Rydberg = *Pyrola minor* Linnaeus

Gaultheria wintergreen

humifusa (Graham) Rydberg [M&H]

alpine wintergreen

Hypopitys latisquama Rydberg = *Monotropa hypopitys* Linnaeus

monotropa Crantz = *Monotropa hypopitys* Linnaeus

Moneses wintergreen

uniflora (Linnaeus) Gray [M&H; W&S]

single-delight

Pyrola uniflora Linnaeus

Monotropa Indian-pipe

Haber, E. 1992. Monotropaceae. *J. Ariz.-Nev. Acad. Sci.* 26(1):15-16.

Wallace, G.D. 1975. Studies of the Monotropoideae (Ericaceae): Taxonomy and distribution. *Wasmann J. Biol.* 33:1-88.

hypopitys Linnaeus [M&H; W&S; Wallace 1975]

Indian-pipe

Hypopitys latisquama Rydberg

Hypopitys monotropa Crantz

Monotropa hypopitys Linnaeus var. *latisquama* (Rydberg) Kearney & Peebles

Monotropa latisquama (Rydberg) Hultén

hypopitys Linnaeus var. *latisquama* (Rydberg) Kearney & Peebles = *Monotropa hypopitys* Linnaeus

latisquama (Rydberg) Hultén = *Monotropa hypopitys* Linnaeus

uniflora Linnaeus : Reported as expected in NM by M&H; this seems unlikely in view of the distribution reported by Wallace (1975).

Orthilia wintergreen

Haber, E. 1992. Pyrolaceae. *J. Ariz.-Nev. Acad. Sci.* 26(1):22-28.

Haber, E. & J.E. Cruise. 1974. Generic limits in the Pyroloideae (Ericaceae). *Canad. J. Bot.* 52:877-883.

secunda (Linnaeus) House [M&H; W&S]

- sidebells
Pyrola secunda Linnaeus
Ramischia secunda (Linnaeus) Garcke
- Pterospora** pinedrops
andromedeae Nuttall [M&H; W&S]
 woodland pinedrops
- Pyrola** wintergreen
 Haber, E. 1987. Variability, distribution, and systematics of *Pyrola picta* s.l. (Ericaceae) in western North America. Syst. Bot. 12(2):324-335.
 Hartman, R.L. 1973. New plant records for New Mexico. Southwestern Naturalist 18(2):241-242. [*Pyrola minor*]
asarifolia Michaux [M&H; W&S]
 pink wintergreen
chlorantha Swartz [M&H; W&S]
 green-flower wintergreen
Pyrola virens Schweigger
elliptica Nuttall [M&H; W&S]
 shinleaf
minor Linnaeus [Hartman 1973; M&H]
 snowline wintergreen
Erxlebenia minor (Linnaeus) Rydberg
picta J.E. Smith [M&H; W&S]
 white-vein wintergreen
secunda Linnaeus = *Orthilia secunda* (Linnaeus) House
uniflora Linnaeus = *Moneses uniflora* (Linnaeus) Gray
virens Schweigger = *Pyrola chlorantha* Swartz
Ramischia secunda (Linnaeus) Garcke = *Orthilia secunda* (Linnaeus) House
- Vaccinium** blueberry
 Vander Kloet, S.P. & T.A. Dickinson. 1999. The taxonomy of *Vaccinium* section *Myrtillus*. Brittonia 51(2):231-254.
cespitosum Michaux [M&H]
 dwarf blueberry
myrtillus Linnaeus var. *oreophilum* [M&H; W&S]
 whortle-berry
Vaccinium oreophilum Rydberg
oreophilum Rydberg = *Vaccinium myrtillus* Linnaeus
scoparium Leiberg ex Coville [M&H; W&S]
 grouseberry

Family EUPHORBIACEAE

- Steinmann, V.W. & R.S. Felger. 1997. The Euphorbiaceae of Sonora, Mexico. Aliso 16:1-71.
 Webster, G.L. 1994. Synopsis of the genera and suprageneric taxa of Euphorbiaceae. Ann. Missouri Bot. Gard. 81:33-144.
- Acalypha** copperleaf
lindheimeri Müller Argoviensis [M&H; W&S]
 Lindheimer's copperleaf
neomexicana Müller Argoviensis [M&H; W&S]
 New Mexico copperleaf
ostryifolia Riddell [M&H]
 three-seed mercury
- Anisophyllum albomarginatum* (Torrey & Gray) Klotzsch & Garcke = *Chamaesyce albomarginata* (Torrey & Gray) Small
Aphora humilis Engelm. & Gray = *Ditaxis humilis* (Engelm. & Gray) Pax forma *humilis*
laevis Torrey = *Ditaxis humilis* (Engelm. & Gray) forma *laevis* (Gray ex Torrey) B.L. Turner
Argythamnia cyanophylla (Wooton & Standley) Ingram = *Ditaxis cyanophylla* Wooton & Standley
humilis (Engelm. & Gray) Müller Argoviensis = *Ditaxis humilis* (Engelm. & Gray) Pax forma *humilis*
laevis (Torrey) Müller Argoviensis = *Ditaxis humilis* (Engelm. & Gray) forma *laevis* (Gray ex Torrey) B.L. Turner
mercurialina (Nuttall) Müller Argoviensis = *Ditaxis mercurialina* (Nuttall) Coulter
neomexicana Müller Argoviensis = *Ditaxis neomexicana* (Müller Argoviensis) Heller
- Bernardia** bernardia
 Allred, K.W. 2002. *Bernardia* (Euphorbiaceae) in New Mexico. The New Mexico Botanist 24:5.
myricifolia of NM authors, non (Scheele) Benth. & Hooker = *Bernardia obovata* I.M. Johnston
obovata I.M. Johnston [Allred 2002; M&H; W&S]
 desert bernardia
Bernardia myricifolia of NM authors, non (Scheele) Benth. & Hooker
- Chamaesyce** spurge
 Allred, K.W. 2002. Plant distribution reports. The New Mexico Botanist 24:7. [*Chamaesyce hirta*]
 Allred, K.W. & J. Travis Columbus. 1989. Additions to the flora of New Mexico. Phytologia 67(5):361-365. [*Chamaesyce abramsiana*]
 Johnston, M.C. 1975. Studies of the *Euphorbia* species of the Chihuahuan Desert region and adjacent areas. Wrightia 5:120-143.
 Mayfield, M.H. 1993. New combinations in *Chamaesyce* A. Gray (Euphorbiaceae) from Texas and the Chihuahuan Desert. Phytologia 75(2):178-183.
 Sivinski, R., T. Lowrey, & R. Peterson. 1994. Additions to the native and adventive flora of New Mexico. Phytologia 76(6):473-479. [*Chamaesyce carunculata*]

Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. Sida 11(4):455-470. [*Chamaesyce geyeri* var. *wheeleriana*]

Webster, G.L. 1994. Synopsis of the genera and suprageneric taxa of Euphorbiaceae. Ann. Missouri Bot. Gard. 81:33-144.

Wheeler, L.C. 1941. *Euphorbia* subgenus *Chamaesyce* in Canada and the United States exclusive of southern Florida. Rhodora 43:97-154, 168-205, 223-286.

abramsiana (L.C. Wheeler) Koutnik [Allred & Columbus 1989]

Abrams spurge

Euphorbia abramsiana L.C. Wheeler

acuta (Engelmann) Millspaugh [M&H]

pointed spurge

Euphorbia acuta Engelmann

Euphorbia georgei Oudejans

albomarginata (Torrey & Gray) Small [M&H; W&S]

rattleweed spurge

Anisophyllum albomarginatum (Torrey & Gray) Klotzsch & Garcke

Euphorbia albomarginata Torrey & Gray

arizonica (Engelmann) Arthur [M&H]

Arizona spurge

Euphorbia arizonica Engelmann

Euphorbia versicolor Greene

brasiliensis (Lamarck) Small = *Chamaesyce hyssopifolia* (Linnaeus) Small

capitellata (Engelmann) Millspaugh [M&H]

head spurge

Euphorbia capitellata Engelmann

carunculata (Waterfall) Shinnars [Sivinski et al. 1994]

sand-dune spurge

Euphorbia carunculata Waterfall

chaetocalyx (Boissier) Wootton & Standley = *Chamaesyce fendleri* Torrey & Gray var. *chaetocalyx* Boissier

dioica (Kunth) Millspaugh [M&H; W&S]

royal spurge

Chamaesyce indivisa (Engelmann) Millspaugh

Euphorbia dioica Kunth. var. *indivisa* Engelmann

Euphorbia indivisa (Engelmann) Tidestrom

fendleri Torrey & Gray var. **chaetocalyx** (Boissier) Shinnars [M&H; W&S]

Fendler's spurge

Chamaesyce chaetocalyx (Boissier) Wootton & Standley

Chamaesyce fendleri Torrey & Gray var. *chaetocalyx* Boissier

fendleri (Torrey & Gray) Small var. **fendleri** [M&H; W&S]

Fendler's spurge

Euphorbia fendleri Torrey & Gray

fendleri Torrey & Gray var. *chaetocalyx* Boissier = *Chamaesyce chaetocalyx* (Boissier) Wootton & Standley

flagelliformis (Engelmann) Rydberg = *Chamaesyce parryi* (Engelmann) Rydberg

geyeri (Engelmann) Small [M&H; W&S]

Geyer's spurge

Chamaesyce geyeri (Engelmann) Small var. *wheeleriana* (Warnock & M.C. Johnston) Mayfield

Euphorbia geyeri Engelmann

Euphorbia geyeri Engelmann var. *wheeleriana* Warnock & M.C. Johnston

geyeri (Engelmann) Small var. *wheeleriana* (Warnock & M.C. Johnston) Mayfield = *Chamaesyce geyeri* (Engelmann) Small

glyptosperma (Engelmann) Small [M&H; W&S]

rib-seed spurge

Euphorbia glyptosperma Engelmann

hirta (Linnaeus) Millspaugh [Allred 2002]

pill-pod spurge

hypericifolia (Linnaeus) Millspaugh : Reported for NM by Kartesz (1999), citing Krochmal (1952); apparently a *lapsus calami*, as a search of that paper failed to find a reference to this species.

hyssopifolia (Linnaeus) Small [M&H]

hyssop-leaf spurge

Chamaesyce brasiliensis (Lamarck) Small

Euphorbia hyssopifolia Linnaeus

indivisa (Engelmann) Millspaugh = *Chamaesyce dioica* (Kunth) Millspaugh

lata (Engelmann) Small [M&H; W&S]

hoary spurge

Euphorbia dilatata Torrey & Gray, not Hochstetter ex A. Richard

Euphorbia lata Engelmann

Euphorbia rinconis M. E. Jones

maculata (Linnaeus) Small [M&H]

spotted spurge

Euphorbia maculata Linnaeus

- Euphorbia supina* Rafinesque
micromera (Boissier ex Engelm.) Wooton & Standley [M&H; W&S]
 desert spurge
Euphorbia micromera Boissier ex Engelm.
- missurica** (Rafinesque) Shinnery [M&H; W&S]
 prairie spurge
Chamaesyce petaloidea (Engelm.) Small
Euphorbia missurica Rafinesque var. *intermedia* (Engelm.) L.C. Wheeler
Euphorbia petaloidea Engelm.
- neomexicana* (Greene) Standley = *Chamaesyce serpyllifolia* (Persoon) Small
nutans (Lagasca) Small [W&S]
 eyebane
Euphorbia nutans Lagasca
Euphorbia preslii Gussone
- parryi** (Engelm.) Rydberg [M&H; W&S]
 Parry's spurge
Chamaesyce flagelliformis (Engelm.) Rydberg
Euphorbia parryi Engelm.
- petaloidea* (Engelm.) Small = *Chamaesyce missurica* (Rafinesque) Shinnery
prostrata (Aiton) Small [M&H]
 prostrate spurge
Euphorbia prostrata Aiton
- revoluta** (Engelm.) Small [M&H; W&S]
 curl-leaf spurge
Euphorbia revoluta Engelm.
- rugulosa* (Engelm.) Rydberg = *Chamaesyce serpyllifolia* (Persoon) Small
serpens (Humboldt, Bonpland, & Kunth) Small [M&H; W&S]
 matted spurge
Euphorbia serpens Humboldt, Bonpland, & Kunth
- serpyllifolia** (Persoon) Small [M&H; W&S]
 thyme-leaf spurge
Chamaesyce neomexicana (Greene) Standley
Chamaesyce rugulosa (Engelm.) Rydberg
Euphorbia neomexicana Greene
Euphorbia serpyllifolia Persoon
Euphorbia serpyllifolia Persoon var. *rugulosa* Engelm.
- serrula** (Engelm.) Wooton & Standley [M&H; W&S]
 saw-tooth spurge
Euphorbia serrula Engelm.
- setiloba** (Engelm. ex Torrey) Millspaugh ex Parish [M&H]
 shaggy spurge
Euphorbia setiloba Engelm. ex Torrey
- stictospora** (Engelm.) Small [M&H; W&S]
 slim-seed spurge
Euphorbia stictospora Engelm.
- vermiculata** (Rafinesque) House [M&H]
 worm-seed spurge
Euphorbia vermiculata Rafinesque
- villifera** (Scheele) Small [M&H]
 hairy spurge
Euphorbia villifera Scheele
- Croton** croton
- Alexander, P. 2006. Plant distribution reports (*Croton monanthogynus*). The New Mexico Botanist 36:7.
 Webster, G.L. 1992. Realignment in American *Croton* (Euphorbiaceae). Novon 2: 269-273.
 Webster, G.L. 1993. A provisional synopsis of the sections of the genus *Croton* (Euphorbiaceae). Taxon 42:793-823.
 Webster, G.L., M.J. Del-Arco-Aguilar, & B.A. Smith. 1996. Systematic distribution of foliar trichome type in *Croton* (Euphorbiaceae). Bot. J. Linnean Soc. 121:41-57.
- corymbulosus* Engelm. = *Croton pottsii* (Klotzsch) Müller Argoviensis
dioicus Cavanilles [M&H; W&S]
 grassland croton
Croton neomexicanus Müller Argoviensis
eremophilus Wooton & Standley = *Croton pottsii* (Klotzsch) Müller Argoviensis
fruticosus Engelm. ex Torrey [M&H; W&S]
 bush croton
glandulosus Linnaeus var. *lindheimeri* Müller Argoviensis [M&H]
 glandular croton

lindheimerianus Scheele [M&H]

Lindheimer's croton

luteovirens Wooton & Standley = *Croton texensis* (Klotzsch) Müller Argoviensis

monanthogynus Michaux [Alexander 2006]

prairie-tea

neomexicanus Müller Argoviensis = *Croton dioicus* Cavanilles

pottsii (Klotzsch) Müller Argoviensis [M&H; W&S]

leatherweed

Croton corymbulosus Engelman

Croton eremophilus Wooton & Standley

tenuis S. Watson : Reported by W&S, but not occurring in NM (M&H).

texensis (Klotzsch) Müller Argoviensis [M&H; W&S]

Texas croton

Croton luteovirens Wooton & Standley

Dichrophyllum marginatum (Pursh) Klotzsch & Garcke = *Euphorbia marginata* Pursh

Ditaxis silverbush

Turner, B.L. 2001. Biological status of *Argythamnia laevis* (Euphorbiaceae). Sida 19(3):621-622.

Webster, G.L. 1994. Synopsis of the genera and suprageneric taxa of Euphorbiaceae. Ann. Missouri Bot. Gard. 81:33-144.

cyanophylla Wooton & Standley [M&H; W&S]

silverbush

Argythamia cyanophylla (Wooton & Standley) Ingram

humilis (Engelmann & Gray) Pax forma *humilis* [M&H; W&S]

Aphora humilis Engelmann & Gray

Argythamia humilis (Engelmann & Gray) Müller Argoviensis

humilis (Engelmann & Gray) Pax forma *laevis* (Gray ex Torrey) B.L. Turner [M&H]

low silverbush

Aphora laevis Torrey

Argythamia laevis (Torrey) Müller Argoviensis

Ditaxis laevis (Gray ex Torrey) Heller

laevis (Gray ex Torrey) Heller = *Ditaxis humilis* (Engelmann & Gray) forma *laevis* (Gray ex Torrey) B.L. Turner

mercurialina (Nuttall) Coulter [M&H; W&S]

tall silverbush

Argythamia mercurialina (Nuttall) Müller Argoviensis

neomexicana (Müller Argoviensis) Heller [M&H; W&S]

New Mexico silverbush

Argythamia neomexicana Müller Argoviensis

Euphorbia spurge

Allred, K.W. 1996. New plant distribution records The New Mexico Botanist 4:6. [*Euphorbia peplus*]

Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Euphorbia odontadenia*]

Allred, K.W. 2001. New plant distribution records. The New Mexico Botanist 19:3. [*Euphorbia cyathophora*]

Cox, G.W. 2001. New plant distribution records. The New Mexico Botanist 20:8. [*Euphorbia myrsinites*]

Cronquist, A., N.H. Holmgren, & P.K. Holmgren. 1997. *Euphorbia*, pp.268-276. IN: Intermountain Flora, vol. 3A. New York Botanical Garden.

Hartman, R.L. 1973. New plant records for New Mexico. Southwestern Naturalist 18(2):241-242. [*Euphorbia esula*]

Hershey, A.L. & P.J. Leyendecker, Jr. 1944. Notes on plants of New Mexico -- III. Leaf. West. Bot. 4(2):21-25. [*Euphorbia antisiphilitica*]

Jercinovic, G. 2005. Plant distribution reports. The New Mexico Botanist 34:7. [*Euphorbia lathyris*]

Johnston, M.C. 1975. Studies of the *Euphorbia* species of the Chihuahuan Desert region and adjacent areas. Wrightia 5:120-143.

Krochmal, A. 1952. Seeds of weedy *Euphorbia* species and their identification. Weeds 1:243-255. [*Euphorbia esula*]

Oudejans, R. 1989. New names and new combinations in the genus *Euphorbia* Linnaeus (Euphorbiaceae). Phytologia 67(1):43-49.

Park, K. 1998. Monograph of *Euphorbia* sect. *Tithymalopsis* (Euphorbiaceae). Edinb. J. Bot. 55:161-208.

Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. Sida 11(4):455-470. [*Euphorbia eriantha*]

Tidestrom, I. & T. Kittell. 1941. A Flora of Arizona and New Mexico. The Catholic University of America Press, Washington, D.C. 897 pp. [*Euphorbia crenulata*]

Webster, G.L. 1994. Synopsis of the genera and suprageneric taxa of Euphorbiaceae. Ann. Missouri Bot. Gard. 81:33-144.

abramsiana L.C. Wheeler = *Chamaesyce abramsiana* (L.C. Wheeler) Koutnik

acuta Engelmann = *Chamaesyce acuta* (Engelmann) Millspaugh

albomarginata Torrey & Gray = *Chamaesyce albomarginata* (Torrey & Gray) Small

alta Norton [M&H; W&S]

tall spurge

Tithymalus altus (Norton) Wooton & Standley

antisiphilitica Zuccarini [Hershey & Leyendecker 1944; M&H]

candelilla

arizonica Engelmann = *Chamaesyce arizonica* (Engelmann) Arthur

arkansana Engelmann & Gray = *Euphorbia spathulata* Lamarck

arkansana Engelmann & Gray var. *atrosemina* Norton = *Euphorbia spathulata* Lamarck

bicolor Engelmann & Gray : Reported questionably by Kartesz (1999); awaits verification.

bifurcata Engelmann [M&H; Oudejans 1989; W&S]

Wooton's spurge

Euphorbia delicatula auct. non Boissier & Millspaugh

Euphorbia wootonii Oudejans

Zygophyllum delicatulum Wooton & Standley
bilobata Engelm [M&H; W&S]
 black-seed spurge
Zygophyllum bilobatum (Engelm) Standley
brachycera Engelm [M&H; W&S]
 horned spurge
Euphorbia lurida Engelm
Euphorbia montana Engelm
Euphorbia montana Engelm var. *robusta* Engelm
Euphorbia odontadenia Boissier
Euphorbia philora (Cockerell) Tidestrom
Euphorbia robusta (Engelm) Small ex Britton
Tithymalus brachycerus (Engelm) Small
Tithymalus luridus (Engelm) Wooton & Standley
Tithymalus mexicanus (Engelm) Wooton & Standley
Tithymalus montanus (Engelm) Small
Tithymalus robustus (Engelm) Small
capitellata Engelm = *Chamaesyce capitellata* (Engelm) Millspaugh
carunculata Waterfall = *Chamaesyce carunculata* (Waterfall) Shinn
chamaesula Boissier [M&H; W&S]
 mountain spurge
Tithymalus chamaesula (Boissier) Wooton & Standley
crenulata Engelm [Tidestrom & Kittell 1941]
 Chinese caps
cuphosperma (Engelm) Boissier [M&H; W&S]
 hairy-fruit spurge
Euphorbia dentata Michaux var. *cuphosperma* Engelm
Euphorbia dentata Michaux f. *cuphosperma* (Engelm) Fernald
Poinsettia cuphosperma (Engelm) Small
cyathophora Murray [Allred 2001]
 fire-on-the-mountain
davidii Subils [M&H; W&S]
 David's poinsettia
Euphorbia dentata of numerous authors
delicatula (Wooton & Standley) Boissier = *Euphorbia bifurcata* Engelm
dentata Michaux : Although *E. davidii* seems to be the predominant species of the *dentata/davidii* complex in NM, Cronquist et al. (1997) suggest that *E. dentata* Michaux could be found in NM as well; awaits verification.
Poinsettia dentata (Michaux) Klotzsch & Garcke
dentata Michaux forma *cuphosperma* (Engelm) Fernald = *Euphorbia cuphosperma* (Engelm) Boissier
dentata Michaux var. *cuphosperma* Engelm = *Euphorbia cuphosperma* (Engelm) Boissier
dictyosperma Fischer & Meyer = *Euphorbia spathulata* Linnaeus
dictyosperma Fischer & Meyer var. *mexicana* Engelm = *Euphorbia spathulata* Linnaeus
dilatata Torrey & Gray, not Hochstetter ex A. Richard = *Chamaesyce lata* (Engelm) Small
dioica Kunth. var. *indivisa* Engelm = *Chamaesyce dioica* (Kunth) Millspaugh
eriantha Benth [Spellenberg et al. 1986]
 beetle spurge
Poinsettia eriantha (Benth) Rose & Standley
***esula** Linnaeus [Hartman 1973; Krochmal 1952; M&H]
 leafy spurge, wolf's milk
Euphorbia esula Linnaeus subsp. *×pseudovirgata* (Schur) Govaerts
Euphorbia esula Linnaeus var. *uralensis* (Fischer ex Link) Dorn
Euphorbia ×pseudovirgata (Schur) Soó
Euphorbia uralensis Fischer ex Link
Tithymalus esula (Linnaeus) Scopoli
esula Linnaeus subsp. *×pseudovirgata* (Schur) Govaerts = *Euphorbia esula* Linnaeus
esula Linnaeus var. *uralensis* (Fischer ex Link) Dorn = *Euphorbia esula* Linnaeus
exstipulata Engelm [M&H; W&S]
 square-seed spurge
Zygophyllum exstipulatum (Engelm) Wooton & Standley
fendleri Torrey & Gray var. *chaetocalyx* Boissier = *Chamaesyce chaetocalyx* (Boissier) Wooton & Standley
fendleri Torrey & Gray var. *fendleri* = *Chamaesyce fendleri* (Torrey & Gray) Small
georgei Oudejans = *Chamaesyce acuta* (Engelm) Millspaugh
geyeri Engelm = *Chamaesyce geyeri* (Engelm) Small
geyeri Engelm var. *wheeleriana* Warnock & M.C. Johnston = *Chamaesyce geyeri* (Engelm) Small var. *wheeleriana* (Warnock & M.C. Johnston) Mayfield
glyptosperma Engelm = *Chamaesyce glyptosperma* (Engelm) Small
heterophylla Linnaeus [M&H; W&S]

Mexican fireplant

Poinsettia havanensis (Willdenow) Small

Poinsettia heterophylla (Linnaeus) Klotzsch & Garcke

hexagona Nuttall ex Sprengel [M&H]

six-angle spurge

Zygophyllum hexagonum (Nuttall ex Sprengel) Small

hyssopifolia Linnaeus = *Chamaesyce hyssopifolia* (Linnaeus) Small

indivisa (Engelmann) Tidestrom = *Chamaesyce dioica* (Kunth) Millspaugh

lata Engelmann = *Chamaesyce lata* (Engelmann) Small

lathyris Linnaeus [Jercinovic 2005]

moleplant

lurida Engelmann = *Euphorbia brachycera* Engelmann

maculata Linnaeus = *Chamaesyce maculata* (Linnaeus) Small

marginata Pursh [M&H; W&S]

snow-on-the-mountain

Dichrophyllum marginatum (Pursh) Klotzsch & Garcke

Lepadenia marginata (Pursh) Nieuwland

mexicana (Engelmann) Norton = *Euphorbia spathulata* Linnaeus

micromera Boissier = *Chamaesyce micromera* (Boissier ex Engelmann) Wooton & Standley

missurica Rafinesque var. *intermedia* (Engelmann) L.C. Wheeler = *Chamaesyce missurica* (Rafinesque) Shinnery

montana Engelmann = *Euphorbia brachycera* Engelmann

montana Engelmann var. *robusta* Engelmann = *Euphorbia brachycera* Engelmann

***myrsinites** Linnaeus [Cox 2001]

myrtle spurge

multicaulis Engelmann = *Euphorbia spathulata* Linnaeus

neomexicana Greene = *Chamaesyce serpyllifolia* (Persoon) Small

nutans Lagasca = *Chamaesyce nutans* (Lagasca) Small

odontadenia Boissier = *Euphorbia brachycera* Engelmann

parryi Engelmann = *Chamaesyce parryi* (Engelmann) Rydberg

***peplus** Linnaeus [Allred 1996]

petty spurge

Tithymalus peplus (Linnaeus) Gaertner

petaloidea Engelmann = *Chamaesyce missurica* (Rafinesque) Shinnery

philora (Cockerell) Tidestrom = *Euphorbia brachycera* Engelmann

preslii Gussone = *Chamaesyce nutans* (Lagasca) Small

prostrata Aiton = *Chamaesyce prostrata* (Aiton) Small

×pseudovirgata (Schur) Soó = *Euphorbia esula* Linnaeus

radians Benthams : Reported without documentation by Kartesz (1999); awaits verification.

revoluta Engelmann = *Chamaesyce revoluta* (Engelmann) Small

rinconis M. E. Jones = *Chamaesyce lata* (Engelmann) Small

robusta (Engelmann) Small ex Britton = *Euphorbia brachycera* Engelmann

serpens Humboldt, Bonpland, & Kunth = *Chamaesyce serpens* (Humboldt, Bonpland, & Kunth) Small

serpyllifolia Persoon = *Chamaesyce serpyllifolia* (Persoon) Small

serpyllifolia Persoon var. *rugulosa* Engelmann = *Chamaesyce serpyllifolia* (Persoon) Small

serrula Engelmann = *Chamaesyce serrula* (Engelmann) Wooton & Standley

setiloba Engelmann ex Torrey = *Chamaesyce setiloba* (Engelmann ex Torrey) Millspaugh

spathulata Lamarck [M&H; W&S]

warty spurge

Euphorbia arkansana Engelmann & Gray

Euphorbia arkansana Engelmann & Gray var. *atrosemina* Norton

Euphorbia dictyosperma Fischer & Meyer

Euphorbia dictyosperma Fischer & Meyer var. *mexicana* Engelmann

Euphorbia mexicana (Engelmann) Norton

Euphorbia multicaulis Engelmann

Tithymalus missouriensis (Norton) Small

stictospora Engelmann = *Chamaesyce stictospora* (Engelm) Small

strictior Holzinger [M&H; W&S]

panhandle spurge

Tithymalopsis strictior (Holzinger) Wooton & Standley

supina Rafinesque = *Chamaesyce maculata* (Linnaeus) Small

uralensis Fischer ex Link = *Euphorbia esula* Linnaeus

vermiculata Rafinesque = *Chamaesyce vermiculata* (Rafinesque) House

versicolor Greene = *Chamaesyce arizonica* (Engelmann) Arthur

villifera Scheele = *Chamaesyce villifera* (Scheele) Small

wootonii Oudejans = *Euphorbia bifurcata* Engelmann

Jatropha nettle-spurge

Johnson, M.B. 1998. *Jatropha* (Euphorbiaceae) in southwestern United States and adjacent northern Mexico. Desert Plants 14(2):21-28.

macrorhiza Benthams [M&H; W&S]

- ragged nettle-spurge
Lepadenia marginata (Pursh) Nieuwland = *Euphorbia marginata* Pursh
- Phyllanthus** leaf-flower
 Urbatsch, L.E., J.D. Bacon, R.L. Hartman, M.C. Johnston, T.J. Watson, Jr., & G.L. Webster. 1975. Chromosome numbers for North American Euphorbiaceae. Amer. J. Bot. 62:494-500. [*Phyllanthus abnormis*]
 Webster, G.L. 1970. a revision of *Phyllanthus* (Euphorbiaceae) in the continental United States. Brittonia 22:44-76.
abnormis Baillon var. *abnormis* [Urbatsch et al. 1975]
 Drummond's leaf-flower
polygonoides Nuttall ex Sprengel [M&H; W&S]
 smartweed leaf-flower
- Poinsettia cuphosperma* (Engelmann) Small = *Euphorbia cuphosperma* (Engelmann) Boissier
dentata auct. = *Euphorbia davidii* Subils
eriantha (Bentham) Rose & Standley = *Euphorbia eriantha* Bentham
havanensis (Willdenow) Small = *Euphorbia heterophylla* Linnaeus
heterophylla (Linnaeus) Klotzsch & Garcke = *Euphorbia heterophylla* Linnaeus
- Reverchonia** sandy-mat
 Webster, G.L. & K.I. Miller. 1963. The genus *Reverchonia* (Euphorbiaceae). Rhodora 65:193-207.
arenaria Gray [M&H; W&S]
 sandy-mat
- Sapium sylvaticum* var. *linearifolium* Torrey = *Stillingia texana* I.M. Johnston
- Stillingia** tooth-leaf
linearifolia (Torrey) Small = *Stillingia texana* I.M. Johnston
salicifolia (Torrey) Small = *Stillingia sylvatica* Garden ex Linnaeus var. *salicifolia* Torrey
smallii Wooton & Standley = *Stillingia sylvatica* Linnaeus var. *salicifolia* Torrey
sylvatica Linnaeus var. *linearifolia* (Torrey) Müller Argoviensis = *Stillingia texana* I.M. Johnston
sylvatica Garden ex Linnaeus var. *salicifolia* Torrey [M&H; W&S]
 queen's-delight
Stillingia salicifolia (Torrey) Small
Stillingia smallii Wooton & Standley
texana I.M. Johnston [M&H; W&S]
 Texas tooth-leaf
Sapium sylvaticum var. *linearifolium* Torrey
Stillingia linearifolia (Torrey) Small
Stillingia sylvatica Linnaeus var. *linearifolia* (Torrey) Müller Argoviensis
- Tithymalopsis strictior* (Holzinger) Wooton & Standley = *Euphorbia strictior* Holzinger
Tithymalus altus (Norton) Wooton & Standley = *Euphorbia alta* Norton
chamaesula (Boissier) Wooton & Standley = *Euphorbia chamaesula* Boissier
esula (Linnaeus) Scopoli = *Euphorbia esula* Linnaeus
luridus (Engelmann) Wooton & Standley = *Euphorbia brachycera* Engelmann
mexicanus (Engelmann) Wooton & Standley = *Euphorbia spathulata* Lamarck
missouriensis (Norton) Small = *Euphorbia spathulata* Lamarck
montanus (Engelmann) Small = *Euphorbia brachycera* Engelmann
peplus (Linnaeus) Gaertner = *Euphorbia peplus* Linnaeus
robustus (Engelmann) Small = *Euphorbia brachycera* Engelmann
- Tragia** noseburn
 Miller, K.I. & G.L. Webster. 1967. A preliminary revision of *Tragia* (Euphorbiaceae) in the United States. Rhodora 69:241-305.
amblyodonta (Müller Argoviensis) Pax & K. Hoffmann [M&H; Miller & Webster 1967]
 dog-tooth noseburn
nepetifolia Cavanilles [M&H; W&S]
 catnip noseburn
nepetifolia Cavanilles var. *ramosa* (Torrey) Müller Argoviensis = *Tragia ramosa* Torrey
ramosa Torrey [M&H; Miller & Webster 1967; W&S]
 branched noseburn
Tragia nepetifolia Cavanilles var. *ramosa* (Torrey) Müller Argoviensis
Tragia stylaris Müller Argoviensis
stylaris Müller Argoviensis = *Tragia ramosa* Torrey
- Tyria myricifolia* Scheele [=Bernardia myricifolia (Scheele) Bentham & Hooker : Not known from NM; our material referred to *Bernardia obovata* I.M. Johnston
- Zygophyllum exstipulatum* (Engelmann) Wooton & Standley = *Euphorbia exstipulata* Engelmann
bilobatum (Engelmann) Standley = *Euphorbia bilobata* Engelmann
delicatulum Wooton & Standley = *Euphorbia bifurcata* Engelmann
hexagonum (Nuttall ex Sprengel) Small = *Euphorbia hexagona* Nuttall ex Sprengel

Family FABACEAE (LEGUMINOSAE)

[Caesalpinaceae, Cassiaceae, Mimosaceae]

Barneby, R.C. 1989. Fabales. IN: Intermountain Flora, Vol. 3. New York Botanical Garden.

Barneby, R.C. 1991. Sensitivae Censitae. Mem. N.Y. Bot. Gard. 65:1-835.

Ballenger, J.A., E. Dickson, M. Meyer, & J.J. Doyle. 1993. DNA sequence data and the phylogeny of the Leguminosae. Amer. J. Bot. 80:130-131.

- Isely, D. 1973. Leguminosae of the United States:I. Subfamily Mimosoideae. Mem. N.Y. Bot. Gard. 25(1).
 Isely, D. 1975. Leguminosae of the United States:II. Subfamily Caesalpinoideae. Mem. N.Y. Bot. Gard. 25(2):1-228.
 Isely, D. 1981. Leguminosae of the United States:III. Subfamily Papilionoideae: Tribes Sophoreae, Podalyrieae, Loteae. Mem. N.Y. Bot. Gard. 25(3):1-264.
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 Polhill, R.M. & P.H. Raven, eds. 1981. Advances in legume systematics. Vols. 1, 2. Proc. Intern. Legume Conference, Kew, England.
 Stirton, C.H., ed. 1987. Advances in legume systematics, part 3. Royal Botanic Gardens, Kew, England. 466 pp.

Acacia acacia

- Heil, K.D. 2004. Plant distribution reports. The New Mexico Botanist 30:7. [*A. angustissima* var. *hirta*]
 Isely, D. 1969. Legumes of the United States. I. Native Acacia. Sida 3:365-386.
 Jawad, J.T., D.S. Seigler, & J.E. Ebinger. 2000. A systematic treatment of *Acacia coulteri* (Fabaceae, Mimosoideae) and similar species in the New World. Ann. Missouri Bot. Gard. 87:528-548. [*A. millefolia*]
 Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. Sida 11(4):455-470. [*Acacia angustissima* var. *suffrutescens*, *A. millefolia*]
 Turner, B.L. 1996. Synoptical study of the *Acacia angustissima* (Mimosaceae) complex. Phytologia 81(1):10-16.
angustissima (Miller) Kuntze var. ***chisosiana*** Isely [M&H; Turner 1996; W&S]
 prairie acacia
angustissima (Miller) Kuntze var. ***hirta*** (Nuttall) B.L. Robinson [Heil 2004]
 prairie acacia
angustissima (Miller) Kuntze var. ***suffrutescens*** (Rose) Isely [Spellenberg et al. 1986]
 prairie acacia
angustissima (Miller) Kuntze var. ***texensis*** (Torrey & Gray) Isely [Isely 1998; M&H; W&S]
 prairie acacia
Acacia cuspidata Schlechtendal
Acacia texensis Torrey & Gray
constricta Benthham var. ***constricta*** [M&H; W&S]
 western white-thorn acacia
constricta Benthham var. *vernica* (Standley) L. Benson = *Acacia neovernicosa* Isely
constricta Benthham var. ***paucispina*** Wootton & Standley [M&H; W&S]
 western white-thorn acacia
cuspidata Schlechtendal = *Acacia angustissima* (Miller) Kuntze var. *texensis* (Torrey & Gray) Isely
farnesiana (Linnaeus) Willdenow : Reported for NM by Kartesz (1999) based on an erroneous specimen at NMCR.
filicoides (Cavanilles) Trelease : Reported by W&S, but not occurring in NM (Isely 1969).
greggii Gray var. ***arizonica*** Isely [M&H; W&S]
 Arizona catclaw
millefolia S. Watson [Jawad et al. 2000; Spellenberg et al. 1986]
 milfoil acacia
neovernicosa Isely [M&H]
 eastern white-thorn acacia
Acacia constricta Benthham var. *vernica* (Standley) L. Benson
Acacia vernica Standley, not Fitzgerald
roemeriana Scheele [M&H]
 Roemer acacia
texensis (Torrey & Gray) = *Acacia angustissima* (Miller) Kuntze var. *texensis* (Torrey & Gray) Isely
vernica Standley, not Fitzgerald = *Acacia neovernicosa* Isely
Acmispon americanum (Nuttall) Rydberg = *Lotus purshianus* (Benthham) Clements & Clements
Acuan fallax Small = *Desmanthus obtusus* S. Watson
illinoense (Michaux) Kuntze = *Desmanthus illinoensis* (Michaux) MacMillan
jamesii (Torrey & Gray) Kuntze = *Desmanthus cooleyi* (Eaton) Trelease
obtusum (S. Watson) Heller = *Desmanthus obtusus* S. Watson
velutinum (Scheele) Kuntze = *Desmanthus velutinum* Scheele

Albizia silktree

- Isely, D. 1973. Leguminosae of the United States:I. Subfamily Mimosoideae. Mem. N.Y. Bot. Gard. 25(1). [*Albizia julibrissin*]
****julibrissin*** Durazzini [Isely 1973]
 silktree

Alepidocalyx parvulus (Greene) Piper = *Phaseolus parvulus* Greene

Alhagi camel-thorn

- camelorum* Fischer = *Alhagi maurorum* Medikus
****maurorum*** Medikus [M&H]
 camelthorn

Alhagi camelorum Fischer, nomen nudum

Alhagi pseudalhagi (Bierberstein) N. Desvaux ex B. Keller & Schaparenko

pseudalhagi (Bierberstein) N. Desvaux ex B. Keller & Schaparenko = *Alhagi maurorum* Medikus

Amorpha indigo-bush

- Wilbur, R.L. 1975. A revision of the North American genus *Amorpha* (Leguminosae-Psoraleae). Rhodora 77(811):337-409.
arizonica Rydberg = *Amorpha fruticosa* Linnaeus
californica Nuttall : Reported by M&H and W&S, but not occurring in NM (Wilbur 1975).

canescens Pursh [M&H; W&S]

leadplant

fruticosa Linnaeus [M&H]

false indigo-bush

Amorpha arizonica Rydberg

Amorpha fruticosa Linnaeus var. *angustifolia* Pursh

Amorpha fruticosa Linnaeus var. *occidentalis* (Abrams) Kearney & Peebles

Amorpha occidentalis Abrams

fruticosa Linnaeus var. *angustifolia* Pursh = *Amorpha fruticosa* Linnaeus

fruticosa Linnaeus var. *occidentalis* (Abrams) Kearney & Peebles = *Amorpha fruticosa* Linnaeus

microphylla Pursh = *Amorpha nana* Nuttall

nana Nuttall [M&H; W&S]

fragrant indigo-bush

Amorpha microphylla Pursh

occidentalis Abrams = *Amorpha fruticosa* Linnaeus

ovalis M.E. Jones = *Indigofera sphaerocarpa* A. Gray

Anisolotus brachycarpus (Benth) Rydberg = *Lotus humistratus* Greene

mollis (Greene) Heller = *Lotus greenei* (Wooton & Standley) Ottley

neomexicanus (Greene) Heller = *Lotus plebeius* (Brandegee) Barneby

nummularius (M.E. Jones) Wooton & Standley = *Lotus plebeius* (Brandegee) Barneby

puberulus (Benth) Wooton & Standley = *Lotus plebeius* (Brandegee) Barneby

rigidus (Benth) Rydberg (= *Lotus rigidus* (Benth) Greene) : Reported by W&S, but not occurring in NM (Barneby 1989; M&H).

trispermus (Greene) Wooton & Standley = *Lotus humistratus* Greene

wrightii (Gray) Rydberg = *Lotus wrightii* (Gray) Greene

Aragallus nothoxys (Gray) Heller = *Astragalus nothoxys* Gray

parryi (Gray) Greene = *Oxytropis parryi* Gray

pinetorum Heller = *Oxytropis sericea* Nuttall

pinetorum Heller var. *vegana* Cockerell = *Oxytropis sericea* Nuttall

splendens (Douglas ex Hooker) Greene = *Oxytropis splendens* Douglas ex Hooker

Astragalus milkvetch, locoweed

Allred, K.W. 1999. New plant distribution records. *The New Mexico Botanist* 13:7. [*Astragalus crassicaerpus*]

Barneby, R.C. 1964. Atlas of North American *Astragalus*. Mem. N.Y. Bot. Gard. 13(2):1-1188.

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Barneby, R.C. 1989. *Fabales*. In: A. Cronquist, A.H. Holmgren, N.H. Holmgren, J.L. Reveal, & P.K. Holmgren. *Intermountain Flora*, Vol. 3. New York Botanical Garden.

Barneby, R.C. & R. Spellenberg. 1987. A new species of *Astragalus* (Leguminosae) from northwestern New Mexico and adjacent Arizona. *Brittonia* 39(2):188-191.

Barneby, R.C. & S.L. Welsh. 1996. *Astragalus laxmannii* Jacquin (Leguminosae) in North America. *Great Basin Naturalist* 56(1):85-86.

Fox, W.E., K.W. Allred, & E.H. Roalson. 1998. A Guide to the Common Locoweeds and Milkvetches of New Mexico. Circular 557, Agr. Exp. Sta. & Coop. Ext. Serv., New Mexico State University. 95 pp.

Heil, K.D. 2004. Plant distribution reports. *The New Mexico Botanist* 30:7. [*A. preusii*, *A. flavus* var. *higginsii*]

Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. *The New Mexico Botanist* 24:1-4. [*A. calycosus calycosus*]

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Knight, P.J. 1984. Noteworthy collections (New Mexico). *Madroño* 31:63. [*Astragalus humillimus*]

Kulshreshtha, S., R. Creamer, & T.M. Sterling. 2004. Phylogenetic relationships among New Mexico *Astragalus mollissimus* varieties and *Oxytropis* species by restriction fragment analysis. *Weed Sci.* 52:984-988

Marley, G.A. & W.L. Wagner. 1981. Noteworthy collections (New Mexico). *Madroño* 28:41-43. [*Astragalus monumentalis*]

Reveal, J.L., K.N. Gandhi, & D.H. Nicolson. 2004. The demise of the name *Astragalus tenellus* Pursh (Fabaceae). *Taxon* 53(4):1055-1058.

Sivinski, R.C. 2005. Plant distribution reports. *The New Mexico Botanist* 32:7. [*Astragalus nutriosensis*]

Sivinski, R.C. 2005. Plant distribution reports (*Amsinckia menziesii intermedia*, *Astragalus eremiticus*). *The New Mexico Botanist* 33:7.

Welsh, S.L. 2005. Correction to an effectively but non-validly published species of *Astragalus* (Leguminosae) from New Mexico. *Rhodora* 107(929):103-104. [*Astragalus cliffordii*]

Welsh, S.L., N.D. Atwood, S. Goodrich, & L.C. Higgins (eds.). 2003. *A Utah Flora*. 3rd ed, revised. Provo, Utah: Brigham Young University Press. [*Astragalus cliffordii*, *A. heilii*]

aboriginum Richardson var. *glabriusculus* (Hooker) Rydberg = *Astragalus australis* (Linnaeus) Lamarck

accumbens Sheldon = *Astragalus missouriensis* Nuttall var. *accumbens* (Sheldon) Isely

adsurgens Pallas var. *robustior* Hooker = *Astragalus laxmannii* Jacquin var. *robustior* (Hooker) Barneby & Welsh

agrestis Douglas ex G. Don [M&H; W&S]

cock's-head

Astragalus goniatus Nuttall

albulus Wooton & Standley [M&H; W&S]

Cibola milkvetch

Batidophaca albula (Wooton & Standley) Rydberg

allochrous Gray var. **allochrous** [M&H; W&S]

halfmoon milkvetch

Phaca allochroa (Gray) Rydberg

allochrous Gray var. **playanus** (M.E. Jones) Isely [M&H; W&S]

Wooton's milkvetch

Astragalus playanus M.E. Jones

Astragalus triflorus sensu Gray var. *playanus* M.E. Jones
Astragalus wootonii Sheldon
Phaca wootonii (Sheldon) Rydberg
alpinus Linnaeus [M&H; W&S]
 alpine milkvetch
 +**altus** Wooton & Standley [M&H; W&S]
 tall milkvetch
Atelophragma altum (Wooton & Standley) Rydberg
amphioxys Gray var. **amphioxys** [M&H; W&S]
 Aladdin's-slippers
Astragalus amphioxys Gray var. *typicus* Barneby
Astragalus crescenticarpus Sheldon
Xylophacos amphioxys (Gray) Rydberg
amphioxys Gray var. *typicus* Barneby = *Astragalus amphioxys* Gray var. *amphioxys*
amphioxys Gray var. **vespertinus** (Sheldon) M.E. Jones
 Aladdin's-slippers
Astragalus vespertinus Sheldon
Xylophacos vespertinus (Sheldon) Rydberg
 arizonicus Gray : Reported by Kartesz (1999) without documentation; awaits verification.
australis (Linnaeus) Lamarck [M&H]
 Indian milkvetch
Astragalus aboriginum Richardson var. *glabriusculus* (Hooker) Rydberg
Phaca glabriuscula Hooker
austrinus (Small) Schulz = *Astragalus nuttallianus* A.P. de Candolle var. *austrinus* (Small) Barneby
bigelovii Gray = *Astragalus mollissimus* Torrey var. *bigelovii* (Gray) Barneby
bigelovii Gray var. *matthewsii* (S. Watson) M.E. Jones = *Astragalus mollissimus* Torrey var. *matthewsii* (S. Watson) Barneby
bigelovii Gray var. *mogollonicus* (Greene) Barneby = *Astragalus mollissimus* Torrey var. *mogollonicus* (Greene) Barneby
bigelovii Gray var. *thompsonae* (S. Watson) M.E. Jones = *Astragalus mollissimus* Torrey var. *thompsonae* (S. Watson) Barneby
bisulcatus (Hooker) Gray var. **bisulcatus** [M&H; W&S]
 two-groove milkvetch
Diholcos bisulcatus (Hooker) Rydberg
Phaca bisulcata Hooker
Tragacantha bisulcata (Hooker) Kuntze
bisulcatus (Hooker) Gray var. **haydenianus** (Gray) Barneby [M&H; W&S]
 Hayden's two-groove milkvetch
Astragalus haydenianus Gray ex Brand
Diholcos haydenianus (Gray) Rydberg
Tragacantha haydeniana (Gray) Kuntze
blakei Eggleston = *Astragalus robbinsii* (Oakes) Gray var. *minor* (Hooker) Barneby
bodinii Sheldon [M&H]
 Bodin's milkvetch
brandegeei Porter [M&H; W&S]
 Brandegee's milkvetch
Atelophragma brandegeei (Porter) Rydberg
Tragacantha brandegeei (Porter) Kuntze
calycosus Torrey ex S. Watson var. **calycosus** [Heil et al. 2002]
 Torrey's milkvetch
calycosus Torrey ex S. Watson var. **scaposus** (Gray) M.E. Jones [M&H; W&S]
 Torrey's milkvetch
Astragalus scaposus Gray
Hamosa scaposa (Gray) Rydberg
canadensis Linnaeus [M&H; W&S]
 Canadian milkvetch
Astragalus oreophilus Rydberg
canovirens (Rydberg) Barneby = *Astragalus coltonii* M.E. Jones var. *moabensis* M.E. Jones
carnosus Pursh = *Astragalus crassicaucus* Nuttall var. *crassicaucus*
 +**castetteri** Barneby [M&H]
 Castetter's milkvetch
ceramicus Sheldon var. **ceramicus** [M&H; W&S]
 painted milkvetch
ceramicus Sheldon var. **filifolius** (Gray) F.J. Hermann [M&H]
 painted milkvetch
Astragalus filifolius Gray
Astragalus longifolius (Pursh) Rydberg
 cerussatus Sheldon : The specimen originally thought to be *Astragalus cerussatus* Sheldon ([Heil 7626](#), SJNM) has been verified by S.L. Welsh (BRY) as a perennial form of *Astragalus allochrous* Gray var. *playanus* (M.E. Jones) Isely.

chuskanus Barneby & Spellenberg [Barneby & Spellenberg 1987]
 San Juan milkvetch
 cibarius Sheldon : Isely (1998) reports this species from NM, but his map and all other authors indicate otherwise.
 ***cicer** Linnaeus [Heil et al. 2002]
 chickpea milkvetch
cliffordii Welsh & Atwood [Welsh 2005; Welsh et al. 2003]
 Clifford's milkvetch
cobrensis Gray var. **cobrensis** [M&H; W&S]
 copper-mine milkvetch
Atelophragma cobrense (Gray) Rydberg
Tragacantha cobrensis (Gray) Kuntze
cobrensis Gray var. **maguirei** Kearney [Isley 1984]
 copper-mine milkvetch
coltonii M.E. Jones var. **moabensis** M.E. Jones [M&H; W&S]
 Moab milkvetch
Astragalus canovirens (Rydberg) Barneby
Homalobus canovirens Rydberg
confertiflorus Gray = *Astragalus flavus* Nuttall var. *flavus*
crassicaarpus Nuttall var. **cavus** Barneby [M&H]
 ground-plum
crassicaarpus Nuttall var. **crassicaarpus** [M&H; W&S]
 ground-plum
Astragalus carnosus Pursh
Geoprunmon crassicaarpum (Nuttall) Rydberg
crassicaarpus Nuttall var. **paysonii** (Kelso) Barneby [Allred 1999]
 ground-plum
crecenticarpus Sheldon = *Astragalus amphioxys* Gray var. *amphioxys*
curtilobus Tidestrom = *Astragalus tephrodes* Gray var. *brachylobus* (Gray) Barneby
 +**cyaneus** Gray [M&H]
 cyanic milkvetch
Astragalus jemensis A. Nelson
Astragalus shortianus Nuttall ex Torrey & Gray var. *cyaneus* (Gray) M.E. Jones
Tragacantha cyanea (Gray) Kuntze
Xylophacos cyaneus (Gray) Rydberg
datilensis (Rydberg) Tidestrom = *Astragalus humistratus* Gray var. *humistratus*
desperatus Jones [Spellenberg et al. 1986]
 rimrock milkvetch
diphysus Gray = *Astragalus lentiginosus* Douglas ex Hooker var. *albiflorus* (A. Gray) Schoener
diphysus Gray var. *albiflorus* Gray = *Astragalus lentiginosus* Douglas ex Hooker var. *albiflorus* (A. Gray) Schoener
diversifolius Gray : Reported by W&S, but not occurring in NM (Barneby 1964).
drummondii Douglas ex Hooker [M&H; W&S]
 Drummond's milkvetch
Tium drummondii (Douglas ex Hooker) Rydberg
earlei Greene ex Rydberg = *Astragalus mollissimus* Torrey var. *earlei* (Greene ex Rydberg) Tidestrom
egglestonii (Rydberg) Kearney & Peebles [M&H]
 Eggleston's milkvetch
Tium egglestonii Rydberg
elatiocarpus Sheldon = *Astragalus lotiflorus* Hooker
ellisiae (Rydberg) C.L. Porter = *Astragalus praelongus* Sheldon var. *ellisiae* (Rydberg) Barneby
emoryanus (Rydberg) Cory [M&H]
 red-stemmed peavine, Emory's milkvetch
Hamosa emoryana Rydberg
episcopus S. Watson [Barneby 1989]
 Bishop's milkvetch
eremiticus Sheldon [Sivinski 2005]
fallax S. Watson [nom. illegit.] = *Astragalus hallii* Gray var. *fallax* Barneby
famelicus Sheldon = *Astragalus hallii* Gray var. *fallax* Barneby
 +**feensis** M.E. Jones [M&H]
 Santa Fe milkvetch
Astragalus sanctae-fidei Tidestrom
Hamosa feensis (M.E. Jones) Rydberg
fendleri (Gray) Gray = *Astragalus flexuosus* Douglas ex Hooker var. *flexuosus*
filifolius Gray = *Astragalus ceramicus* Sheldon var. *filifolius* (Gray) F.J. Hermann
flaviflorus (Kuntze) Sheldon = *Astragalus flavus* Nuttall var. *flavus*
flavus Nuttall var. *candicans* Gray = *Astragalus flavus* Nuttall var. *flavus*
flavus Nuttall var. **flavus** [M&H; W&S]

yellow milkvetch

Astragalus confertiflorus Gray
Astragalus confertiflorus Gray var. *flaviflorus* (Kuntze) M.E. Jones
Astragalus flaviflorus (Kuntze) Sheldon
Astragalus flavus Nuttall var. *candicans* Gray
Cnemidophacos confertiflorus (Gray) Rydberg
Cnemidophacos flavus (Nuttall) Rydberg
Tragacantha flaviflora Kuntze

flavus Nuttall var. ***higginsii*** Welsh [Heil 2004]

Higgins' s yellow milkvetch

flexuosus (Hooker) Douglas ex G. Don var. ***flexuosus*** [M&H; W&S]

pliant milkvetch

Astragalus fendleri (Gray) Gray
Pisophaca flexuosa (Douglas) Rydberg
Pisophaca ratonensis Rydberg
Pisophaca sierra-blancae Rydberg

flexuosus (Hooker) Douglas ex G. Don var. ***greenei*** (Gray) Barneby [M&H; W&S]

pliant milkvetch

Astragalus gracilentus (Gray) Gray var. *greenei* (Gray) Rydberg
Astragalus greenei Gray

fucatus Barneby [M&H]

Hopi milkvetch

gertrudis Greene = *Astragalus puniceus* Osterhout var. *gertrudis* (Greene) Barneby

giganteus S. Watson [M&H; W&S]

giant milkvetch

Astragalus giganteus (S. Watson) Sheldon var. *yaquianus* (S. Watson) M.E. Jones
Astragalus texanus Sheldon
Astragalus yaquianus S. Watson

giganteus (S. Watson) Sheldon var. *yaquianus* (S. Watson) M.E. Jones = *Astragalus giganteus* S. Watson

gilensis Greene [M&H; W&S]

Gila milkvetch

Batidophaca gilensis (Greene) Rydberg

goniatus Nuttall = *Astragalus agrestis* Douglas ex G. Don

gracilentus (Gray) Gray var. *greenei* (Gray) Rydberg = *Astragalus flexuosus* (Hooker) Douglas ex G. Don var. *greenei* (Gray) Barneby

gracilentus (Gray) Gray var. *hallii* (Gray) M.E. Jones = *Astragalus hallii* Gray var. *hallii*

gracilentus (Gray) Gray var. *exsertus* M.E. Jones = *Astragalus puniceus* Osterhout var. *puniceus*

gracilis Nuttall [M&H]

slender milkvetch

Astragalus microlobus Gray
Astragalus microphacos Cory
Astragalus parviflorus (Pursh) MacMillan

greenei Gray = *Astragalus flexuosus* Douglas ex Hooker var. *greenei* (Gray) Barneby

gypsodes Barneby [M&H]

gypsum milkvetch

hallii Gray var. ***fallax*** Barneby [M&H]

Hall' s milkvetch

Astragalus fallax S. Watson [nom. illegit.]
Astragalus famelicus Sheldon
Pisophaca famelica (Sheldon) Rydberg

hallii Gray var. ***hallii*** [M&H]

Hall' s milkvetch

Astragalus gracilentus (Gray) Gray var. *hallii* (Gray) M.E. Jones
Homalobus hallii (Gray) Rydberg
Pisophaca hallii (Gray) Rydberg
Tragacantha hallii (Gray) Kuntze

heilii Welsh & Atwood [Welsh et al. 2003]

Heil' s milkvetch

haydenianus Gray ex Brand = *Astragalus bisulcatus* (Hooker) Gray var. *haydenianus* (Gray) Barneby

hosackiae Greene = *Astragalus humistratus* Gray var. *hosackiae* (Greene) M.E. Jones

humillimus Gray ex Brand [Knight 1984]

Mancos milkvetch

humistratus Gray var. ***crispulus*** Barneby [M&H]

ground-cover milkvetch

humistratus Gray var. ***hosackiae*** (Greene) M.E. Jones [M&H; W&S]

ground-cover milkvetch

Astragalus hosackiae Greene

Batidophaca hosackiae (Greene) Rydberg
humistratus Gray var. **humistratus** [M&H; W&S]
 ground-cover milkvetch
Astragalus datilensis (Rydberg) Tidestrom
Batidophaca humistrata (Gray) Rydberg
Pisophaca datilensis Rydberg
Tium humistratum (Gray) Rydberg
Tragacantha humistrata (Gray) Kuntze
humistratus Gray var. **humivagans** (Rydberg) Barneby [M&H]
 ground-cover milkvetch
Batidophaca humivagans Rydberg
humistratus Gray var. **sonorae** (Gray) M.E. Jones [M&H; W&S]
 ground-cover milkvetch
Astragalus sonorae Gray
Batidophaca sonorae (Gray) Rydberg
Batidophaca stipulacea Rydberg
Tragacantha sonorae (Gray) Kuntze
impensus (Sheldon) Wooton & Standley = *Astragalus kentrophyta* Gray var. *elatus* S. Watson
iodopetalus (Rydberg) Barneby [M&H]
 violet milkvetch
Xylophacos iodopetalus Rydberg
jemensis A. Nelson = *Astragalus cyaneus* Gray
kentrophyta Gray var. **elatus** S. Watson [M&H; W&S]
 spiny milkvetch
Astragalus impensus (Sheldon) Wooton & Standley
Astragalus tagetarius S. Watson var. *elatus* (S. Watson) Barneby
kentrophyta Gray var. **implexus** (Canby ex T. Porter & Coulter) Barneby [M&H]
 spiny milkvetch
Astragalus tagetarius S. Watson
Astragalus tagetarius S. Watson var. *implexus* Canby ex T. Porter & Coulter
+kentrophyta Gray var. **neomexicanus** (Barneby) Barneby [M&H]
 New Mexico spiny milkvetch
Astragalus tagetarius S. Watson var. *neomexicanus* Barneby
+kerrii Knight & Cully [Knight & Cully 1991]
 Kerr's milkvetch
+knightii Barneby [Barneby 1983]
 Knight's milkvetch
laxmannii Jacquin var. **robustior** (Hooker) Barneby & Welsh [M&H]
 Laxmann's milkvetch
Astragalus adsurgens Pallas var. *robustior* Hooker
Astragalus striatus Nuttall
lentiginosus Douglas ex Hooker var. **australis** Barneby [M&H]
 freckled milkvetch
lentiginosus Douglas ex Hooker var. **albiflorus** (Gray) Schoener [M&H; W&S]
 freckled milkvetch
Astragalus diphyus Gray
Astragalus diphyus Gray var. *albiflorus* Gray
Astragalus lentiginosus Douglas ex Hooker var. *diphyus* (Gray) M.E. Jones
Cystium diphysum (Gray) Rydberg
Tragacantha diphysa (Gray) Kuntze
lentiginosus Douglas ex Hooker var. *diphyus* (Gray) M.E. Jones = *Astragalus lentiginosus* Douglas ex Hooker var. *albiflorus* (Gray) Schoener
lonchocarpus Torrey [M&H; W&S]
 great rushy milkvetch
Phaca macrocarpa Gray
longifolius (Pursh) Rydberg = *Astragalus ceramicus* Sheldon var. *filifolius* (Gray) F.J. Hermann
lotiflorus Hooker [M&H; W&S]
 lotus milkvetch
Astragalus elatiocarpus Sheldon
Batidophaca lotiflora (Hooker) Rydberg
Phaca lotiflora (Hooker) Torrey & Gray
Tragacantha lotiflora (Hooker) Kuntze
macounii Rydberg = *Astragalus robbinsii* (Oakes) Gray var. *minor* (Hooker) Barneby
matthewsii S. Watson = *Astragalus mollissimus* Torrey var. *matthewsii* (S. Watson) Barneby
melanocarpus Nuttall = *Astragalus missouriensis* Nuttall var. *missouriensis*
microlobus Gray = *Astragalus gracilis* Nuttall

microphacos Cory = *Astragalus gracilis* Nuttall
+micromerius Barneby [M&H]
 Chaco milkvetch
+missouriensis Nuttall var. *accumbens* (Sheldon) Isely [Isely 1983; M&H; W&S]
 Zuni milkvetch
Astragalus accumbens Sheldon
missouriensis Nuttall var. *amphibolus* Barneby [M&H]
 Missouri milkvetch
+missouriensis Nuttall var. *mimetes* Barneby [M&H]
 Missouri milkvetch
missouriensis Nuttall var. *missouriensis* [M&H; W&S]
 Missouri milkvetch
Astragalus melanocarpus Nuttall
Tragacantha missouriensis (Nuttall) Kuntze
Xylophacos missouriensis (Nuttall) Rydberg
mogollonicus Greene = *Astragalus mollissimus* Torrey var. *mogollonicus* (Greene) Barneby
mollissimus Torrey var. *bigelovii* (Gray) Barneby [M&H; W&S]
 Bigelow's wooly locoweed
Astragalus bigelovii Gray
mollissimus Torrey var. *earlei* (Greene ex Rydberg) Tidestrom [M&H]
 Earle's wooly locoweed
Astragalus earlei Greene ex Rydberg
+mollissimus Torrey var. *mathewsii* (S. Watson) Barneby [M&H; W&S]
 Matthew's wooly locoweed
Astragalus bigelovii Gray var. *mathewsii* (S. Watson) M.E. Jones
Astragalus mathewsii S. Watson
mollissimus Torrey var. *mogollonicus* (Greene) Barneby [M&H]
 Mogollon wooly locoweed
Astragalus bigelovii Gray var. *mogollonicus* (Greene) Barneby
Astragalus mogollonicus Greene
mollissimus Torrey var. *mollissimus* [M&H; W&S]
 wooly locoweed
Astragalus simulans Cockerell
Phaca villosa James ex S. Watson
mollissimus Torrey var. *thompsonae* (S. Watson) Barneby [M&H; W&S]
 Thompson's wooly locoweed
Astragalus bigelovii Gray var. *thompsonae* (S. Watson) M.E. Jones
Astragalus thompsonae S. Watson
monumentalis Barneby var. *cottamii* (Welsh) Isely [Isely 1983]
 Cottam's milkvetch
monumentalis Barneby var. *monumentalis* [Marley & Wagner 1981]
 Monument Valley milkvetch
multiflorus (Pursh) Gray [M&H; W&S]
 Standley's milkvetch
Astragalus tenellus Pursh
Homalobus standleyi Rydberg
naturitensis Payson [Knight 1984]
 Naturita milkvetch
+neomexicanus Wooton & Standley [M&H; W&S]
 New Mexico milkvetch
Pisophaca neomexicana (Wooton & Standley) Rydberg
newberryi Gray [M&H; W&S]
 Newberry's milkvetch
Xylophacos newberryi (Gray) Rydberg
nothoxys Gray [M&H]
 sheep milkvetch
Aragallus nothoxys (Gray) Heller
Hamosa nothoxys (Gray) Rydberg
Oxytropis nothoxys (Gray) M.E. Jones
Spiesia nothoxys (Gray) M.E. Jones
Tragacantha nothoxys (Gray) Kuntze
nutriosensis Sanderson [Sivinski 2005]
 Nutriosa milkvetch
nuttallianus A.P. de Candolle var. *austrinus* (Small) Barneby [M&H; W&S]
 Nuttall's milkvetch, turkey-peas

Astragalus austrinus (Small) Schulz
Hamosa austrina Small
nuttallianus A.P. de Candolle var. **macilentus** (Small) Barneby [M&H]
 Nuttall's milkvetch, turkey-peas
nuttallianus A.P. de Candolle var. **micranthiformis** Barneby [M&H]
 Nuttall's milkvetch, turkey-peas
nuttallianus A.P. de Candolle var. **trichocarpus** Torrey & Gray [M&H]
 Nuttall's milkvetch, turkey-peas
oocalycis M.E. Jones [M&H]
 arboles milkvetch
Astragalus urceolatus Greene
Diholcos oocalycis (M.E. Jones) Rydberg
oreophilus Rydberg = *Astragalus canadensis* Linnaeus
parryanus Tidestrom = *Oxytropis parryi* Gray
parviflorus (Pursh) MacMillan = *Astragalus gracilis* Nuttall
pattersonii Gray in Brandegees [M&H;W&S]
 Patterson's milkvetch
Jonesiella pattersonii (Gray) Rydberg
Phacopsis pattersonii (Gray) Rydberg
Rydbergiella pattersonii (Gray) Fedde & Sydow
 pectinatus Douglas ex G. Don : Reported by M&H, but no verifying specimens or other reports found; needs verification.
pictiformis Barneby [M&H]
 Guadalupe milkvetch
 plattensis Nuttall : Reported by M&H, but no verifying specimens or other reports found; needs verification.
playanus M.E. Jones = *Astragalus allochrous* Gray var. *playanus* (M.E. Jones) Isely
praelongus Sheldon var. **ellisiae** (Rydberg) Barneby [M&H]
 Ellis's stinking milkvetch
Astragalus ellisiae (Rydberg) C.L. Porter
Jonesiella ellisiae Rydberg
praelongus Sheldon var. **lonchopus** Barneby [M&H]
 stinking milkvetch
praelongus Sheldon var. **praelongus** [M&H; W&S]
 stinking milkvetch
Astragalus recedens (Greene) C.L. Porter
Jonesiella recedens Greene
preussii A. Gray var. **lartus** [Heil 2004]
 Preuss's milkvetch
proximus (Rydberg) Wootton & Standley [M&H; W&S]
 Aztec milkvetch
Homalobus proximus Rydberg
Pisophaca proxima Rydberg
+puniceus Osterhout var. **gertrudis** (Greene) Barneby [M&H; W&S]
 Trinidad milkvetch
Astragalus gertrudis Greene
Pisophaca gertrudis (Greene) Rydberg
puniceus Osterhout var. **puniceus** [M&H]
 Trinidad milkvetch
Astragalus gracilentus (Gray) Gray var. *exsertus* M.E. Jones
Pisophaca punicea (Osterhout) Rydberg
Xylophacos puniceus (Osterhout) Rydberg
racemosus Pursh var. **longisetus** M.E. Jones [M&H]
 Jones's alkali milkvetch
racemosus Pursh var. **racemosus** [M&H]
 alkali milkvetch
Tium racemosum (Pursh) Rydberg
recedens (Greene) C.L. Porter = *Astragalus praelongus* Sheldon var. *praelongus*
remulcus M.E. Jones = *Astragalus tephrodes* Gray var. *brachylobus* (Gray) Barneby
ripleyi Barneby [M&H]
 Ripley's milkvetch
robbinsii (Oakes) Gray var. **minor** (Hooker) Barneby [M&H]
 Robbins's milkvetch
Astragalus blakei Eggleston
Astragalus macounii Rydberg
Atelophragma macounii (Rydberg) Rydberg
Phaca robbinsii Oakes
rusbyi Greene [W&S]

Rusby's milkvetch
sabulonum Gray [M&H]
 gravel milkvetch
Phaca sabulonum (Gray) Rydberg
sanctae-fidei Tidestrom = *Astragalus feensis* M.E. Jones
scaposus Gray = *Astragalus calycosus* Torrey ex S. Watson var. *scaposus* (Gray) M.E. Jones
scopulorum T.C. Porter [M&H; W&S]
 Rocky Mountain milkvetch
Tium scopulorum (Porter) Rydberg
Tium stenolobum Rydberg
sericoleucus Gray [Spellenberg 1984]
 silky milkvetch
shortianus Nuttall [M&H; W&S]
 Short's milkvetch
Astragalus shortianus Nuttall ex Torrey & Gray var. *typicus* Barneby
Tragacantha shortiana (Nuttall) Kuntze
Xylophacos shortianus (Nuttall) Rydberg
shortianus Nuttall ex Torrey & Gray var. *brachylobus* Gray = *Astragalus tephrodes* Gray var. *brachylobus* (Gray) Barneby
shortianus Nuttall ex Torrey & Gray var. *cyaneus* (Gray) M.E. Jones = *Astragalus cyaneus* Gray
shortianus Nuttall ex Torrey & Gray var. *typicus* Barneby = *Astragalus shortianus* Nuttall
+siliceus Barneby [M&H]
 Flint Mountain milkvetch
simulans Cockerell = *Astragalus mollissimus* Torrey var. *mollissimus*
sonorae Gray = *Astragalus humistratus* Gray var. *sonorae* (Gray) M.E. Jones
striatus Nuttall = *Astragalus laxmannii* Jacquin var. *robustior* (Hooker) Barneby & Welsh
spatulatus Sheldon : Isely (1998) reports "n NM," but this not verified by his map nor by other sources; needs verification.
subcinereus Gray : Reported by W&S, but not occurring in NM (Barneby 1964).
tagetarius S. Watson = *Astragalus kentrophyta* Gray var. *implexus* (Canby ex T. Porter & Coulter) Barneby
tagetarius S. Watson var. *elatus* (S. Watson) Barneby = *Astragalus kentrophyta* Gray var. *elatus* S. Watson
tagetarius S. Watson var. *neomexicanus* Barneby = *Astragalus kentrophyta* Gray var. *neomexicanus* (Barneby) Barneby
tenellus Pursh = *Astragalus multiflorus* (Pursh) Gray
tephrodes Gray var. **brachylobus** (Gray) Barneby [M&H; W&S]
 silverline locoweed
Astragalus curtibobus Tidestrom
Astragalus remulcus M.E. Jones
Astragalus shortianus Nuttall ex Torrey & Gray var. *brachylobus* Gray
Xylophacos brachylobus (Gray) Rydberg
tephrodes Gray var. **tephrodes** [M&H; W&S]
 silverline locoweed
Tragacantha tephrodes (Gray) Kuntze
Xylophacos tephrodes (Gray) Rydberg
texanus Sheldon = *Astragalus giganteus* S. Watson
thompsonae S. Watson = *Astragalus mollissimus* Torrey var. *thompsonae* (S. Watson) M.E. Jones
thurberi Gray [M&H; W&S]
 Thurber's milkvetch
Phaca thurberi (Gray) Kearney
Tragacantha thurberi (Gray) Kuntze
triflorus sensu Gray var. *playanus* M.E. Jones = *Astragalus allochrous* Gray var. *playanus* (M.E. Jones) Isely
urceolatus Greene = *Astragalus oocalycis* M.E. Jones
vaccarum Gray [M&H; W&S]
 cow spring milkvetch
Hamosa vaccarum (Gray) Rydberg
Tragacantha vaccarum (Gray) Kuntze
vespertinus Sheldon = *Astragalus amphioxys* Gray var. *vespertinus* (Sheldon) M.E. Jones
waterfallii Barneby [M&H]
 Waterfall's milkvetch
wingatanus S. Watson [M&H; W&S]
 Fort Wingate milkvetch
Homalobus wingatanus (S. Watson) Rydberg
+wittmannii Barneby [Barneby 1979]
 Wittmann's milkvetch
wootonii Sheldon = *Astragalus allochrous* Gray var. *playanus* (M.E. Jones) Isely
yaquianus S. Watson = *Astragalus giganteus* S. Watson
zionis M.E. Jones var. *zionis* : Reported without documentation by Kartesz (1999); awaits verification.
Atelophragma altum (Wooton & Standley) Rydberg = *Astragalus altus* Wooton & Standley
brandegeei (Porter) Rydberg = *Astragalus brandegeei* Porter
cobrense (Gray) Rydberg = *Astragalus cobrensis* Gray var. *cobrensis*

- macounii* (Rydberg) Rydberg = *Astragalus robbinsii* (Oakes) Gray var. *minor* (Hooker) Barneby
Batidophaca albula (Wooton & Standley) Rydberg = *Astragalus albulus* Wooton & Standley
gilensis (Greene) Rydberg = *Astragalus gilensis* Greene
hosackiae (Greene) Rydberg = *Astragalus humistratus* Gray var. *hosackiae* (Greene) M.E. Jones
humistrata (Gray) Rydberg = *Astragalus humistratus* Gray var. *humistratus*
humivagans Rydberg = *Astragalus humistratus* Gray var. *humivagans* (Rydberg) Barneby
lotiflora (Hooker) Rydberg = *Astragalus lotiflorus* Hooker
sonorae (Gray) Rydberg = *Astragalus humistratus* Gray var. *sonorae* (Gray) M.E. Jones
stipulacea Rydberg = *Astragalus humistratus* Gray var. *sonorae* (Gray) M.E. Jones
Broussonetia secundiflora Ortega = *Sophora secundiflora* (Ortega) A.P. de Candolle
- Caesalpinia** paradise flower
 Simpson, B.B. 1998. A revision of *Pomaria* (Fabaceae) in North America. *Lundellia* 1:46-71.
drepanocarpa (Gray) E.M. Fisher = *Hoffmannseggia drepanocarpa* Gray
 **gilliesii* (Hooker) Wallich ex D. Dietrich [M&H; W&S]
 bird-of-paradise bush
Poinciana gilliesii Wallich ex Hooker
jamesii (Torrey & Gray) Fisher = *Pomaria jamesii* (Torrey & Gray) Walpers
- Calliandra** stick-pea
chamaedrys Engelm = *Calliandra eriophylla* Benth
eriophylla Benth [M&H; W&S]
 fairy duster
Calliandra chamaedrys Engelm
herbacea Benth = *Calliandra humilis* Benth var. *humilis*
humilis Benth var. *humilis* [M&H; W&S]
 dwarf stick-pea
Calliandra herbacea Benth
humilis Benth var. *reticulata* (Gray) L. Benson [M&H; W&S]
 dwarf stick-pea
Calliandra reticulata Gray
reticulata Gray = *Calliandra humilis* Benth var. *reticulata* (Gray) L. Benson
- Caragana** pea-shrub
 Cox, G. 2004. Plant distribution reports. *The New Mexico Botanist* 31:1. [*Caragana arborescens*]
 **arborescens* Linnaeus [Cox 2004]
 Siberian pea-shrub
- Cassia bauhinioides* Gray var. *arizonica* Robinson = *Senna bauhinioides* (Gray) Irwin & Barneby
bauhinioides Gray = *Senna bauhinioides* (Gray) Irwin & Barneby
chamaecrista Linnaeus = *Chamaecrista fasciculata* (Michaux) Greene
covesii Gray = *Senna covesii* (Gray) Irwin & Barneby
fasciculata Michaux var. *fasciculata* = *Chamaecrista fasciculata* (Michaux) Greene
fasciculata Michaux var. *rostrata* (Wooton & Standley) B. L. Turner = *Chamaecrista fasciculata* (Michaux) Greene
leptadenia Greenman = *Chamaecrista nictitans* (Linnaeus) Moench var. *leptadenia* (Greenman) Gandhi & Hatch
leptocarpa Benth var. *glaberrima* M. E. Jones = *Senna hirsuta* (Linnaeus) Irwin & Barneby var. *glaberrima* (M.E. Jones) Irwin & Barneby
lindheimeriana Scheele = *Senna lindheimeriana* (Scheele) Irwin & Barneby
orcuttii (Britton & Rose) B.L. Turner = *Senna orcuttii* (Britton & Rose) Irwin & Barneby
pumilio Gray : Reported as expected by M&H map, but not known to occur in NM (Isely 1975).
roemeriana Scheele = *Senna roemeriana* (Scheele) Irwin & Barneby
wislizeni Gray = *Senna wislizeni* (Gray) Irwin & Barneby
wrightii Gray = *Chamaecrista serpens* (Linnaeus) Greene var. *wrightii* (Gray) Irwin & Barneby
- Cercis** redbud
 Hopkins, M. 1942. *Cercis* in North America. *Rhodora* 44:193-211.
canadensis Linnaeus var. *mexicana* (Rose) Hopkins [M&H]
 redbud
Cercis mexicana Rose
mexicana Rose = *Cercis canadensis* Linnaeus var. *mexicana* (Rose) Hopkins
- Chamaecrista** partridge-pea
 Irwin, H.S. & R.C. Barneby. 1982. The American Cassinae, a synoptical revision of Leguminosae tribe Cassieae subtribe Cassinae in the New World. *Mem. New York Bot. Gard.* 35:1-918.
fasciculata (Michaux) Greene [M&H; W&S]
 sleeping-plant
Cassia chamaecrista Linnaeus
Cassia fasciculata Michaux var. *fasciculata*
Cassia fasciculata Michaux var. *rostrata* (Wooton & Standley) B.L. Turner
Chamaecrista rostrata Wooton & Standley
nictitans (Linnaeus) Moench var. *leptadenia* (Greenman) Gandhi & Hatch [M&H; W&S]
 partridge-pea
Cassia leptadenia Greenman
Chamaecrista leptadenia (Greenman) Cockerell

rostrata Wooton & Standley = *Chamaecrista fasciculata* (Michaux) Greene
leptadenia (Greenman) Cockerell = *Chamaecrista nictitans* (Linnaeus) Moench var. *leptadenia* (Greenman) Ghandi & Hatch
serpens (Linnaeus) Greene var. *wrightii* (Gray) Irwin & Barneby [M&H; W&S]
 slender partridge-pea
Cassia wrightii Gray
Chamaecrista wrightii (Gray) Wooton & Standley
wrightii (Gray) Wooton & Standley = *Chamaecrista serpens* (Linnaeus) Greene var. *wrightii* (Gray) Irwin & Barneby
Clitoria mariana Linnaeus : Reported as expected by M&H; awaits verification.
Cnemidophacos confertiflorus (Gray) Rydberg = *Astragalus flavus* Nuttall var. *flavus*
flavus (Nuttall) Rydberg = *Astragalus flavus* Nuttall var. *flavus*
Cologetia cologonia
 Turner, B.L. 1992. Taxonomic overview of the genus *Cologonia* (Fabaceae, *Phaseoleae*). *Phytologia* 73(4):281-301.
angustifolia Kunth [M&H; W&S]
 long-leaf cologonia
Cologonia longifolia Gray
broussonettii (Balb.) A.P. de Candolle [M&H; W&S]
 Broussonett's cologonia
Cologonia pallida Rose
Cologonia pulchella Humboldt, Bonpland, & Kunth
longifolia Gray = *Cologonia angustifolia* Kunth
pallida Rose = *Cologonia broussonettii* (Balb.) A.P. de Candolle
pulchella Humboldt, Bonpland, & Kunth = *Cologonia broussonettii* (Balb.) DC.
Colutea bladder-senna
 Sivinski, R. 2006. Plant distribution reports. *The New Mexico Botanist* 35:3. [*Colutea arborescens*]
 **arborescens* Linnaeus [Sivinski 2006]
 bladder-senna
Coronilla crown-vetch
 Allred, K.W. 1999. New plant distribution records. *The New Mexico Botanist* 13:7. [*Coronilla varia*]
 Lassen, P. 1989. A new delimitation of the genera *Coronilla*, *Hippocrepis*, and *Securigera* (Fabaceae). *Willdenowia* 19:49-62.
 **varia* Linnaeus [Allred 1999]
 purple crown-vetch
Securigera varia (Linnaeus) Lassen
Crotalaria rattlebox
lupulina Humboldt, Bonpland, & Kunth = *Crotalaria pumila* Ortega
pumila Ortega [M&H; W&S]
 low rattlebox
Crotalaria lupulina Humboldt, Bonpland, & Kunth
sagittalis Linnaeus : Reported as expected by M&H map; awaits verification.
Cystium diphysum (Gray) Rydberg = *Astragalus lentiginosus* Douglas ex Hooker var. *albiflorus* (Gray) Schoener
Dalea prairie-clover
 Barneby, R.C. 1977. *Daleae* Images. *Mem. New York Bot. Gard.* 27:1-892.
 Benson, L. & R.A. Darrow. 1981. *Trees and Shrubs of the Southwestern Deserts*. 3rd ed. Univ. Arizona Press. 416 p. [*Dalea versicolor* var. *sessilis*]
 Peterson, R. 2000. On *Dalea compacta* in New Mexico. *The New Mexico Botanist* 15:5.
 Sivinski, R. & K. Lightfoot, eds. 1994. *Inventory of rare and endangered plants of New Mexico*. New Mexico Forestry and Resources Conservation Division, Misc. Publ. No. 3. [*Dalea pulchra*]
 Wemple, D.K. 1970. Revision of the genus *Petalostemum* (Leguminosae). *Iowa State J. Sci.* 45:1-102.
alba Michaux = *Dalea leporina* (Aiton) Bullock
albiflora Gray [Barneby 1977; M&H; W&S]
 Ord's prairie-clover
Dalea ordiae Gray
Parosela albiflora (Gray) Vail
Parosela ordiae (Gray) Heller
alopecuroides Willdenow = *Dalea leporina* (Aiton) Bullock
argyrea Gray = *Dalea bicolor* Humboldt & Bonpland ex Willdenow var. *argyrea* (Gray) Barneby (Barneby 1977).
aurea Nuttall ex Pursh [M&H; W&S]
 golden prairie-clover
Parosela aurea (Nuttall ex Pursh) Britton
bicolor Humboldt & Bonpland ex Willdenow var. *argyrea* (Gray) Barneby [Barneby 1977; M&H]
 silver prairie-clover
Dalea argyraea Gray
Parosela argyraea (Gray) Heller
bigelovii A. Gray = *Desmodium neomexicanum* A. Gray
brachystachys Gray [M&H; W&S]
 Fort Bowie prairie-clover
Parosela brachystachys (Gray) Heller
calycosa Gray = *Marina calycosa* (Gray) Barneby (Barneby 1977).
candida Muhlenberg ex Willdenow var. *candida* [Barneby 1977; M&H]
 white prairie-clover

Petalostemon candidum (Willdenow) Michaux var. *candidum*
candida Willdenow var. **oligophylla** (Torrey) Shinnars [Barneby 1977; M&H; W&S]
white prairie-clover
Dalea occidentalis (Britton & Kearney) Isely
Petalostemon candidus (Willdenow) Michaux var. *oligophyllus* (Torrey) F.J. Hermann
Petalostemon gracilis Nuttall var. *oligophyllus* Torrey
Petalostemon occidentalis (Gray ex Heller) Fernald
Petalostemon oligophyllus (Torrey) Rydberg
compacta of NM reports = *Dalea cylindriceps* Barneby
compacta Sprengel var. *compacta* : Apparently not occurring in NM fide Peterson (2000); see *Dalea cylindriceps* Barneby
Petalostemon compactus (Sprengel) Swezey
compacta Sprengel var. *pubescens* (Gray) Barneby : Apparently not occurring in NM fide Peterson (2000).
Petalostemon pulcherrimus (Heller) Heller
cylindriceps Barneby [Barneby 1977]
Andean prairie-clover
Dalea compacta of NM reports
Petalostemon macrostachyus Torrey
enneandra Nuttall [M&H; W&S]
slender prairie-clover
Dalea laxiflora Pursh
Parosela enneandra (Nuttall) Britton
exigua Barneby [Barneby 1977; M&H; W&S]
Chihuahuan prairie-clover
Petalostemon exilis Gray, non *Dalea exilis* A.P. de Candolle
filiformis Gray [M&H; W&S]
Sonoran prairie-clover
Parosela filiformis (Gray) Heller
formosa Torrey [M&H; W&S]
feather-plume
Parosela formosa (Torrey) Vail
frutescens Gray [M&H; W&S]
black prairie-clover
Parosela frutescens (Gray) Vail
glaberrima S. Watson = *Dalea lanata* Sprengel var. *terminalis* (M.E. Jones) Barneby
grayi (Vail) L.O. Williams [M&H; W&S]
Gray's prairie-clover
Dalea laevigata Gray
Parosela grayi Vail
greggii Gray [M&H]
Gregg's prairie-clover
Parosela greggii (Gray) Heller
hutchinsoniae M.E. Jones var. *anomala* M.E. Jones = *Dalea polygonoides* Gray
jamesii (Torrey) Torrey & Gray [M&H; W&S]
James's prairie-clover
Parosela jamesii (Torrey) Vail
Psoralea jamesii Torrey
lachnostachya Gray [M&H; W&S]
gland-leaf prairie-clover
Parosela lachnostachya (Gray) Heller
laevigata Gray = *Dalea grayi* (Vail) L.O. Williams
lanata Sprengel var. **lanata** [M&H; W&S]
wooly prairie-clover
Parosela lanata (Sprengel) Britton
lanata Sprengel var. **terminalis** (M.E. Jones) Barneby [Barneby 1977; M&H; W&S]
wooly prairie-clover
Dalea glaberrima S. Watson
Dalea terminalis M.E. Jones
Parosela glaberrima (S. Watson) Rose
Parosela terminalis (M.E. Jones) Heller
laxiflora Pursh = *Dalea enneandra* Nuttall
leporina (Aiton) Bullock [M&H; W&S]
foxtail prairie-clover
Dalea alba Michaux
Dalea alopecuroides Willdenow
Parosela dalea of NM works
nana Torrey ex Gray var. **carnescens** (Rydberg) Kearney & Peebles [Barneby 1977; M&H]

dwarf prairie-clover
Parosela carnescens Rydberg
nana Torrey ex Gray var. **nana** [M&H; W&S]
dwarf prairie-clover
Parosela nana (Torrey) Heller
neomexicana (Gray) Cory [M&H]
New Mexico prairie-clover
occidentalis (Britton & Kearney) Isely = *Dalea candida* Willdenow var. *oligophylla* (Torrey) Shinnery
ordiae Gray = *Dalea albiflora* Gray
pogonathera Gray [M&H; W&S]
bearded prairie-clover
Parosela pogonathera (Gray) Vail
polygonoides Gray [Barneby 1977; M&H; W&S]
six-weeks prairie-clover
Dalea hutchinsoniae M.E. Jones var. *anomala* M.E. Jones
Dalea polygonoides Gray var. *anomala* (M.E. Jones) Morton
Dalea polygonoides Gray var. *laevitula* Kearney & Peebles
Parosela polygonoides (Gray) Heller
polygonoides Gray var. *anomala* (M.E. Jones) Morton = *Dalea polygonoides* Gray
polygonoides Gray var. *laevitula* Kearney & Peebles = *Dalea polygonoides* Gray
pulchra H.C. Gentry [Sivinski & Lightfoot 1994]
Santa Catalina prairie-clover
purpurea Ventenat var. **arenicola** (Wemple) Barneby [Isely 1998]
purple prairie-clover
purpurea Ventenat var. **purpurea** [Barneby 1977; M&H; W&S]
purple prairie-clover
Petalostemon molle Rydberg
Petalostemon purpureum (Ventenat) Rydberg
Petalostemon purpureum (Ventenat) Rydberg var. *molle* (Rydberg) A. Nelson
Petalostemon violaceum Michaux
+**scariosa** S. Watson [Barneby 1977; M&H; W&S]
Albuquerque prairie-clover
Petalostemon prostratus Wootton & Standley
Petalostemon scariosus (S. Watson) Wemple
scoparia Gray = *Psoralea scoparia* (Gray) Rydberg
scoparia Gray var. *subrosea* Cockerell = *Psoralea scoparia* (Gray) Rydberg
sessilis (Gray) Tidestrom = *Dalea versicolor* Zuccarini var. *sessilis* (Gray) Barneby
tenuifolia (Gray) Shinnery [Barneby 1977; W&S]
slim-leaf prairie-clover
Petalostemon tenuifolius Gray
terminalis M.E. Jones = *Dalea lanata* Sprengel var. *terminalis* (M.E. Jones) Barneby
urceolata Greene [M&H; W&S]
pinewoods prairie-clover
Parosela urceolata (Greene) Standley
versicolor Zuccarini var. **sessilis** (Gray) Barneby [Benson & Darrow 1981; M&H]
oakwoods prairie-clover
Dalea sessilis (Gray) Tidestrom
Dalea wislizeni sensu M&H
Dalea wislizeni Gray var. *sessilis* Gray
villosa (Nuttall) Sprengel [Barneby 1977; M&H]
silky prairie-clover
Petalostemon villosus Nuttall
wislizeni sensu M&H = *Dalea versicolor* Zuccarini var. *sessilis* (Gray) Barneby
wislizeni Gray var. *sessilis* Gray = *Dalea versicolor* Zuccarini var. *sessilis* (Gray) Barneby
wrightii Gray [M&H; W&S]
Wright's prairie-clover
Parosela wrightii (Gray) Vail

Desmanthus bundle-flower
Luckow, M. 1993. Monograph of *Desmanthus* (Leguminosae- Mimosoideae). Syst. Bot. Monogr. 38:1-166.
Worthington, R.D. 2003. Plant distribution records. The New Mexico Botanist 28:8. [*Desmanthus leptolobus*]
cooleyi (Eaton) Trelease [M&H; W&S]
Cooley's bundle-flower
Acuan jamesii (Torrey & Gray) Kuntze
Desmanthus jamesii Torrey & Gray
glandulosus (B.L. Turner) Luckow [M&H]
glandular bundle-flower

Desmanthus virgatus (Linnaeus) Willdenow var. *glandulosus* B.L. Turner
illinoensis (Michaux) MacMillan ex B.L. Robinson & Fernald [M&H; W&S]
 prairie bundle-flower
Acuan illinoense (Michaux) Kuntze
jamesii Torrey & Gray = *Desmanthus cooleyi* (Eaton) Trelease
***leptolobus** Torrey & Gray [Worthington 2003]
obtusus S. Watson [M&H]
 blunt-pod bundle-flower
Acuan fallax Small
Acuan obtusum (S. Watson) Heller
velutinus Scheele [M&H]
 velvet bundle-flower
Acuan velutinum (Scheele) Kuntze
virgatus (Linnaeus) Willdenow var. *glandulosus* B.L. Turner = *Desmanthus glandulosus* (B.L. Turner) Luckow
Desmodium tick-trefoil
 Schubert, B.G. 1950. *Desmodium*: Preliminary studies-III. *Rhodora* 52:135-155.
 Vail, A.M. 1896. Studies in the Leguminosae, -- I. Notes on *Meibomia*. *Bull. Torrey Bot. Club* 23:139-141. [*Desmodium psilophyllum*]
 Worthington, R.D. 2003. Plant distribution records. *The New Mexico Botanist* 28:8. [*Desmodium procumbens*]
arizonicum S. Watson [M&H; W&S]
 Arizona tick-trefoil
Meibomia arizonica (S. Watson) Vail
batocaulon Gray [M&H; W&S]
 San Pedro tick-trefoil
Meibomia batocaulis (Gray) Kuntze
exiguum A. Gray = *Desmodium neomexicanum* A. Gray
grahamii Gray [M&H; W&S]
 Graham's tick-trefoil
Meibomia grahamii (Gray) Kuntze
metcalfei (Rose & Painter) Kearney & Peebles [M&H; W&S]
 Metcalfe's tick-trefoil
Meibomia metcalfei Rose & Painter
neomexicanum A. Gray [M&H; W&S]
 New Mexico tick-trefoil
Dalea bigelovii A. Gray
Desmodium exiguum A. Gray
Dalea neomexicanum A. Gray var. *bigelovii* (A. Gray) S. Watson
Dalea spirale var. *bigelovii* (A. Gray) B.L. Robinson & J.L. Greenman
Meibomia bigelovii (A. Gray) Kuntze
Meibomia neomexicana (A. Gray) Kuntze
neomexicanum A. Gray var. *bigelovii* (A. Gray) S. Watson = *Desmodium neomexicanum* A. Gray
procumbens (Millsbaugh) A.S. Hitchcock [Worthington 2003]
psilocarpum A. Gray [Isely 1998]
 Santa Cruz Island tick-trefoil
psilophyllum Schlectendal [Vail 1896]
 single-leaf tick-trefoil
Desmodium wrightii A. Gray
rosei Schubert [M&H]
 Rose's tick-trefoil
spirale var. *bigelovii* (A. Gray) B.L. Robinson & J.L. Greenman = *Desmodium neomexicanum* A. Gray
wrightii A. Gray = *Desmodium psilophyllum* Schlectendal
Diholcos bisulcatus (Hooker) Rydberg = *Astragalus bisulcatus* (Hooker) Gray var. *bisulcatus*
heydenianus (Gray) Rydberg = *Astragalus bisulcatus* (Hooker) Gray var. *bisulcatus*
oocalycis (M.E. Jones) Rydberg = *Astragalus oocalycis* M.E. Jones
Dolicholus texanus (Torrey & A. Gray) Vail = *Rhynchosia senna* Gillies ex Hooker var. *texana* (Torrey & A. Gray) M.C. Johnston
Earleocassia bauhinioides (Gray) Britton & Rose = *Senna bauhinioides* (Gray) Irwin & Barneby
covesii (Gray) Britton & Rose = *Senna covesii* (Gray) Irwin & Barneby
lindheimeriana (Scheele) Britton = *Senna lindheimeriana* (Scheele) Irwin & Barneby
roemeriana (Scheele) Britton = *Senna roemeriana* (Scheele) Irwin & Barneby
Erythrina coral-bean
 Krukoff, B.A. & R.C. Barneby. 1974. Conspectus of species of the genus *Erythrina*. *Lloydia* 37:332-459.
flabelliformis Kearney [M&H; W&S]
 coral-bean
Eysenhardtia kidneywood
amorphoides Humboldt, Bonpland, & Kunth var. *orthocarpa* A. Gray = *Eysenhardtia orthocarpa* (A. Gray) S. Watson
polystachya of NM works, not (Ortega) Sargent = *Eysenhardtia orthocarpa* (A. Gray) S. Watson
orthocarpa (A. Gray) S. Watson [M&H; W&S]
 desert kidneywood

- Eysenhardtia amorphoides* Humboldt, Bonpland, & Kunth var. *orthocarpa* A. Gray
Eysenhardtia polystachya of NM works, not (Ortega) Sargent
Viborquia orthocarpa (A. Gray) Cockerell
- Galactia** milk-pea
tephrodes A. Gray = *Galactia wrightii* A. Gray var. *wrightii*
wrightii A. Gray var. **wrightii** [M&H; W&S]
Wright's milk-pea
Galactia tephrodes A. Gray
- Geoprimum crassicarpum* (Nuttall) Rydberg = *Astragalus crassicarpus* Nuttall var. *crassicarpus*
- Gleditsia** honey-locust
Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Gleditsia triacanthos*]
***triacanthos** Linnaeus [Allred 1999]
honey-locust
- Glycyrrhiza** licorice
lepidota Nuttall ex Pursh [M&H; W&S]
American licorice
Liquiritia lepidota Nuttall
- Hamosa austrina* Small = *Astragalus nuttallianus* A.P. de Candolle var. *austrinus* (Small) Barneby
emoryana Rydberg = *Astragalus emoryanus* (Rydberg) Cory
feensis (M.E. Jones) Rydberg = *Astragalus feensis* M.E. Jones
nothoxys (Gray) Rydberg = *Astragalus nothoxys* Gray
scaposa (Gray) Rydberg = *Astragalus calycosus* Torrey ex S. Watson var. *scaposus* (Gray) M.E. Jones
vaccharum (Gray) Rydberg = *Astragalus vaccharum* Gray
- Hedysarum** sweet-vetch
boreale Nuttall var. **boreale** [Isely 1998; M&H; W&S]
boreal sweet-vetch
Hedysarum pabulare A. Nelson
boreale Nuttall var. **cinerascens** (Rydberg) Rollins [Isely 1998]
boreal sweet-vetch
onobrychis Linnaeus = *Onobrychis viciifolia* Scopoli
pabulare A. Nelson = *Hedysarum boreale* Nuttall
- Hoffmannseggia** rush-pea
Simpson, B.B. & B. Miao. 1997. The circumscription of *Hoffmannseggia* (Fabaceae, Caesalpinioideae, Caesalpinieae) and its allies using morphological and cpDNA restriction site data. Pl. Syst. Evol. 205:157-178.
brachycarpa A. Gray : Reported as expected by M&H map; the type, collected by Charles Wright, stated "New Mexico", but no specimens are known from the state; awaits verification.
caudata A. Gray : Reported as expected by M&H map; awaits verification.
Schrammia caudata (A. Gray) Britton & Rose
densiflora Bentham = *Hoffmannseggia glauca* (Ortega) Eifert
drepanocarpa A. Gray [M&H; W&S]
sickle-pod hog-potato
Caesalpinia drepanocarpa (A. Gray) E.M. Fisher
glauca (Ortega) Eifert [M&H; W&S]
waxy rush-pea
Hoffmannseggia densiflora Bentham
jamesii Torrey & A. Gray = *Pomaria jamesii* (Torrey & A. Gray) Walpers
- Homalobus canovirens* Rydberg = *Astragalus coltonii* M.E. Jones var. *moabensis* M.E. Jones
hallii (Gray) Rydberg = *Astragalus hallii* Gray var. *hallii*
proximus Rydberg = *Astragalus proximus* (Rydberg) Wootton & Standley
standleyi Rydberg = *Astragalus multiflorus* (Pursh) Gray
wingatanus (S. Watson) Rydberg = *Astragalus wingatanus* S. Watson
- Hosackia brachycarpa* Bentham = *Lotus humistratus* Greene
purshiana Bentham = *Lotus purshianus* (Bentham) Clements & Clements
rigida Bentham var. *nummularia* M.E. Jones = *Lotus plebeius* (Brandege) Barneby
- Indigofera** indigo
sphaerocarpa A. Gray [M&H]
Sonoran indigo
Amorpha ovalis M.E. Jones
- Jonesiella ellisiae* Rydberg = *Astragalus praelongus* Sheldon var. *ellisiae* (Rydberg) Barneby
pattersonii (Gray) Rydberg = *Astragalus pattersonii* Gray in Brandege
recedens Greene = *Astragalus praelongus* Sheldon var. *praelongus*
- Krameria* = see KRAMERIACEAE
- Kummerowia striata* (Thunberg) Schindler [=Lepedeza striata (Thunberg) Hooker & Arnott] : Reported without documentation by Kartesz (1999); awaits verification.
- Lathyrus** sweetpea
Allred, K.W. 2003. Plant distribution reports. The New Mexico Botanist 25:7. [*Lathyrus brachycalyx* var. *zionis*]
Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4. [*L. pauciflorus utahensis*]

- Hitchcock, C.L. 1952. A revision of the North American species of *Lathyrus*. Univ. Wash. Publ. Biol. 15:1-104.
- Johnson, S. & K.W. Allred. 2003. A taxonomic review of the tendril-bearing legumes (Leguminosae) in New Mexico. I. *Lathyrus*. The New Mexico Botanist 25:1-7.
- Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. Sida 11(4):455-470. [*Lathyrus latifolius*]
- arizonicus** Britton [Johnson & Allred 2003; M&H; W&S]
Arizona sweetpea
- brachycalyx** Rydberg var. **zionis** (C.L. Hitchcock) Welsh [Allred 2003; Johnson & Allred 2003]
Zion's sweetpea
- decaphyllus** Pursh = *Lathyrus eucosmus* Butters & St. John
- eucosmus** Butters & St. John [Johnson & Allred 2003; M&H; W&S]
bush sweetpea
Lathyrus decaphyllus Pursh
- graminifolius** (S. Watson) White [Johnson & Allred 2003; M&H; W&S]
grass-leaf sweetpea
Lathyrus palustris Linnaeus var. *graminifolius* S. Watson
- *hirsutus** Linnaeus [Isely 1998; Johnson & Allred 2003]
Singletary sweetpea
- incanus** (Smyth & Rydberg) Rydberg = *Lathyrus polymorphus* Nuttall subsp. *incanus* (Smyth & Rydberg) C.L. Hitchcock
laetivirens Greene ex Rydberg : Reported by various authors, but not in NM in the circumscription of Johnson & Allred (2003).
Lathyrus lanzwertii Kellogg var. *laetivirens* (Greene ex Rydberg) Welsh
Lathyrus leucanthus Rydberg var. *laetivirens* (Greene ex Rydberg) C.L. Hitchcock
lanzwertii Kellogg var. **lanzwertii** : Reported by Isely (1998), but not in NM in the circumscription of Johnson & Allred (2003).
lanzwertii Kellogg var. *laetivirens* (Greene ex Rydberg) Welsh = *Lathyrus laetivirens* Greene ex Rydberg
lanzwertii Kellogg var. *leucanthus* (Rydberg) Dorn = *Lathyrus leucanthus* Rydberg
lanzwertii Kellogg var. *pallescens* Barneby : Reported by Barneby (1989), but not in NM in the circumscription of Johnson & Allred (2003).
- *latifolius** Linnaeus [Johnson & Allred 2003; Spellenberg et al. 1986]
everlasting-pea
leucanthus Rydberg var. *laetivirens* (Greene ex Rydberg) C.L. Hitchcock = *Lathyrus laetivirens* Greene ex Rydberg
- leucanthus** Rydberg [Johnson & Allred 2003; M&H; W&S]
Rocky Mountain sweet-pea
Lathyrus lanzwertii Kellogg var. *leucanthus* (Rydberg) Dorn
oreophilus Wooton & Standley = *Lathyrus venosus* Muhlenberg ex Willdenow var. *intonsus* (Butters & St. John) C.L. Hitchcock
ornatus Nuttall var. *incanus* Smyth & Rydberg = *Lathyrus polymorphus* Nuttall subsp. *incanus* (Smyth & Rydberg) C.L. Hitchcock
palustris Linnaeus var. *graminifolius* S. Watson = *Lathyrus graminifolius* (S. Watson) White
parvifolius S. Watson : Reported by W&S, but this is a Mexican species not found in NM (Hitchcock 1952).
pauciflorus Fernald var. *utahensis* (M.E. Jones) Piper ex M.E. Peck : Reported by Heil et al. (2002), but the specimen in question (Heil & Miety 14908) is corrected to *Lathyrus eucosmus* (Johnson & Allred 2003).
- polymorphus** Nuttall subsp. **incanus** (Smyth & Rydberg) C.L. Hitchcock [Johnson & Allred 2003; M&H; W&S]
hoary sweetpea
Lathyrus incanus (Smyth & Rydberg) Rydberg
Lathyrus ornatus Nuttall var. *incanus* Smyth & Rydberg
polymorphus Nuttall subsp. **polymorphus** : Reported as expected by M&H map; awaits verification.
tingitanus Linnaeus : Planted at Bosque del Apache (Socorro Co.) in 1957, but not persisting and not known in the wild in NM (Johnson & Allred 2003).
- *venosus** Muhlenberg ex Willdenow var. **intonsus** Butters & St. John [Johnson & Allred 2003; M&H; W&S]
veiny sweetpea
Lathyrus oreophilus Wooton & Standley
- Leptoglottis occidentalis** (Wooton & Standley) Britton & Rose = *Mimosa quadrivalvis* Linnaeus var. *occidentalis* (Wooton & Standley) Barneby
Lespedeza striata (Thunberg) Hooker & Arnott : Reported without documentation by Kartesz (1999); awaits verification.
- Leucaena** leadtree
Hughes, C. 1998. Monograph of *Leucaena* (Leguminosae-Mimosoideae). Syst. Bot. Monogr. 55:1-244. [*L. retusa*]
retusa Bentham [Hughes 1998]
little-leaf leadtree
- Liquivitia lepidota** Nuttall = *Glycyrrhiza lepidota* Nuttall ex Pursh
- Lotus** trefoil
Barneby, R.C. 1989. *Lotus*, pp. 190-198. IN: Intermountain Flora, vol. 3. New York Botanical Garden.
Isely, D. 1981. Leguminosae of the United States: III. Subfamily Papilionoideae: Tribes Sophoreae, Podalyrieae, Loteae. Mem. N.Y. Bot. Gard. 25(3):1-264.
Ottley, A.M. 1944. The American Loti with special consideration of a proposed new section, *Simpeteria*. Brittonia 5:81-123.
americanus (Nuttall) Rydberg = *Lotus purshianus* (Bentham) Clements & Clements
- *corniculatus** Linnaeus [M&H]
birds-foot trefoil
- greenei** Ottley ex Kearney & Peebles [M&H; W&S]
Greene's trefoil
Anisolotus mollis (Greene) Heller
- humistratus** Greene [M&H; W&S]
foothill trefoil

Anisolotus brachycarpus (Bentham) Rydberg
Anisolotus trispermus (Greene) Wooton & Standley
Hosackia brachycarpa Bentham
Lotus trispermus Greene
neomexicanus Greene = *Lotus plebeius* (Brandegee) Barneby
×*nummularius* (M.E. Jones) Tidestrom = *Lotus plebeius* (Brandegee) Barneby
oroboides (Humboldt, Bonpland, & Kunth) Ottley var. *nanus* (A. Gray) Isely = *Lotus plebeius* (Brandegee) Barneby
oroboides (Humboldt, Bonpland, & Kunth) Ottley var. *nummularis* (Jones) Isely = *Lotus plebeius* (Brandegee) Barneby
oroboides (Humboldt, Bonpland, & Kunth) Ottley var. *oroboides* = *Lotus plebeius* (Brandegee) Barneby
plebeius (Brandegee) Barneby [Isely 1981; M&H; W&S]
New Mexico trefoil
Anisolotus neomexicanus (Greene) Heller
Anisolotus nummularius (M.E. Jones) Wooton & Standley
Anisolotus puberulus (Bentham) Wooton & Standley
Hosackia rigida Bentham var. *nummularia* M.E. Jones
Lotus neomexicanus Greene
Lotus oroboides (Humboldt, Bonpland, & Kunth) Ottley var. *nanus* (A. Gray) Isely
Lotus oroboides (Humboldt, Bonpland, & Kunth) Ottley var. *nummularis* (Jones) Isely
Lotus oroboides (Humboldt, Bonpland, & Kunth) Ottley var. *oroboides*
Lotus ×*nummularius* (M.E. Jones) Tidestrom
Lotus puberulus (Bentham) Greene
puberulus (Bentham) Greene = *Lotus plebeius* (Brandegee) Barneby
purshianus (Bentham) Clements & Clements [M&H; W&S]
Pursh's trefoil
Acemison americanum (Nuttall) Rydberg
Hosackia purshiana Bentham
Lotus americanus (Nuttall) Rydberg
rigidus (Bentham) Greene : Reported by W&S (as *Anisolotus rigidus* Bentham), but not occurring in NM (Barneby 1989; M&H).
trispermus Greene = *Lotus humistratus* Greene
wrightii (A. Gray) Greene [M&H; W&S]
Wright's trefoil
Anisolotus wrightii (A. Gray) Rydberg

Lupinus lupine

Barneby, R.C. 1989. *Lupinus*, pp. 237-267. IN: Intermountain Flora, vol. 3. New York Botanical Garden.
Great Plains Flora Association. 1977. Atlas of the Flora of the Great Plains. Iowa State Univ. Press. 600 pp. [*Lupinus argenteus* var. *parviflorus*]
Peterson, R.S. 2000. New plant distribution records. The New Mexico Botanist 15:7. [*Lupinus argenteus* var. *argenteus*]
aduncus Greene = *Lupinus argenteus* Pursh var. *argophyllus* (Gray) S. Watson
alpestris A. Nelson = *Lupinus argenteus* Pursh var. *rubricaulis* (Greene) Welsh
ammophilus Greene = *Lupinus polyphyllus* Lindley var. *ammophilus* (Greene) Barneby
amplus Greene = *Lupinus polyphyllus* Lindley var. *prunophilus* (M.E. Jones) L. Phillips
aquilinus Wooton & Standley = *Lupinus sierra-blancae* Wooton & Standley subsp. *aquilinus* (Wooton & Standley) Fleak & D. Dunn
argenteus Pursh var. ***argentatus*** (Rydberg) Barneby [Barneby 1989; Peterson 2000]
silvery lupine
argenteus Pursh var. ***argenteus*** [M&H]
silvery lupine
Lupinus cutleri Eastwood
Lupinus sitgreavesii S. Watson
argenteus Pursh var. ***argophyllus*** (Gray) S. Watson [M&H; W&S]
silvery lupine
Lupinus aduncus Greene
Lupinus argophyllus (Gray) Cockerell
Lupinus caudatus Kellogg subsp. *argophyllus* (Gray) Phillips
Lupinus helleri Greene
argenteus Pursh var. ***fulvomaculatus*** (Payson) Barneby [M&H; W&S]
silvery lupine
Lupinus ingratus Greene
argenteus Pursh var. ***hillii*** (Greene) Barneby [M&H]
Hill's silvery lupine
Lupinus hillii Greene
Lupinus osterhoutianus C.P. Smith
argenteus Pursh var. ***laxiflorus*** (Douglas ex Lindley) Dorn [M&H]
Lupinus argenteus Pursh var. *stenophyllus* (Rydberg) Davis
argenteus Pursh var. ***myrianthus*** (Greene) Isely [M&H]
silvery lupine
Lupinus floribundus Greene
argenteus Pursh var. ***palmeri*** (S. Watson) Barneby [M&H; W&S]
Palmer's silvery lupine
Lupinus palmeri S. Watson

argenteus Pursh var. **parviflorus** (Nuttall ex Hooker & Arnott) C.L. Hitchcock [Great Plains Flora Association 1977]
 silvery lupine

argenteus Pursh var. **rubricaulis** (Greene) Welsh [M&H]
 silvery lupine
Lupinus alpestris A. Nelson
Lupinus rubricaulis Greene

argenteus Pursh var. **stenophyllus** (Rydberg) Davis = *Lupinus argenteus* Pursh var. **laxiflorus** (Douglas ex Lindley) Dorn
argillaceus Wooton & Standley = *Lupinus kingii* S. Watson
argophyllus (Gray) Cockerell = *Lupinus argenteus* Pursh var. **argophyllus** (Gray) S. Watson
bakeri Greene = *Lupinus sericeus* Pursh

brevicaulis S. Watson [M&H; W&S]
 short-stem lupine
Lupinus dispersus Heller

caudatus Kellogg subsp. **argophyllus** (Gray) Phillips = *Lupinus argenteus* Pursh var. **argophyllus** (Gray) S. Watson

concinus Agardh var. **concinus** [M&H]
 annual lupine

concinus Agardh var. **orcuttii** (S. Watson) C.P. Smith [M&H; W&S]
 Orcutt's annual lupine
Lupinus micensis M.E. Jones
Lupinus orcuttii S. Watson

cutleri Eastwood = *Lupinus argenteus* Pursh var. **argenteus**
dispersus Heller = *Lupinus brevicaulis* S. Watson
floribundus Greene = *Lupinus argenteus* Pursh var. **myrianthus** (Greene) Isely
helleri Greene = *Lupinus argenteus* Pursh var. **argophyllus** (Gray) S. Watson
hillii Greene = *Lupinus argenteus* Pursh var. **hillii** (Greene) Barneby
ingratus Greene = *Lupinus argenteus* Pursh var. **fulvomaculatus** (Payson) Barneby

kingii S. Watson [M&H; W&S]
 King's lupine
Lupinus argillaceus Wooton & Standley
Lupinus kingii S. Watson var. **argillaceus** (Wooton & Standley) C.P. Smith
Lupinus sileri S. Watson

kingii S. Watson var. **argillaceus** (Wooton & Standley) C.P. Smith = *Lupinus kingii* S. Watson
laetus Wooton & Standley = *Lupinus latifolius* Agardh var. **leucanthus** (Rydberg) Isely

latifolius Lindley ex Agardh var. **leucanthus** (Rydberg) Isely [M&H; W&S]
 broad-leaf lupine
Lupinus laetus Wooton & Standley

lepidus Douglas ex Lindley var. **utahensis** (Watson) C.L. Hitchcock [Heil et al. 2002]
 elegant lupine

micensis M.E. Jones = *Lupinus concinns* Agardh var. **orcuttii** (S. Watson) C.P. Smith

neomexicanus Greene [M&H; W&S]
 New Mexico lupine

orcuttii S. Watson = *Lupinus concinns* Agardh var. **orcuttii** (S. Watson) C.P. Smith
osterhoutianus C.P. Smith = *Lupinus argenteus* Pursh var. **hillii** (Greene) Barneby
palmeri S. Watson = *Lupinus argenteus* Pursh var. **palmeri** (S. Watson) Barneby

plattensis S. Watson [M&H]
 Nebraska lupine

polyphyllus Lindley var. **ammophilus** (Greene) Barneby [M&H; W&S]
 sand lupine
Lupinus ammophilus Greene

polyphyllus Lindley var. **prunophilus** (M.E. Jones) L. Phillips [M&H; W&S]
 big-leaf lupine
Lupinus amplus Greene

pusillus Pursh [M&H; W&S]
 rusty lupine
Lupinus pusillus Pursh var. **intermontanus** (Heller) C. P. Smith
Lupinus pusillus Pursh subsp. **rubens** (Rydberg) Dunn
Lupinus rubens Rydberg

pusillus Pursh var. **intermontanus** (Heller) C. P. Smith = *Lupinus pusillus* Pursh
pusillus Pursh subsp. **rubens** (Rydberg) Dunn = *Lupinus pusillus* Pursh
rubricaulis Greene = *Lupinus argenteus* Pursh var. **rubricaulis** (Greene) Welsh

sericeus Pursh [M&H]
 silky lupine
Lupinus bakeri Greene

sierra-blancae Wooton & Standley subsp. **aquilinus** (Wooton & Standley) Fleak & D. Dunn = *Lupinus sierra-blancae* Wooton & Standley
 +**sierra-blancae** Wooton & Standley [M&H; W&S]
 White Mountain lupine

- Lupinus aquilinus* Wooton & Standley
Lupinus sierra-blancae Wooton & Standley subsp. *aquilinus* (Wooton & Standley) Fleak & D. Dunn
sileri S. Watson = *Lupinus kingii* S. Watson
sitgreavesii S. Watson = *Lupinus argenteus* Pursh var. *argenteus*
sparsiflorus Bentham subsp. *mohavensis* Dziekanowski & D. Dunn [M&H]
 Mohave lupine
- Macropitium** bush-bean
 Buhrow, R. 1983. The wild beans of southwestern North America. *Desert Plants* 5(2):67-88.
 **gibbosifolium* (Ortega) A. Delgado [Buhrow 1983; M&H; W&S]
 bush-bean
Phaseolus heterophyllus Willdenow var. *heterophyllus*
Phaseolus heterophyllus Willdenow var. *rotundifolius* (Gray) Piper
Phaseolus macropoides Gray
Phaseolus rotundifolius Gray
- Marina** prairie-clover
 Barneby, R.C. 1977. Daleae Imagines. *Mem. New York Bot. Gard.* 27:1-892.
calycosa (Gray) Barneby [Barneby 1977; M&H; W&S]
 San Pedro prairie-clover
Dalea calycosa Gray
Parosela calycosa (Gray) Heller
- Medicago** medick
 Small, E. & M. Jomphe. 1989. A synopsis of the genus *Medicago* (Leguminosae). *Can. J. Bot.* 67:3260-3294.
hispida Gaertner = *Medicago polymorpha* Linnaeus
 **lupulina* Linnaeus [M&H; W&S]
 black medick
 **polymorpha* Linnaeus [M&H]
 toothed medick
Medicago hispida Gaertner
 **sativa* Linnaeus [M&H; W&S]
 alfalfa
- Meibomia arizonica* (S. Watson) Vail = *Desmodium arizonicum* S. Watson
batocaulis (Gray) Kuntze = *Desmodium batocaulon* Gray
bigelovii (Gray) Kuntze = *Desmodium neomexicanum* Gray
grahamii (Gray) Kuntze = *Desmodium grahamii* Gray
metcalfei Rose & Painter = *Desmodium metcalfei* (Rose & Painter) Kearney & Peebles
neomexicana (Gray) Kuntze = *Desmodium neomexicanum* Gray
- Melilotus** sweet-clover
 Stevenson, G.A. 1969. An agronomic and taxonomic review of the genus *Melilotus* Miller *Canad. J. Pl. Sci.* 49:1-20.
 **albus* Medikus [M&H; W&S]
 white sweet-clover
 **indicus* (Linnaeus) Allioni [M&H; W&S]
 Indian sweet-clover
Melilotus parviflora Desfontaines
Trifolium melilotus-indica Linnaeus
 **officinalis* (Linnaeus) Pallas [M&H; W&S]
 yellow sweet-clover
Trifolium melilotus-officinalis Linnaeus
parviflora Desfontaines = *Melilotus indicus* (Linnaeus) Allioni
- Mimosa** mimosa
 Barneby, R.C. 1991. *Sensitivae Censitae*. *Mem. N.Y. Bot. Gard.* 65:1-835.
 Isely, D. 1971. Legumes of the United States. IV. *Mimosa*. *Am. Midland Naturalist* 85(2):410-424.
 Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. *Sida* 11(4):455-470. [*Mimosa quadrivalvis* var. *angustata*]
aculeaticarpa Ortega var. *biuncifera* (Bentham) Barneby [Isely 1998; M&H; W&S]
 wait-a-minute-bush
Mimosa biuncifera Bentham
Mimosa biuncifera Bentham var. *glabrescens* Gray
Mimosa biuncifera Bentham var. *lindheimeri* (Gray) Robinson
Mimosa flexuosa Bentham
Mimosa lindheimeri Gray
Mimosa warnockii B.L. Turner
Mimosopsis biuncifera (Bentham) Britton & Rose
Mimosopsis biuncifera (Bentham) Britton & Rose var. *flexuosa* (Bentham) Robinson
Mimosopsis flexuosa (Bentham) Britton & Rose
biuncifera Bentham = *Mimosa aculeaticarpa* Ortega var. *biuncifera* (Bentham) Barneby
biuncifera Bentham var. *glabrescens* Gray = *Mimosa aculeaticarpa* Ortega var. *biuncifera* (Bentham) Barneby
biuncifera Bentham var. *lindheimeri* (Gray) Robinson = *Mimosa aculeaticarpa* Ortega var. *biuncifera* (Bentham) Barneby
borealis Gray [Barneby 1991; M&H; W&S]

fragrant mimosa
Mimosa fragrans Gray
flexuosa Bentham = *Mimosa aculeaticarpa* Ortega var. *biuncifera* (Bentham) Barneby
dysocarpa Bentham [Barneby 1991; M&H; W&S]
 velvety mimosa
Mimosa dysocarpa Bentham var. *wrightii* (Gray) Kearney & Peebles
Mimosa wrightii Gray
dysocarpa Bentham var. *wrightii* (Gray) Kearney & Peebles = *Mimosa dysocarpa* Bentham
fragrans Gray = *Mimosa borealis* Gray
grahamii Gray var. *grahamii* [Barneby 1991; M&H; W&S]
 Graham's mimosa
Mimosa grahamii Gray var. *lemmonii* (Gray) Kearney & Peebles
Mimosa lemmonii Gray
grahamii Gray var. *lemmonii* (Gray) Kearney & Peebles = *Mimosa grahamii* Gray var. *grahamii*
lemmonii Gray = *Mimosa grahamii* Gray
lindheimeri Gray = *Mimosa aculeaticarpa* Ortega var. *biuncifera* (Bentham) Barneby
 **quadrivalvis* Linnaeus var. *angustata* (Torrey & Gray) Barneby [Spellenberg et al. 1986]
 sensitive briar
Schrankia uncinata Willdenow
quadrivalvis Linnaeus var. *occidentalis* (Wooton & Standley) Barneby [Barneby 1991; M&H; W&S]
 western sensitive briar
Leptoglottis occidentalis (Wooton & Standley) Britton & Rose
Mimosa rupertiana B.L. Turner
Morongia occidentalis Wooton & Standley
Schrankia occidentalis (Wooton & Standley) Standley
rupertiana B.L. Turner = *Mimosa quadrivalvis* Linnaeus var. *occidentalis* (Wooton & Standley) Barneby
warnockii B.L. Turner = *Mimosa aculeaticarpa* Ortega var. *biuncifera* (Bentham) Barneby
wrightii Gray = *Mimosa dysocarpa* Bentham
Mimosopsis biuncifera (Bentham) Britton & Rose = *Mimosa aculeaticarpa* Ortega var. *biuncifera* (Bentham) Barneby
biuncifera (Bentham) Britton & Rose var. *flexuosa* (Bentham) Robinson = *Mimosa aculeaticarpa* Ortega var. *biuncifera* (Bentham) Barneby
flexuosa (Bentham) Britton & Rose = *Mimosa aculeaticarpa* Ortega var. *biuncifera* (Bentham) Barneby
Morongia occidentalis Wooton & Standley = *Mimosa quadrivalvis* Linnaeus var. *occidentalis* (Wooton & Standley) Barneby
Onobrychis sainfoin
onobrychis (Linnaeus) Rydberg = *Onobrychis viciifolia* Scopoli
sativa Lamarck = *Onobrychis viciifolia* Scopoli
 **viciifolia* Scopoli [M&H; W&S]
 sainfoin
Hedysarum onobrychis Linnaeus
Onobrychis onobrychis (Linnaeus) Rydberg
Onobrychis sativa Lamarck
Oxytropis crazyweed
 Barneby, R.C. 1952. A revision of the North American species of *Oxytropis* A.P. de Candolle Proc. Calif. Acad. Sci. 27(7):177-312.
 Sivinski, R. 1993. Noteworthy collections (New Mexico). Madroño 40:273-274. [*Oxytropis deflexa* var. *deflexa*]
 Welsh, S.L. 1995. North American types of *Oxytropis* A.P. de Candolle (Leguminosae) at the Natural History Museum and Royal Botanic Garden, England, with nomenclatural comments and a new variety. Great Basin Naturalist 55:271-281.
 Welsh, S.L. 2001. Revision of North American species of *Oxytropis* A.P. de Candolle (Leguminosae). Publ. by the author.
deflexa (Pallas) A.P. de Candolle var. *deflexa* of NM works = *Oxytropis deflexa* (Pallas) A.P. de Candolle var. *pulcherrima* Welsh & A. Huber
deflexa (Pallas) A.P. de Candolle var. *pulcherrima* Welsh & A. Huber [Sivinski 1993; W&S; Welsh 1995]
 drooping crazyweed
Oxytropis deflexa (Pallas) A.P. de Candolle var. *deflexa* of NM works
deflexa (Pallas) A.P. de Candolle var. *sericea* Torrey & Gray [M&H; Welsh 2001]
 drooping crazyweed
lambertii Pursh var. *articulata* (Greene) Barneby [Barneby 1952]
 Lambert's crazyweed
lambertii Pursh var. *bigelovii* Gray [M&H; W&S; Welsh 2001]
 Bigelow's crazyweed
nothoxys (Gray) M.E. Jones = *Astragalus nothoxys* Gray
parryi Gray [M&H; W&S; Welsh 2001]
 Parry's crazyweed
Aragallus parryi (Gray) Greene
Astragalus parryanus Tidestrom
pinetorum (Heller) Wooton & Standley = *Oxytropis sericea* Nuttall
richardsonii (Hooker) Wooton & Standley = *Oxytropis splendens* Douglas
sericea Nuttall var. *sericea* [M&H; W&S; Welsh 2001]
 white crazyweed
Aragallus pinetorum Heller

Aragallus pinetorum Heller var. *vegana* Cockerell
Oxytropis pinetorum (Heller) Wooton & Standley
Oxytropis vegana (Cockerell) Wooton & Standley
splendens Douglas ex Hooker [M&H; W&S; Welsh 2001]
whorled crazyweed
Aragallus splendens (Douglas ex Hooker) Greene
Oxytropis richardsonii (Hooker) Wooton & Standley
Oxytropis splendens Douglas ex Hooker var. *richardsonii* Hooker
splendens Douglas ex Hooker var. *richardsonii* Hooker = *Oxytropis splendens* Douglas ex Hooker
vegana (Cockerell) Wooton & Standley = *Oxytropis sericea* Nuttall

Parkinsonia palo-verde
Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Parkinsonia aculeata*]
***aculeata** Linnaeus [Allred 1999]

Mexican palo-verde
Parosela albiflora (Gray) Vail = *Dalea albiflora* Gray
argyrea (Gray) Heller = *Dalea*
aurea (Nuttall) Britton = *Dalea aurea* Nuttall
brachystachys (Gray) Heller = *Dalea brachystachys* Gray
calycosa (Gray) Heller = *Marina calycosa* (Gray) Barneby
carnescens Rydberg = *Dalea nana* Torrey ex Gray var. *carnescens* (Rydberg) Kearney & Peebles
dalea of NM works = *Dalea leporina* (Aiton) Bullock
enneandra (Nuttall) Britton = *Dalea enneandra* Nuttall
filiformis (Gray) Heller = *Dalea filiformis* Gray
formosa (Torrey) Vail = *Dalea formosa* Torrey
frutescens (Gray) Vail = *Dalea frutescens* Gray
glaberrima (S. Watson) Rose = *Dalea lanata* Sprengel var. *terminalis* (M.E. Jones) Barneby
grayi Vail = *Dalea grayi* (Vail) L.O. Williams
greggii (Gray) Heller = *Dalea greggii* Gray
jamesii (Torrey) Vail = *Dalea jamesii* (Torrey) Torrey & Gray
lachnostachys (Gray) Heller = *Dalea lachnostachys* Gray
lanata (Sprengel) Britton = *Dalea lanata* Sprengel
lemmonii (Parry) Heller : Reported by Campbell & Little (1935), but the identification is correct to *Dalea brachystachys* Gray.
nana (Torrey) Heller = *Dalea nana* Torrey
ordiae (Gray) Heller = *Dalea albiflora* Gray
pogonathera (Gray) Vail = *Dalea pogonathera* Gray
polygonoides (Gray) Heller = *Dalea polygonoides* Gray
scoparia (Gray) Heller = *Psoralea scoparia* (Gray) Rydberg
terminalis (M.E. Jones) Heller = *Dalea lanata* Sprengel var. *terminalis* (M.E. Jones) Barneby
urceolata (Greene) Standley = *Dalea urceolata* Greene
wrightii (Gray) Vail = *Dalea wrightii* Gray

Parryella dune-broom
Rydberg, P.A. 1928. *Parryella*. Amer. J. Bot. 15:425-426.
filifolia Torrey & Gray ex Gray [M&H; W&S]
dune-broom

Pediomelum breadroot
Grimes, J.W. 1990. A revision of the New World species of *Psoraleae* (Leguminosae: Papilionoideae). Mem. N.Y. Bot. Gard. 61:1-113.

argophyllum (Pursh) Grimes [M&H; W&S]
silver-leaf breadroot
Psoralea argophylla Pursh
Psoralidium argophyllum (Pursh) Rydberg
digitatum (Nuttall ex Torrey & Gray) Grimes [M&H]
palm-leaf breadroot
Psoralea digitata Nuttall
Psoralidium digitatum (Nuttall) Rydberg
esculentum (Pursh) Rydberg [M&H]
Indian breadroot
Psoralea esculenta Pursh
hypogaeum (Nuttall ex Torrey & Gray) Rydberg [M&H; W&S]
subterranean breadroot
Psoralea hypogaea Nuttall
linearifolium (Torrey & Gray) Grimes [Isely 1998]
narrow-leaf breadroot
Psoralea linearifolia Torrey & Gray
Psoralidium linearifolium (Torrey & Gray) Rydberg
megalanthum (Wooton & Standley) Rydberg [M&H; W&S]
intermountain breadroot
Psoralea megalantha Wooton & Standley
pentaphyllum (Linnaeus) Grimes [M&H]

small breadroot

Psoralea trinervata (Rydberg) Standley

Pediomelum trinervatum Rydberg

trinervatum Rydberg = *Pediomelum pentaphyllum* (Linnaeus) Grimes

Petalostemon candidus (Willdenow) Michaux var. *candidus* = *Dalea candida* Willdenow var. *candida*

candidus (Willdenow) Michaux var. *oligophyllus* (Torrey) F.J. Hermann = *Dalea candida* Willdenow var. *oligophylla* (Torrey) Shinnery

compactus (Sprengel) Swezey = *Dalea compacta* Sprengel

exilis Gray = *Dalea exigua* Barneby

gracilis Nuttall var. *oligophyllus* Torrey = *Dalea candida* Muhlenberg ex Willdenow var. *candida*

macrostachyus Torrey = *Dalea cylindriceps* Barneby

molle Rydberg = *Dalea purpurea* Ventenat var. *purpurea*

occidentalis (Gray ex Heller) Fernald = *Dalea candida* Willdenow var. *oligophylla* (Torrey) Shinnery

oligophyllus (Torrey) Rydberg = *Dalea candida* Willdenow var. *oligophylla* (Torrey) Shinnery

prostratus Wooton & Standley = *Dalea scariosa* S. Watson

pulcherrimus (Heller) Heller = *Dalea compacta* Sprengel var. *pubescens* (Gray) Barneby

purpureum (Ventenat) Rydberg = *Dalea purpurea* Ventenat var. *purpurea*

purpureum (Ventenat) Rydberg var. *molle* (Rydberg) A. Nelson = *Dalea purpurea* Ventenat var. *purpurea*

scariosus (S. Watson) Wemple = *Dalea scariosa* S. Watson

tenuifolius Gray = *Dalea tenuifolia* (Gray) Shinnery

villosus Nuttall = *Dalea villosa* (Nuttall) Sprengel var. *villosa*

violaceum Michaux = *Dalea purpurea* Ventenat var. *purpurea*

Peteria peteria

Porter, C.L. 1956. The genus *Peteria* (Leguminosae). *Rhodora* 58:344-354.

scoparia Gray [M&H; W&S]

rush peteria

Phaca allochroa (Gray) Rydberg = *Astragalus allochrous* Gray var. *allochrous*

bisulcata Hooker = *Astragalus bisulcatus* (Hooker) Gray var. *bisulcatus*

glabriuscula Hooker = *Astragalus australis* (Linnaeus) Lamarck

lotiflora (Hooker) Torrey & Gray = *Astragalus lotiflorus* Hooker

macrocarpa Gray = *Astragalus lonchocarpus* Torrey

robbinsii Oakes = *Astragalus robbinsii* (Oakes) Gray var. *minor* (Hooker) Barneby

sabulonum (Gray) Rydberg = *Astragalus sabulonum* Gray

salsula Pallas = *Sphaerophysa salsula* (Pallas) A.P. de Candolle

thurberi (Gray) Kearney = *Astragalus thurberi* Gray

villosa James ex S. Watson = *Astragalus mollissimus* Torrey var. *mollissimus*

wootonii (Sheldon) Rydberg = *Astragalus allochrous* Gray var. *playanus* (M.E. Jones) Isely

Phacopsis pattersonii (Gray) Rydberg = *Astragalus pattersonii* Gray in Brandege

Phaseolus bean

Buhrow, R. 1983. The wild beans of southwestern North America. *Desert Plants* 5(2):67-88.

Lackey, J.A. 1983. A review of generic concepts in American Phaseolinae (Fabaceae), Faboideae). *Iselya* 2(2):21-64.

acutifolius Gray var. **acutifolius** [M&H; W&S]

teparty bean

acutifolius Gray var. **tenuifolius** Gray [M&H; W&S]

teparty bean

Phaseolus tenuifolius (Gray) Wooton & Standley

angustissimus Gray var. **angustissimus** [M&H; W&S]

narrow-leaf bean

angustissimus Gray var. **latus** M.E. Jones [M&H; W&S]

narrow-leaf bean

Phaseolus dilatatus Wooton & Standley

dilatatus Wooton & Standley = *Phaseolus angustissimus* Gray var. *latus* M.E. Jones

filiformis Benthall [M&H]

slimjim bean

Phaseolus wrightii Gray

grayanus Wooton & Standley = *Phaseolus pedicellatus* Benthall var. *grayanus* (Wooton & Standley) Delgado ex Isely

heterophyllus Willdenow var. *heterophyllus* = *Macroptilium gibbosifolium* (Ortega) A. Delgado

heterophyllus Willdenow var. *rotundifolius* (Gray) Piper = *Macroptilium gibbosifolium* (Ortega) A. Delgado

leiospermus Torrey & Gray = *Strophostyles leiosperma* (Torrey & Gray) Piper

macropoides Gray = *Macroptilium gibbosifolium* (Ortega) A. Delgado

maculatus Scheele [M&H; W&S]

spotted bean

Phaseolus metcalfei Wooton & Standley

Phaseolus retusus Benthall, non Moench

metcalfei Wooton & Standley = *Phaseolus maculatus* Scheele

parvulus Greene [M&H; W&S]

Pinos Altos bean

Alepidocalyx parvulus (Greene) Piper

Phaseolus grayanus Wooton & Standley

pedicellatus Bentham var. ***grayanus*** (Wooton & Standley) Delgado ex Isely [M&H; W&S]

Sonoran bean

Phaseolus wrightii Gray var. *grayanus* (Wooton & Standley) Kearney & Peebles

pauciflora = *Phaseolus leiospermus* Torrey & Gray

retusus Bentham, non Moench = *Phaseolus maculatus* Scheele

rotundifolius Gray = *Macroptilium gibbosifolium* (Ortega) A. Delgado

tenuifolius (Gray) Wooton & Standley = *Phaseolus acutifolius* Gray var. *tenuifolius* Gray

wrightii Gray = *Phaseolus filiformis* Bentham

wrightii Gray var. *grayanus* (Wooton & Standley) Kearney & Peebles = *Phaseolus pedicellatus* Bentham var. *grayanus* (Wooton & Standley) Delgado ex Isely

Pisophaca datilensis Rydberg = *Astragalus humistratus* Gray var. *humistratus*

famelica (Sheldon) Rydberg = *Astragalus hallii* Gray var. *fallax* Barneby

flexuosa (Douglas) Rydberg = *Astragalus flexuosus* (Hooker) Douglas ex G. Don var. *flexuosus*

gertrudis (Greene) Rydberg = *Astragalus puniceus* Osterhout var. *gertrudis* (Greene) Barneby

hallii (Gray) Rydberg = *Astragalus hallii* Gray var. *hallii*

neomexicana (Wooton & Standley) Rydberg = *Astragalus neomexicana* Wooton & Standley

proxima Rydberg = *Astragalus proximus* (Rydberg) Wooton & Standley

punica (Osterhout) Rydberg = *Astragalus puniceus* Osterhout var. *puniceus*

ratonensis Rydberg = *Astragalus flexuosus* (Hooker) Douglas ex G. Don var. *flexuosus*

sierra-blanca Rydberg = *Astragalus flexuosus* (Hooker) Douglas ex G. Don var. *flexuosus*

Poinciana gilliesii Hooker = *Caesalpinia gilliesii* Wall.

Pomaria pomaria

Simpson, B.B. 1998. A revision of *Pomaria* (Fabaceae) in North America. *Lundellia* 1:46-71.

jamesii (Torrey & Gray) Walpers [M&H; W&S]

James's hog-potato

Caesalpinia jamesii (Torrey & Gray) Fisher

Hoffmannseggia jamesii Torrey & Gray

Prosopis mesquite

Benson, L. 1941. The mesquites and screw-beans of the United States. *Amer. J. Bot.* 28:748-754.

Burkart, A. 1976. A monograph of the genus *Prosopis* (Leguminosae subfamily Mimosoideae). *J. Arnold Arb.* 57:219-249, 450-525.

Johnston, M.C. 1962. The North American mesquites, *Prosopis* sect. *Algarobia* (Leguminosae). *Brittonia* 14:72-90.

glandulosa Torrey var. ***glandulosa*** [M&H; W&S]

honey mesquite

glandulosa Torrey var. ***torreyana*** (L. Benson) M.C. Johnston [M&H]

Torrey's honey mesquite

Prosopis juliflora (Swartz) A.P. de Candolle var. *torreyana* L. Benson

juliflora (Swartz) A.P. de Candolle var. *torreyana* L. Benson = *Prosopis glandulosa* Torrey var. *torreyana* (L. Benson) M.C. Johnston

juliflora (Swartz) A.P. de Candolle var. *velutina* (Wooton) Sargent = *Prosopis velutina* Wooton

odorata (Torrey & Fremont) Torrey & Fremont emend. Welsh = *Prosopis pubescens* Bentham

pubescens Bentham [M&H; W&S]

screwbean mesquite, tornillo

Prosopis odorata (Torrey & Fremont) Torrey & Fremont emend. Welsh

Strombocarpa pubescens (Bentham) Gray

velutina Wooton [M&H; W&S]

velvet mesquite

Prosopis juliflora (Swartz) A.P. de Candolle var. *velutina* (Wooton) Sargent

Psoralea argophylla Pursh = *Pediomelum argophyllum* (Pursh) Grimes

digitata Nuttall = *Pediomelum digitatum* (Nuttall ex Torrey & Gray) Grimes

esculenta Pursh = *Pediomelum esculentum* (Pursh) Rydberg

hypogaea Nuttall = *Pediomelum hypogaeum* (Nuttall ex Torrey & Gray) Rydberg

lanceolata Pursh = *Psoralidium lanceolatum* (Pursh) Rydberg

linearifolia Torrey & Gray = *Pediomelum linearifolium* (Torrey & Gray) Grimes

megalantha Wooton & Standley = *Pediomelum megalanthum* (Wooton & Standley) Rydberg

micrantha Torrey = *Psoralidium lanceolatum* (Pursh) Rydberg

tenuiflora Pursh var. *bigelovii* (Rydberg) Macbride = *Psoralidium tenuiflorum* (Pursh) Rydberg

tenuiflora Pursh var. *tenuiflora* = *Psoralidium tenuiflorum* (Pursh) Rydberg

trinervata (Rydberg) Standley = *Pediomelum pentaphyllum* (Linnaeus) Grimes

Psoralidium scurf-pea

Grimes, J.W. 1990. A revision of the New World species of *Psoraleae* (Leguminosae: Papilionoideae). *Mem. N.Y. Bot. Gard.* 61:1-113.

argophyllum (Pursh) Rydberg = *Pediomelum argophyllum* (Pursh) Grimes

bigelovii Rydberg = *Psoralidium tenuiflorum* (Pursh) Rydberg

digitatum (Nuttall) Rydberg = *Pediomelum digitatum* (Nuttall ex Torrey & Gray) Grimes

lanceolatum (Pursh) Rydberg [M&H; W&S]

wild scurf-pea

Psoralea lanceolata Pursh

Psoralea micrantha Torrey

Psoralidium micranthum (Gray) Rydberg

linearifolium (Torrey & Gray) Rydberg = *Pediomelum linearifolium* (Torrey & Gray) Grimes

micranthum (Gray) Rydberg = *Psoralidium lanceolatum* (Pursh) Rydberg
tenuiflorum (Pursh) Rydberg [M&H; W&S]
 slender scurf-pea
Psoralidium bigelovii Rydberg
Psoralea tenuiflora Pursh var. *bigelovii* (Rydberg) Macbride
Psoralea tenuiflora Pursh var. *tenuiflora*

Psorothamnus dalea
 Barneby, R.C. 1977. Daleae Imagines. Mem. New York Bot. Gard. 27:1-892.
scoparius (Gray) Rydberg [M&H; W&S]
 broom dalea, broom smokebush
Dalea scoparia Gray
Dalea scoparia Gray var. *subrosea* Cockerell
Parosela scoparia (Gray) Heller

Rhynchosia snout-bean
 Grear, J.W. 1978. A revision of the New World species of *Rhynchosia* (Leguminosae- Faboideae). Mem. N.Y. Bot. Gard. 31(1):1-168.
 Johnston, M.C. 1984. *Rhynchosia senna* var. *texana*, new combination made necessary by the Demoulin Rule. Phytologia 54:474.
senna Gillies ex Hooker var. *angustifolia* (Gray) Grear = *Rhynchosia senna* Gillies ex Hooker var. *texana* (Torrey & Gray) M.C. Johnston
senna Gillies ex Hooker var. *texana* (Torrey & Gray) M.C. Johnston [M&H; W&S]
 Texas snout-bean
Dolicholus texanus (Torrey & Gray) Vail
Rhynchosia senna Gillies ex Hooker var. *angustifolia* (Gray) Grear
Rhynchosia texana Torrey & Gray
texana Torrey & Gray = *Rhynchosia senna* Gillies ex Hooker var. *texana* (Torrey & Gray) M.C. Johnston

Robinia locust
 Isely, D. & F.J. Peabody. 1984. *Robinia* (Leguminosae: Papilionoideae). Castanea 49:187-202.
 Great Plains Flora Association. 1977. Atlas of the Flora of the Great Plains. Iowa State Univ. Press. 600 pp. [*Robinia hispida*]
 **hispida* Linnaeus [Great Plains Flora Association 1977]
 bristly locust
luxurians (Dieck) Rydberg = *Robinia neomexicana* Gray var. *neomexicana*
neomexicana Gray var. *neomexicana* [M&H; W&S]
 New Mexico locust
Robinia luxurians (Dieck) Rydberg
Robinia subvelutina Rydberg
neomexicana Gray var. *rusbyi* (Wootton & Standley) Martin & Hutchins ex Peabody [M&H; W&S]
 Rusby's locust
Robinia rusbyi Wootton & Standley

pseudo-acacia Linnaeus [M&H]
 black locust
rusbyi Wootton & Standley = *Robinia neomexicana* Gray var. *rusbyi* (Wootton & Standley) Martin & Hutchins ex Peabody
subvelutina Rydberg = *Robinia neomexicana* Gray var. *neomexicana*

Rydbergiella pattersonii (Gray) Fedde & Sydow = *Astragalus pattersonii* Gray in Brandege
Schrankia caudata (A. Gray) Britton & Rose = *Hoffmannseggia caudata* A. Gray
Schrankia occidentalis (Wootton & Standley) Standley = *Mimosa quadrivalvis* Linnaeus var. *occidentalis* (Wootton & Standley) Barneby
uncinata Willdenow = *Mimosa quadrivalvis* Linnaeus var. *angustata* (Torrey & Gray) Barneby

Securigera varia (Linnaeus) Lassen = *Coronilla varia* Linnaeus

Senna senna
 Irwin, H.S. & R.C. Barneby. 1982. The American Cassinae, a synoptical revision of Leguminosae tribe Cassieae subtribe Cassinae in the New World. Mem. New York Bot. Gard. 35:1-918.
 Simpson, B.B. & B. Miao. 1997. The circumscription of *Hoffmannseggia* (Fabaceae, Caesalpinioideae, Caesalpinieae) and it allies using morphological and cpDNA restriction site data. Pl. Syst. Evol. 205:157-178.

bauhinioides (Gray) Irwin & Barneby [M&H; W&S]
 two-leaf senna
Cassia bauhinioides Gray
Cassia bauhinioides Gray var. *arizonica* Robinson
Earleocassia bauhinioides (Gray) Britton & Rose

covesii (Gray) Irwin & Barneby [M&H; W&S]
 hairy senna
Cassia covesii Gray
Earleocassia covesii (Gray) Britton & Rose

hirsuta (Linnaeus) Irwin & Barneby var. **glaberrima** (M.E. Jones) Irwin & Barneby [M&H; W&S]
 wooly senna
Cassia leptocarpa Benthham var. *glaberrima* M. E. Jones

lindheimeriana (Scheele) Irwin & Barneby [M&H; W&S]
 Lindheimer senna
Cassia lindheimeriana Scheele
Earleocassia lindheimeriana (Scheele) Britton

orcuttii (Britton & Rose) Irwin & Barneby
 Orcutt's senna

- Cassia orcuttii* (Britton & Rose) B.L. Turner
roemeriana (Scheele) Irwin & Barneby [M&H; W&S]
 Roemer senna
Cassia roemeriana Scheele
Earleocassia roemeriana (Scheele) Britton
wislizeni (Gray) Irwin & Barneby [M&H; W&S]
 Wislizenus's senna
Cassia wislizeni Gray
- Sophora** sophora
 Northington, D.K. 1976. Evidence bearing on the origin of infraspecific disjunction in *Sophora gypsophila*. Plant Syst. Evol. 125:233-44.
 Sivinski, R.C. 1991. Status report on *Sophora gypsophila* var. *guadalupensis*. For U.S. Fish and Wildlife Service, New Mexico Ecological Services Field Office, Albuquerque.
 Turner, B.L. & A.M. Powell. 1972. A new gypsophilic *Sophora* from north-central Mexico and adjacent Texas. Phytologia 22:419-23.
gypsophila Turner & Powell var. **guadalupensis** Turner & Powell [Sivinski 1991]
 Guadalupe Mountain sophora
nuttalliana B.L. Turner [M&H; W&S]
 silky sophora
Sophora sericea Nuttall
secundiflora (Ortega) Lagasca ex A.P. de Candolle [M&H; W&S]
 mescal bean
Broussonetia secundiflora Ortega
sericea Nuttall = *Sophora nuttalliana* B.L. Turner
stenophylla Gray [M&H; W&S]
 silvery sophora
- Sphaerophysa** bladder-vetch
 Barneby, R.C. 1964. *Sphaerophysa*. Mem. New York Bot. Gard. 13:1162-1164.
 Hershey, A.L. & P.J. Leyendecker, Jr. 1944. Notes on plants of New Mexico—III. Leaflets of Western Botany 4(2):21-25. [*Sphaerophysa salsula*]
 ***salsula** (Pallas) A.P. de Candolle [Hershey & Leyendecker 1944; M&H]
 red bladder-vetch
Phaca salsula Pallas
Swainsona salsula (Pallas) Taubert
- Spiesia nothoxys* (Gray) M.E. Jones = *Astragalus nothoxys* Gray
Strombocarpa pubescens (Benth) Gray = *Prosopis pubescens* Benth
- Strophostyles** fuzzy-bean
 Riley-Hulting, E.T., A. Delgado-Salinas, & M. Lavin. 2004. Phylogenetic systematics of *Strophostyles* (Fabaceae): A North American temperate genus within a neotropical diversification. Syst. Bot. 29(3):627-653.
 ***helvola** (Linnaeus) Elliott [Riley-Hulting et al. 2004]
 trailing fuzzy-bean
leiosperma (Torrey & Gray) Piper [M&H; Riley-Hulting et al. 2004; W&S]
 slick fuzzy-bean
Phaseolus leiospermus Torrey & Gray
Phaseolus pauciflora Benth
Strophostyles pauciflora (Benth) S. Watson
pauciflora (Benth) S. Watson = *Strophostyles leiosperma* (Torrey & Gray) Piper
Swainsona salsula (Pallas) Taubert = *Sphaerophysa salsula* (Pallas) A.P. de Candolle
- Tephrosia** hoary-pea
 Todsen, T.K. 1984. Noteworthy collections (New Mexico). Madroño 31:125. [*Tephrosia tenella*]
tenella Gray [Todsens 1984]
 red hoary-pea
- Thermopsis** golden-pea
 Chen, C.J., M.G. Mendenhall, & B.L. Turner. 1994. Taxonomy of *Thermopsis* (Fabaceae) in North America. Ann. Missouri Bot. Gard. 81:714-742.
arenosa A. Nelson = *Thermopsis rhombifolia* (Nuttall ex Pursh) Nuttall ex Richardson
divaricarpa A. Nelson = *Thermopsis rhombifolia* (Nuttall ex Pursh) Richardson var. *divaricarpa* (A. Nelson) Isely
montana Nuttall = *Thermopsis rhombifolia* (Nuttall ex Pursh) Richardson var. *montana* (Nuttall) Isely
pinetorum Greene = *Thermopsis divaricarpa* A. Nelson
rhombifolia (Nuttall ex Pursh) Nuttall ex Richardson [Chen et al. 1994; M&H]
 golden-pea
Thermopsis arenosa A. Nelson
rhombifolia (Nuttall ex Pursh) Nuttall ex Richardson var. **divaricarpa** (A. Nelson) Isely [Chen et al. 1994; M&H; W&S]
 golden-pea
Thermopsis divaricarpa A. Nelson
Thermopsis pinetorum Greene
rhombifolia (Nuttall ex Pursh) Nuttall ex Richardson var. **montana** (Nuttall) Isely [Chen et al. 1994; M&H; W&S]
 golden-pea
Thermopsis montana Nuttall
- Tium drummondii* (Douglas ex Hooker) Rydberg = *Astragalus drummondii* Douglas ex Hooker
egglestonii Rydberg = *Astragalus egglestonii* (Rydberg) Kearney & Peebles

humistratum (Gray) Rydberg = *Astragalus humistratus* Gray var. *humistratus*
racemosus (Pursh) Rydberg = *Astragalus racemosus* Pursh var. *racemosus*
scopulorum (Porter) Rydberg = *Astragalus scopulorum* T.C. Porter
stenolobum Rydberg = *Astragalus scopulorum* T.C. Porter
Tragacantha bisulcata (Hooker) Kuntze = *Astragalus bisulcatus* (Hooker) Gray var. *bisulcatus*
brandegeei (Porter) Kuntze = *Astragalus brandegeei* Porter
cobrensis (Gray) Kuntze = *Astragalus cobrensis* Gray var. *cobrensis*
cyanea (Gray) Kuntze = *Astragalus cyaneus* Gray
diphysa (Gray) Kuntze = *Astragalus lentiginosus* Douglas ex Hooker var. *albiflorus*
flaviflora Kuntze = *Astragalus flavus* Nuttall
hallii (Gray) Kuntze = *Astragalus hallii* Gray var. *hallii*
heydeniana (Gray) Kuntze = *Astragalus bisulcatus* (Hooker) Gray var. *bisulcatus*
humistrata (Gray) Kuntze = *Astragalus humistratus* Gray var. *humistratus*
lotiflora (Hooker) Kuntze = *Astragalus lotiflorus* Hooker
missouriensis (Nuttall) Kuntze = *Astragalus missouriensis* Nuttall var. *missouriensis*
nothoxys (Gray) Kuntze = *Astragalus nothoxys* Gray
shortiana (Nuttall) Kuntze = *Astragalus shortianus* Nuttall
sonorae (Gray) Kuntze = *Astragalus humistratus* Gray var. *sonorae* (Gray) M.E. Jones
tephrodes (Gray) Kuntze = *Astragalus tephrodes* Gray var. *tephrodes*
thurberi (Gray) Kuntze = *Astragalus thurberi* Gray
vaccarum (Gray) Kuntze = *Astragalus vaccarum* Gray

Trifolium clover

Allred, K.W. 1999. New plant distribution records. *The New Mexico Botanist* 13:7. [*Trifolium campestre*]
 Hall, H.H. & S. Flowers. 1961. Vascular plants found in the Navajo Reservoir Basin, pp. 47-87. IN: D.M. Pendergast (ed.). *Ecological studies of the flora and fauna of Navajo Reservoir Basin, Colorado and New Mexico*. Univ. Utah Anthropological Papers, number 55.
 Isely, D. 1980. New combinations and one new variety in *Trifolium* (Leguminosae). *Brittonia* 32:55-57.
 Zohary, M. & D. Heller. 1984. *The Genus Trifolium*. The Israel Academy of Sciences and Humanities, Jerusalem. 606 pp.
albopurpureum Torrey & A. Gray : Reported by Hall & Flowers (1961), but known only from the Pacific Coast region; awaits verification.
andinum Nuttall : Reported by Isely's map (1998) but not his text; upon comparison to other references, the map seems to be in error.
arizonicum Greene = *Trifolium wormskjoldii* Lehmann
attenuatum Greene [W&S; Zohary & Heller 1984]
 Rocky Mountain clover
 Trifolium stenolobum Rydberg
brandegeei S. Watson [M&H]
 Brandegee's clover
 **campestre* Schreber [Allred 1999]
 lesser hop clover
 Trifolium procumbens Linnaeus
dasyphyllum Torrey & Gray var. *uintense* (Rydberg) Welsh [Isely 1998; M&H].
 Uinta clover
fendleri Greene = *Trifolium wormskjoldii* Lehmann
 **fragiferum* Linnaeus [M&H]
 strawberry clover
gracilentum Torrey & Gray [Isely 1998] Note: Isely's map does not show NM, but he reports a specimen from Lincoln Co.
 pin-point clover
gymnocarpon Nuttall [Isely 1998; M&H; W&S]
 holly-leaf clover
 Trifolium gymnocarpon Nuttall var. *subcaulescens* (Gray) A. Nelson
 Trifolium subcaulescens Gray
gymnocarpon Nuttall var. *subcaulescens* (Gray) A. Nelson = *Trifolium gymnocarpon* Nuttall
 **hybridum* Linnaeus [M&H; W&S]
 alsike clover
lacerum Greene = *Trifolium wormskjoldii* Lehmann
longicaule Wooton & Standley = *Trifolium wormskjoldii* Lehmann
longipes Nuttall var. *longipes* : Not known from NM (Isely 1998; Zohary & Heller 1984).
longipes Nuttall var. *neurophyllum* (Greene) Martin ex Isely [M&H; W&S]
 long-stalk clover
 Trifolium neurophyllum Greene
 Trifolium rusbyi Greene subsp. *neurophyllum* (Greene) Heller & Zohary
longipes Nuttall var. *reflexum* A. Nelson [W&S]
 long-stalk clover
 Trifolium rusbyi Greene subsp. *reflexum* (A. Nelson) Heller & Zohary
 Trifolium rydbergii Greene
longipes Nuttall var. *rusbyi* (Greene) Harrington [Isely 1998]
 long-stalk clover
melilotus-indica Linnaeus = *Melilotus indicus* (Linnaeus) Allioni
melilotus-officinalis Linnaeus = *Melilotus officinalis* (Linnaeus) Pallas
mucronatum Willdenow ex Sprengel subsp. *lacerum* (Greene) J.M. Gillett = *Trifolium wormskjoldii* Lehmann

nanum Torrey [M&H; W&S]

tundra clover

neurophyllum Greene = *Trifolium rusbyi* Greene subsp. *neurophyllum* (Greene) Heller & Zohary

parryi Gray [M&H; W&S]

Parry's clover

pinetorum Greene = *Trifolium wormskjoldii* Lehmann

***pratense** Linnaeus [M&H; W&S]

red clover

procumbens Linnaeus = *Trifolium campestre* Schreber

***repens** Linnaeus [M&H; W&S]

white clover

rusbyi Greene subsp. *neurophyllum* (Greene) Heller & Zohary = *Trifolium longipes* Nuttall var. *neurophyllum* (Greene) Martin ex. Isely

rusbyi Greene subsp. *reflexum* (A. Nelson) Heller & Zohary = *Trifolium longipes* Nuttall var. *reflexum* A. Nelson

rydbergii Greene = *Trifolium longipes* Nuttall var. *reflexum* A. Nelson

stenolobum Rydberg = *Trifolium attenuatum* Greene

subcaulescens Gray = *Trifolium gymnocarpon* Nuttall

willdenovii Sprengel = *Trifolium wormskjoldii* Lehmann

wormskjoldii Lehmann [M&H; W&S]

cuspid clover

Trifolium arizonicum Greene

Trifolium fendleri Greene

Trifolium lacerum Greene

Trifolium longicaule Wootton & Standley

Trifolium mucronatum Willdenow ex Sprengel subsp. *lacerum* (Greene) J.M. Gillett

Trifolium willdenovii Sprengel

Trifolium wormskjoldii Lehmann var. *longicaule* (Wootton & Standley) L. Benson

wormskjoldii Lehmann var. *longicaule* (Wootton & Standley) L. Benson = *Trifolium wormskjoldii* Lehmann

Viborquia orthocarpa (Gray) Cockerell = *Eysenhardtia polystachya* (Ortega) Sargent

Vicia vetch

Allred, K.W. & S. Johnson. 2003. A taxonomic review of the tendril-bearing legumes (Leguminosae) in New Mexico: II. *Vicia*. The New Mexico Botanist 26:1-5.

Great Plains Flora Association. 1977. Atlas of the Flora of the Great Plains. Iowa State Univ. Press. 600 pp. [*Vicia dasycarpa*]

Gunn, C.R. 1968. The *Vicia americana* complex (Leguminosae). Iowa State J. Sci. 42:171-214.

Lassetter, J.S. 1984. Taxonomy of the *Vicia ludoviciana* complex (Leguminosae). Rhodora 86:475-505.

Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. Sida 11(4):455-470. [*Vicia villosa*]

americana Muhlenberg ex Willdenow [Allred & Johnson 2003; M&H; W&S]

American vetch

Vicia americana Muhlenberg ex Willdenow var. *linearis* (Nuttall) S. Watson

Vicia americana Muhlenberg ex Willdenow var. *minor* Hooker

Vicia americana Muhlenberg ex Willdenow subsp. *oregana* (Nuttall) Abrams

Vicia americana Muhlenberg ex Willdenow var. *truncata* (Nuttall) Brewer

Vicia caespitosa A. Nelson

Vicia dissitifolia (Nuttall) Rydberg

Vicia linearis Nuttall

Vicia linearis Nuttall var. *caespitosa* (A. Nelson) A. Nelson

Vicia oregana Nuttall

Vicia sparsifolia Nuttall

americana Muhlenberg ex Willdenow var. *linearis* (Nuttall) S. Watson = *Vicia americana* Muhlenberg ex Willdenow

americana Muhlenberg ex Willdenow var. *minor* Hooker = *Vicia americana* Muhlenberg ex Willdenow

americana Muhlenberg ex Willdenow subsp. *oregana* (Nuttall) Abrams = *Vicia americana* Muhlenberg ex Willdenow

americana Muhlenberg ex Willdenow var. *truncata* (Nuttall) Brewer = *Vicia americana* Muhlenberg ex Willdenow

angustifolia Linnaeus = *Vicia sativa* Linnaeus subsp. *nigra* (Linnaeus) Ehrhart

caespitosa A. Nelson = *Vicia americana* Muhlenberg ex Willdenow

dasycarpa Tenore = *Vicia villosa* Roth subsp. *varia* (Host) F.M.L. Corbière

dissitifolia (Nuttall) Rydberg = *Vicia americana* Muhlenberg ex Willdenow

exigua Nuttall = *Vicia ludoviciana* Nuttall

leavenworthii Torrey & Gray [= *Vicia ludoviciana* Nuttall ex Torrey & Gray subsp. *leavenworthii* (Torrey & Gray) Lassetter & Gunn] :

Reported by M&H and W&S, but Lassetter (1984) reports this taxon far to the east; awaits further verification.

leucophaea Greene [Allred & Johnson 2003; M&H; W&S]

Mogollon vetch

linearis Nuttall = *Vicia americana* Muhlenberg ex Willdenow

linearis Nuttall var. *caespitosa* (A. Nelson) A. Nelson = *Vicia americana* Muhlenberg ex Willdenow

ludoviciana Nuttall ex Torrey & Gray subsp. *leavenworthii* (Torrey & Gray) Lassetter & Gunn : Reported by M&H and W&S, but

Lassetter (1984) reports this taxon far to the east; needs verification.

ludoviciana Nuttall ex Torrey & Gray subsp. **ludoviciana** [Allred & Johnson 2003; Lassetter 1984; M&H; W&S]

slim vetch

Vicia exigua Nuttall

melilotoides Wootton & Standley = *Vicia pulchella* Humboldt, Bonpland, & Kunth

oregana Nuttall = *Vicia americana* Muhlenberg ex Willdenow

pulchella Humboldt, Bonpland, & Kunth [Allred & Johnson 2003; M&H; W&S]

sweet vetch

Vicia melilotoides Wooton & Standley

***sativa** Linnaeus var. **angustifolia** Linnaeus [M&H; W&S]

garden vetch

Vicia angustifolia Linnaeus

Vicia sativa Linnaeus subsp. *nigra* (Linnaeus) Ehrhart

sativa Linnaeus subsp. *nigra* (Linnaeus) Ehrhart = *Vicia sativa* Linnaeus var. *angustifolia* Linnaeus

sparsifolia Nuttall = *Vicia americana* Muhlenberg ex Willdenow

villosa Roth var. *glabrescens* W.D.J. Koch = *Vicia villosa* Roth subsp. *varia* (Host) F.M.L. Corbière

***villosa** Roth subsp. **varia** (Host) F.M.L. Corbière [Great Plains Flora Association 1977]

winter vetch

Vicia dasycarpa Tenore

Vicia villosa Roth var. *glabrescens* W.D.J. Koch

***villosa** Roth subsp. **villosa** [Allred & Johnson 2003; Spellenberg et al. 1986]

wooly vetch

Xylophacos amphioxys (Gray) Rydberg = *Astragalus amphioxys* Gray var. *amphioxys*

brachylobus (Gray) Rydberg = *Astragalus tephrodes* Gray var. *brachylobus* (Gray) Barneby

cyaneus (Gray) Rydberg = *Astragalus cyaneus* Gray

iodopetalus Rydberg = *Astragalus iodopetalus* (Rydberg) Barneby

missouriensis (Nuttall) Rydberg = *Astragalus missouriensis* Nuttall var. *missouriensis*

newberryi (Gray) Rydberg = *Astragalus newberryi* Gray

puniceus (Osterhout) Rydberg = *Astragalus puniceus* Osterhout var. *puniceus*

shortianus (Nuttall) Rydberg = *Astragalus shortianus* Nuttall

tephrodes (Gray) Rydberg = *Astragalus tephrodes* Gray var. *tephrodes*

vespertinus (Sheldon) Rydberg = *Astragalus amphioxys* Gray var. *vespertinus* (Sheldon) M.E. Jones

Family FAGACEAE

Quercus oak

Hershey, A.L. & P.J. Leyendecker, Jr. 1944. Notes on plants of New Mexico -- III. Leaf. West. Bot. 4(2):21-25. [*Quercus toumeyii*]

Nixon, K.C. 1997. *Quercus*, pp. 445-506. IN: Flora of North America, vol. 3. Oxford University Press.

Spellenberg, R., M. Mahrt & R. Brozka. 1991. Noteworthy collections, New Mexico. Madroño 38:298-301. [*Quercus chrysolepis*, *Q. palmeri*]

Tucker, J.M. 1961. Studies in the *Quercus undulata* complex. I. A preliminary statement. Amer. J. Bot. 48:202-208.

Tucker, J.M. 1961. Studies in the *Quercus undulata* complex. II. The contribution of *Quercus turbinella*. Amer. J. Bot. 48:329-339.

Tucker, J.M. & J. Maze. 1966. Bur oak (*Quercus macrocarpa*) in New Mexico. Southwestern Naturalist 11:402-405. [*Quercus macrocarpa*]

Tucker, J.M. 1970. Studies in the *Quercus undulata* complex. IV. The contribution of *Quercus havardii*. Amer. J. Bot. 57:71-84.

arizonica Sargent [Nixon 1997; M&H; W&S]

Arizona oak

chrysolepis Leibman [Nixon 1997; Spellenberg et al. 1991; W&S]

canyon live oak

Quercus wilcoxii Rydberg

confusa Wooton & Standley = *Quercus undulata* Torrey pro sp.

diversicolor Trelease = *Quercus rugosa* Née

emoryi Torrey [Nixon 1997; M&H; W&S]

Emory's oak

fendleri Leibman = *Quercus undulata* Torrey pro sp.

gambelii Nuttall [Nixon 1997; M&H; W&S]

Gambel's oak

Quercus gunnisonii (Torrey & Gray) Rydberg

Quercus leptophylla Rydberg

Quercus novomexicana (A. A.P. de Candolle) Rydberg

Quercus submollis Rydberg

Quercus utahensis (A. A.P. de Candolle) Rydberg

Quercus vreelandii Rydberg

grisea Leibman [Nixon 1997; M&H; W&S]

gray oak

gunnisonii (Torrey & Gray) Rydberg = *Quercus gambelii* Nuttall

havardii Rydberg [Nixon 1997; M&H; W&S]

Havard's oak

hypoleuca Engelmann = *Quercus hypoleucoides* A. Camus

hypoleucoides A. Camus [Nixon 1997; M&H; W&S]

silver-leaf oak

Quercus hypoleuca Engelmann

leptophylla Rydberg = *Quercus gambelii* Nuttall

×*macrocarpa* Michaux : Plants of presumably hybrid origin between *Q. gambelii* × *Q. macrocarpa* were reported from Union Co. by Tucker & Maze (1966); some of these plants (though not populations) may be referred to *Q. macrocarpa*.

media Wooton & Standley = *Quercus undulata* Torrey pro sp.

- mohriana** Buckley ex Rydberg [Nixon 1997; M&H]
Mohr oak
- muhlenbergii** Engelm [Nixon 1997; M&H; W&S]
chinkapin oak
- novomexicana* (A. A.P. de Candolle) Rydberg = *Quercus gambelii* Nuttall
- oblongifolia** Torrey [Nixon 1997; M&H; W&S]
Mexican blue oak
- palmeri** Engelm [Spellenberg et al. 1991] Note: NM plants identified as *Quercus palmeri* are intermediate between this and *Quercus chrysolepis*, likely the result of introgression (Nixon 1997); the correct classification is problematic.
Palmer's oak
- pungens** Leibman [Nixon 1997; M&H; W&S]
sandpaper oak
- reticulata* Humboldt & Bonpland = *Quercus rugosa* Née
- rugosa** Née [Nixon 1997; M&H; W&S]
net-leaf oak
Quercus diversicolor Trelease
Quercus reticulata Humboldt & Bonpland
- rydbergiana* Cockerell = *Quercus undulata* Torrey pro sp.
- submollis* Rydberg = *Quercus gambelii* Nuttall
- toumeyi** Sargent [Nixon 1997; Hershey & Leyendecker 1944; M&H]
Toumey's oak
- turbinella** Greene [Nixon 1997; M&H; W&S]
desert scrub oak
- ×**undulata** Torrey, pro. sp. [M&H; W&S] Note: This is a catch-all name for hybrids involving *Quercus gambelii* Nuttall
wavy-leaf oak
Quercus confusa Wooton & Standley
Quercus fendleri Leibman
Quercus media Wooton & Standley
Quercus rydbergiana Cockerell
Quercus venustula Greene
- utahensis* (A. A.P. de Candolle) Rydberg = *Quercus gambelii* Nuttall
- venustula* Greene = *Quercus undulata* Torrey pro sp.
- vreelandii* Rydberg = *Quercus gambelii* Nuttall
- wilcoxii* Rydberg = *Quercus chrysolepis* Leibman

Family FOUQUIERIACEAE

Henrickson, J. 1972. A taxonomic revision of Fouquieriaceae. *Aliso* 7:439-537.

- Fouquieria** coach-whip
splendens Engelm [M&H; W&S]
ocotillo

Family FRANKENIACEAE

- Frankenia** frankenia
jamesii Torrey ex Gray [M&H; W&S]
James's frankenia

Family FUMARIACEAE

- Capnoides aureum* (Willdenow) Kuntze = *Corydalis aurea* Willdenow subsp. aurea
brandegeei (S. Watson) Heller = *Corydalis caseana* Gray subsp. brandegeei (S. Watson) G. Ownbey
euchlamydeum Wooton & Standley = *Corydalis aurea* Willdenow subsp. aurea
montanum (Engelmann) Britton = *Corydalis aurea* Willdenow subsp. occidentalis (Engelmann) G. Ownbey
- Corydalis** golden-smoke
Stern, K.R. 1997. *Corydalis*, pp. 348-355. IN: *Flora of North America*, vol. 3. Oxford University Press.
Ownbey, G.B. 1947. Monograph of the North American species of *Corydalis*. *Ann. Miss. Bot. Gard.* 34:187-260.
- aurea** Willdenow subsp. **aurea** [Stern 1997; M&H; W&S]
golden-smoke, scrambled-eggs
Capnoides aureum (Willdenow) Kuntze
Capnoides euchlamydeum Wooton & Standley
- aurea** Willdenow subsp. **occidentalis** (Engelmann ex Gray) G. Ownbey [Stern 1997; M&H; W&S]
golden-smoke, scrambled-eggs
Capnoides montanum (Engelmann) Britton
Corydalis aurea Willdenow var. *occidentalis* Engelmann
Corydalis curvisiliqua Engelmann subsp. *occidentalis* (Engelmann ex Gray) W.A. Weber
Corydalis montana Engelmann
- brandegeei* S. Watson = *Corydalis caseana* Gray subsp. brandegeei (S. Watson) G. Ownbey
caseana Gray subsp. **brandegeei** (S. Watson) G. Ownbey [Stern 1997; M&H; W&S]

Sierra golden-smoke
Capnoides brandegeei (S. Watson) Heller
Corydalis brandegeei S. Watson
curvisiliqua Engelm subsp. *occidentalis* (Engelm ex Gray) W.A. Weber = *Corydalis aurea* Willdenow subsp. *occidentalis*
 (Engelm ex Gray) G. Ownbey
montana Engelm = *Corydalis aurea* Willdenow subsp. *occidentalis* (Engelm ex Gray) G. Ownbey

Family GARRYACEAE

Garrya silktassel
 Dahling, G.V. 1978. Systematics and evolution of *Garrya*. Contr. Gray Herb. No. 209.
flavescens sensu NM authors = *Garrya ovata* Benth subsp. *goldmanii* (Wooton & Standley) Dahling
goldmanii Wooton & Standley = *Garrya ovata* Benth ssp. *goldmanii* (Wooton & Standley) Dahling
ovata Benth subsp. ***goldmanii*** (Wooton & Standley) Dahling [M&H; W&S]
 Goldman's silktassel
Garrya goldmanii Wooton & Standley
wrightii Torrey [M&H; W&S]
 Wright's silktassel

Family GENTIANACEAE

Amarella heterosepala (Engelm) Greene = *Gentianella amarella* (Linnaeus) Boerner subsp. *heterosepala* (Engelm) Gillett
plebeia (Chamisso) Greene = *Gentianella amarella* (Linnaeus) Boerner subsp. *acuta* (Michaux) Gillett
scopolorum Greene = *Gentianella amarella* (Linnaeus) Boerner subsp. *heterosepala* (Engelm) Gillett
strictiflora (Rydberg) Greene = *Gentianella amarella* (Linnaeus) Boerner subsp. *acuta* (Michaux) Gillett
Anthopogon barbellatus (Engelm) Rydberg = *Gentianopsis barbellata* (Engelm) Iltis
elegans (A. Nelson) Rydberg = *Gentianopsis thermalis* (Kuntze) Iltis
thermalis (Kuntze) Rydberg = *Gentianopsis thermalis* (Kuntze) Iltis
Centaurium arizonicum (Gray) Heller = *Zeltnera arizonica* (Gray) Mansion
calycosum (Buckley) Fernald = *Zeltnera calycosa* (Buckley) Mansion
exaltatum (Grisebach ex Hooker) W.F. Wight ex Piper = *Zeltnera exaltata* (Grisebach ex Hooker) Mansion
maryannum B.L. Turner = *Zeltnera maryanna* (B.L. Turner) Mansion
nudicaule (Engelm) B.L. Robinson = *Zeltnera nudicaulis* (Engelm) Mansion
texense (Grisebach) Fernald [= *Zeltnera texensis* (Grisebach ex Hooker) Mansion] : Reported by M&H & W&S, but this is a species of
 central Texas; NM plants seem to fit *Zeltnera arizonica* or *Zeltnera calycosa*
Chondrophylla fremontii (Torrey) A. Nelson = *Gentiana prostrata* Haenke ex Jacquin
Dasystephana affinis (Grisebach) Rydberg = *Gentiana affinis* Grisebach
bigelovii (Gray) Rydberg = *Gentiana affinis* Grisebach
interrupta (Greene) Rydberg = *Gentiana affinis* Grisebach
parryi (Engelm) Rydberg = *Gentiana parryi* Engelm
romanzovii (Ledebour) Rydberg = *Gentiana algida* Pallas
rusbyi (Greene) Wooton & Standley = *Gentiana rusbyi* Greene
Erythaea calycosa Buckley = *Zeltnera calycosa* (Buckley) Mansion
Eustoma prairie gentian
 Shinnars, L.H. 1957. Synopsis of the genus *Eustoma* (Gentianaceae). Southwestern Naturalist 2:38-43.
exaltatum (Linnaeus) Salisbury ex G. Don [M&H]
 prairie gentian
Eustoma silenifolium Salisbury
grandiflorum (Rafinesque) Shinnars = *Eustoma russellianum* (Hooker) G. Don ex Sweet
russellianum (Hooker) G. Don in Sweet [M&H; W&S]
 Russell's prairie gentian
Eustoma grandiflorum (Rafinesque) Shinnars
Lisanthus russellianus Hooker
silenifolium Salisbury = *Eustoma exaltatum* (Linnaeus) Salisbury ex G. Dong
Frasera elkweed
 Chassot, P., S. Nemomissa, Y.-M. Yuan, & P. Kupfer. 2001. High paraphyly of *Swertia* L. (Gentianaceae) in the *Gentianella*-lineage as revealed by nuclear and chloroplast DNA sequence variation. Plant Syst. Evol. 229:1-21.
 Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4. [*F. albomarginata*]
 Holmgren, N. 1984. Gentianaceae, pp. 4-23. IN: Intermountain Flora, vol. 4. New York Botanical Garden.
 St. John, H. 1941. Revision of the genus *Swertia* (Gentianaceae) of the Americas and the reduction of *Frasera*. Amer. Midl. Natural. 26:1-29.
albomarginata S. Watson [Heil et al. 2002]
 desert elkweed
paniculata Torrey [M&H; W&S]
 tufted elkweed
Swertia utahensis (M.E. Jones) St. John
speciosa Douglas ex Grisebach [M&H; W&S]
 monument plant, showy elkweed
Frasera speciosa Douglas ex Grisebach var. *scabra* M.E. Jones
Frasera stenosepala Rydberg

Frasera venosa Greene
Swertia radiata (Kellogg) Kuntze
Swertia radiata (Kellogg) Kuntze var. *macrophylla* (Greene) St. John
speciosa Douglas ex Grisebach var. *scabra* M.E. Jones = *Frasera speciosa* Douglas ex Grisebach
stenosepala Rydberg = *Frasera speciosa* Douglas ex Grisebach
venosa Greene = *Frasera speciosa* Douglas ex Grisebach

Gentiana gentian

Gillett, J.M. 1957. A revision of the North American species of *Gentianella* Moench. Ann. Missouri Bot. Gard. 44:195-269.
Iltis, H.H. 1965. The genus *Gentianopsis* (Gentianaceae): transfers and phytogeographic comments. Sida 2:129-154.

affinis Grisebach [M&H; W&S]

Rocky Mountain gentian

Dasystephana affinis (Grisebach) Rydberg
Dasystephana bigelovii (Gray) Rydberg
Dasystephana interrupta (Greene) Rydberg
Dasystephana rusbyi (Greene) Wooton & Standley
Gentiana interrupta Greene
Gentiana rusbyi Greene

algida Pallas [M&H; W&S]

arctic gentian

Dasystephana romanzovii (Ledebour) Rydberg
Gentiana romanzovii Ledebour

barbellata Engelm = *Gentianopsis barbellata* (Engelmann) Iltis
bigelovii Gray = *Gentiana affinis* Grisebach
elegans A. Nelson = *Gentianopsis thermalis* (Kuntze) Iltis
fremontii Torrey = *Gentiana prostrata* Haenke ex Jacquin
heterosepala Engelm = *Gentianella amarella* (Linnaeus) Boerner subsp. *heterosepala* (Engelmann) Gillett
interrupta Greene = *Gentiana affinis* Grisebach

parryi Engelm [M&H; W&S]

Parry's gentian

Dasystephana parryi (Engelmann) Rydberg

plebeia Chamisso = *Gentianella amarella* (Linnaeus) Boerner subsp. *acuta* (Michaux) Gillett

prostrata Haenke ex Jacquin [M&H; W&S]

moss gentian

Chondrophylla fremontii (Torrey) A. Nelson
Gentiana fremontii Torrey

romanzovii Ledebour = *Gentiana algida* Pallas
rusbyi Greene = *Gentiana affinis* Grisebach
scopulorum (Greene) Tidestrom = *Gentianella amarella* (Linnaeus) Boerner subsp. *heterosepala* (Engelmann) Gillett
strictiflora (Rydberg) A. Nelson = *Gentianella amarella* (Linnaeus) Boerner subsp. *acuta* (Michaux) Gillett
tenella Rottboell = *Gentianella tenella* (Rottboell) Boerner subsp. *tenella*
thermalis Kuntze = *Gentianopsis thermalis* (Kuntze) Iltis
wislizeni Engelm (= *Gentianella wislizeni* (Engelmann) Gillett) : Reported as expected by M&H; awaits verification.
wrightii Gray = *Gentianella amarella* (Linnaeus) Boerner subsp. *wrightii* (Gray) Gillett

Gentianella dwarf-gentian

Gillett, J.M. 1957. A revision of the North American species of *Gentianella* Moench. Ann. Missouri Bot. Gard. 44:195-269.

amarella (Linnaeus) Boerner subsp. **acuta** (Michaux) Gillett [Gillett 1957; M&H; W&S]

dwarf-gentian

Amarella plebeia (Chamisso) Greene
Amarella strictiflora (Rydberg) Greene
Gentiana plebeia Chamisso
Gentiana strictiflora (Rydberg) A. Nelson

amarella (Linnaeus) Boerner subsp. **heterosepala** (Engelmann) Gillett [Gillett 1957; M&H; W&S]

dwarf-gentian

Amarella heterosepala (Engelmann) Greene
Amarella scopulorum Greene
Gentiana heterosepala Engelm
Gentiana scopulorum (Greene) Tidestrom

amarella (Linnaeus) Boerner subsp. **wrightii** (Gray) Gillett [Gillett 1957]

Wright's dwarf-gentian

Gentiana wrightii Gray

tenella (Rottboell) Boerner subsp. **tenella** [Gillett 1957; M&H]

slender dwarf-gentian

Gentiana tenella Rottboell

Gentianopsis fringed-gentian

Iltis, H.H. 1965. The genus *Gentianopsis* (Gentianaceae): transfers and phytogeographic comments. Sida 2:129-154.

barbellata (Engelmann) Iltis [Iltis 1965; M&H; W&S]

fringed-gentian

Anthopogon barbellatus (Engelmann) Rydberg

- Gentiana barbellata* Engelmann
thermalis (Kuntze) Iltis [Iltis 1965; M&H; W&S]
 Rocky Mountain gentian
Anthopogon elegans (A. Nelson) Rydberg
Anthopogon thermalis (Kuntze) Rydberg
Gentiana elegans A. Nelson
Gentiana thermalis Kuntze
- Halenia** spurred-gentian
recurva (J.E. Smith) Allen [M&H; W&S]
 spurred-gentian
Halenia rothrockii Gray
rothrockii Gray = *Halenia recurva* (J.E. Smith) Allen
Lisanthus russellianus Hooker = *Eustoma russellianum* (Hooker) G. Don ex Sweet
- Lomatogonium** marsh-felwort
 Fernald, M.L. 1919. *Lomatogonium* the correct name for *Pleurogyne*. *Rhodora* 21:193.
rotatum (Linnaeus) Fries ex Fernald [M&H; W&S]
 marsh-felwort
Pleurogyne fontana A. Nelson
Pleurogyne rotata (L.) Grisebach
Pleurogyne fontana A. Nelson = *Lomatogonium rotatum* (Linnaeus) Grisebach
rotata Grisebach = *Lomatogonium rotatum* (Linnaeus) Grisebach
- Sabatia** rose-gentian
 Allred, K.W. 1999. New plant distribution records. *The New Mexico Botanist* 13:7. [*Sabatia angularis*]
 ***angularis** (Linnaeus) Pursh [Allred 1999]
 rose-gentian
- Swertia** star gentian
 Chassot, P., S. Nemomissa, Y.-M. Yuan, & P. Kupfer. 2001. High parphyly of *Swertia* L. (Gentianaceae) in the Gentianella-lineage as revealed by nuclear and chloroplast DNA sequence variation. *Plant Syst. Evol.* 229:1-21.
 St. John, H. 1941. Revision of the genus *Swertia* (Gentianaceae) of the Americas and the reduction of *Frasera*. *Amer. Midl. Natural.* 26:1-29.
albomarginata S. Watson = *Frasera albomarginata* S. Watson
palustris A. Nelson = *Swertia perennis* Linnaeus
perennis Linnaeus [M&H; W&S]
 perennial star gentian
Swertia palustris A. Nelson
radiata (Kellogg) Kuntze var. *macrophylla* (Greene) St. John = *Frasera speciosa* Douglas ex Grisebach
radiata (Kellogg) Kuntze = *Frasera speciosa* Douglas ex Grisebach
utahensis (M.E. Jones) St. John = *Frasera paniculata* Torrey
- Zeltnera** centaury
 Mansion, G. 2004. A new classification of the polyphyletic genus *Centaurium* Hill (Chironiinae, Gentianaceae): description of the New World endemic *Zeltnera*, and reinstatement of *Gyandra* Griseb. and *Schenkia* Griseb. *Taxon* 53(3):719-740.
 Turner, B.L. 1993. The Texas species of *Centaurium* (Gentianaceae). *Phytologia* 75:259-275.
arizonica (Gray) Mansion [Turner 1993]
 Arizona centaury
Centaurium arizonicum (Gray) Heller
calycosa (Buckley) Mansion [M&H; W&S]
 Buckley's centaury
Centaurium calycosum (Buckley) Fernald
Erythaea calycosa Buckley
exaltata (Grisebach) Mansion [M&H]
 desert centaury
Centaurium exaltatum (Grisebach) W.F. Wight ex Piper
maryanna (B.L. Turner) Mansion [Turner 1993]
 gyp centaury
Centaurium maryannum B.L. Turner
nudicaulis (Engelmann) Mansion [Turner 1993]
 Santa Catalina centaury
Centaurium nudicaule (Engelmann) B.L. Robinson
texensis (Grisebach ex Hooker) Mansion : Reported by M&H & W&S (in *Centaurium*), but this is a species of central Texas; NM plants seem to fit *Zeltnera arizonica* or *Zeltnera calycosa*

Family GERANIACEAE

- Robertson, K.R. 1972. The genera of Geraniaceae in the southeastern United States. *J. Arnold Arbor.* 53:182-201.
- Erodium** filaree
 ***cicutarium** (Linnaeus) L'Héritier ex Aiton [M&H; W&S]
 filaree, red-stem storkbill
Geranium cucutarium Linnaeus
texanum Gray [M&H; W&S]

Texas filaree

Geranium geranium

Aedo, C. 2000. The genus *Geranium* L. (Geraniaceae) in North America. I. Annual species. *Anales Jard. Bot. Madrid* 58(1):39-82.

Aedo, C. 2001. The genus *Geranium* L. (Geraniaceae) in North America. II. Perennial species. *Anales Jard. Bot. Madrid* 59(1):3-65. [*G. wislizeni*]

Holmgren, N. 1997. *Geranium*, pp. 330-336. IN: *Intermountain Flora*, vol. 3A. New York Botanical Garden. [*G. viscosissimum*]

atropurpureum Heller = *Geranium caespitosum* James

caespitosum James [M&H; W&S]

tufted geranium

Geranium atropurpureum Heller

Geranium caespitosum James var. *eremophilum* (Wooton & Standley) ined. M&H

Geranium eremophilum Wooton & Standley

Geranium fremontii Torrey ex Gray

Geranium fremontii Torrey ex Gray var. *parryi* Engelm

Geranium furcatum Hanks

Geranium parryi (Engelm) Heller

caespitosum James var. *eremophilum* (Wooton & Standley) ined. [This combination not validly published by M&H; see ICBN, Article 33]

= *Geranium caespitosum* James

carolinianum Linnaeus [M&H]

Carolina geranium

Geranium langloissi Greene

cicutarium Linnaeus = *Erodium cicutarium* (Linnaeus) L'Hérétier ex Aiton

eremophilum Wooton & Standley = *Geranium caespitosum* James

fremontii Torrey ex Gray = *Geranium caespitosum* James

fremontii Torrey ex Gray var. *parryi* Engelm = *Geranium caespitosum* James

furcatum Hanks = *Geranium caespitosum* James

langloissi Greene = *Geranium carolinianum* Linnaeus

lentum Wooton & Standley [Aedo 2001; W&S]

New Mexico geranium

nervosum Rydberg = *Geranium viscosissimum* Fischer & C.A. Meyer ex C.A. Meyer var. *incisum* (Torrey & Gray) N.H. Holmgren

parryi (Engelm) Heller = *Geranium caespitosum* James

richardsonii Fischer & Trautvetter [M&H; W&S]

Richardson's geranium

strigosum Rydberg = *Geranium viscosissimum* Fischer & C.A. Meyer ex C.A. Meyer var. *incisum* (Torrey & Gray) N.H. Holmgren

viscosissimum Fischer & C.A. Meyer ex C.A. Meyer var. **incisum** (Torrey & Gray) N.H. Holmgren [Holmgren 1997]

sticky geranium

Geranium nervosum Rydberg

Geranium strigosum Rydberg

wislizeni S. Watson [Aedo 2001]

Wislizenus's geranium

Family GROSSULARIACEAE

Grossularia inermis (Rydberg) Coville & Britton = *Ribes inermis* Rydberg

leptantha (Gray) Coville & Britton = *Ribes leptanthum* Gray

Ribes currant, gooseberry

Berger, A. 1924. A taxonomic review of currants and gooseberries. *New York Agric. Exp. Sta. Techn. Bull.* 109:1-118.

Senters, A.E. & D.E. Soltis. 2003. Phylogenetic relationships in *Ribes* (Grossulariaceae) inferred from ITS sequence data. *Taxon* 52:51-66.

Sinnott, Q.P. 1985. A revision of *Ribes* L. subg. *Grossularia* (Miller) Persoon sect. *Grossularia* (Miller) Nuttall (Grossulariaceae) in North America. *Rhodora* 87:189-286.

americanum Miller [M&H; W&S]

wild black currant

aureum Pursh var. **aureum** [M&H; W&S]

golden currant

aureum Pursh var. **villosum** A.P. de Candolle [Great Plains Flora Association 1977]

golden currant

Ribes odoratum Wendland

cereum Douglas [M&H; W&S]

wax currant

Ribes cereum Douglas var. *pedicellare* Brewer & S. Watson

Ribes inebrians Lindley

cereum Douglas var. *pedicellare* Brewer & S. Watson = *Ribes cereum* Douglas

coloradense Coville = *Ribes laxiflorum* Pursh

inebrians Lindley = *Ribes cereum* Douglas

inermis Rydberg [M&H; W&S]

white-stem gooseberry

Grossularia inermis (Rydberg) Coville & Britton

laxiflorum Pursh [M&H; W&S]

trailing black currant

Ribes coloradense Coville
leptanthum Gray [M&H; W&S]
 trumpet gooseberry
Grossularia leptantha (Gray) Coville & Britton
Ribes leptanthum Gray var. *veganum* Cockerell
leptanthum Gray var. *veganum* Cockerell = *Ribes leptanthum* Gray
mescalerium Coville [M&H; W&S]
 Mescalero currant
mogollonicum Greene = *Ribes wolfii* Rothrock
montigenum McClatchie [M&H; W&S]
 prickly gooseberry
odoratum Wendland = *Ribes aureum* Pursh var. *villosum* A.P. de Candolle
pinetorum Greene [M&H; W&S]
 orange gooseberry
viscosissimum Pursh : Reported as expected by M&H map; awaits verification.
wolfii Rothrock [M&H; W&S]
 Wolf's currant
Ribes mogollonicum Greene

Family GUNNERACEAE sensu stricto : Not in NM; see HALORAGACEAE

Family GUTTIFERAE = CLUSIACEAE

Family HALORAGACEAE

Hippuris mare's-tail
vulgaris Linnaeus
 water mare's-tail
Myriophyllum water-milfoil
 Adams, T. 1998. New plant distribution records. The New Mexico Botanist 7:6. [*Myriophyllum verticillatum*]
 Aiken, S.G. 1981. A conspectus of *Myriophyllum* (Haloragaceae) in North America. Brittonia 33:57-69.
 Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Myriophyllum aquaticum*]
 Allred, K.W. 2002. New plant distribution records. The New Mexico Botanist 21:2. [*Myriophyllum aquaticum*]
 Orchard, A.E. 1981. A revision of South American *Myriophyllum* (Haloragaceae), and its repercussions on some Australian and North American species. Brunonia 4:27-65.
 Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. Sida 11(4):455-470. [*Myriophyllum pinnatum*]
 ***aquaticum** (Vellozo) Verdcourt [Allred 1999, 2002]
 parrot's feather
Myriophyllum brasiliense Cambessèdes
brasiliense Cambessèdes = *Myriophyllum aquaticum* (Vellozo) Verdcourt
exalbescens Fernald = *Myriophyllum sibiricum* Komarov
heterophyllum Michaux : Reported as expected by M&H map and also by Fernald (1950); awaits verification.
pinnatum (Walter) Britton, Sterns, & Poggenburg [Spellenberg et al. 1986]
 cut-leaf water-milfoil
sibiricum Komarov [M&H]
 Siberian water-milfoil
Myriophyllum exalbescens Fernald
Myriophyllum spicatum Linnaeus subsp. *exalbescens* (Fernald) Hultén
spicatum Linnaeus subsp. *exalbescens* (Fernald) Hultén = *Myriophyllum sibiricum* Komarov
 ***spicatum** Linnaeus [M&H; W&S]
 Eurasian water-milfoil
verticillatum Linnaeus [Adams 1998]
 whorled water-milfoil

Family HEDERACEAE = ARALIACEAE

Family HELIOTROPACEAE = BORAGINACEAE

Family HYDRANGEACEAE

Edwinia americana (Torrey & Gray) Heller = *Jamesia americana* Torrey & Gray var. *americana*
Fendlera Fendler-bush
cymosa Greene ex Wootton & Standley = *Fendlerella utahensis* (S. Watson) Heller var. *cymosa* (Greene ex Wootton & Standley) Kearney & Peebles
falcata Thornber = *Fendlera rupicola* Gray var. *falcata* (Thornber) Rehder
rupicola Gray var. **falcata** (Thornber) Rehder [W&S]
 cliff Fendler-bush
Fendlera falcata Thornber

- rupicola*** Gray var. ***rupicola*** [M&H; W&S]
cliff Fendler-bush
- rupicola*** Gray var. ***wrightii*** Gray [M&H; W&S]
Wright's Fendler-bush
Fendlera tomentella Thornber
tomentella Thornber = *Fendlera rupicola* Gray var. *wrightii* Gray
- Fendlerella*** Fendler-bush
utahensis (S. Watson) Heller var. ***cymosa*** (Greene ex Wooton & Standley) Kearney & Peebles [M&H; W&S]
Utah Fendler-bush
Fendlera cymosa Greene ex Wooton & Standley
- Jamesia*** cliffbush
Holmgren, N. & P.K. Holmgren. 1989. A taxonomic study of *Jamesia* (Hydrangeaceae). Brittonia 41:335-350.
americana Torrey & Gray var. ***americana*** [Holmgren & Holmgren 1989; M&H; W&S]
cliffbush
Edwinia americana (Torrey & Gray) Heller
- Philadelphus*** mock-orange
Frazier, C. 1995. A taxonomic study of *Philadelphus* as it occurs in New Mexico. The New Mexico Botanist 13:1-6.
Hu, S.Y. 1954-56. A monograph of the genus *Philadelphus*. J. Arnold Arbor. 35:275-333. 36:52-109, 325-368. 37:15-90.
argenteus Rydberg = *Philadelphus microphyllus* Gray subsp. *argenteus* (Rydberg) C.L. Hitchcock
argyrocalyx Wooton = *Philadelphus microphyllus* Gray subsp. *argyrocalyx* (Wooton) C.L. Hitchcock
argyrocalyx Wooton var. ***argenteus*** (Rydberg) Engler = *Philadelphus microphyllus* Gray subsp. *argenteus* (Rydberg) C.L. Hitchcock
ellipticus Rydberg = *Philadelphus microphyllus* Gray subsp. *argyrocalyx* (Wooton) C.L. Hitchcock
hitchcockianus Hu = *Philadelphus mearnsii* W.H. Evans ex Rydberg
madrensis Hemsley = *Philadelphus microphyllus* Gray subsp. *argenteus* (Rydberg) C.L. Hitchcock
mearnsii W.H. Evans ex Rydberg [Frazier 1995; M&H; W&S]
Mearns's mock-orange
Philadelphus hitchcockianus Hu
microphyllus Gray subsp. ***argenteus*** (Rydberg) C.L. Hitchcock [Frazier 1995; M&H; W&S]
silver mock-orange
Philadelphus argenteus Rydb
Philadelphus argyrocalyx Wooton var. *argenteus* (Rydberg) Engler
Philadelphus madrensis Hemsley
Philadelphus microphyllus Gray var. *argenteus* (Rydberg) Kearney & Peebles
Philadelphus occidentalis sensu M&H
microphyllus Gray var. *argenteus* (Rydberg) Kearney & Peebles = *Philadelphus microphyllus* Gray subsp. *argenteus* (Rydberg) C.L. Hitchcock
+*microphyllus* Gray subsp. ***argyrocalyx*** (Wooton) C.L. Hitchcock [Frazier 1995; M&H; W&S]
little-leaf mock-orange
Philadelphus argyrocalyx Wooton
Philadelphus ellipticus Rydberg
Philadelphus serpyllifolius Gray subsp. *argyrocalyx* (Wooton) Hitchcock
Philadelphus serpyllifolius Gray var. *argyrocalyx* (Wooton) M.E. Jones
Philadelphus wootonii Hu
microphyllus Gray subsp. ***microphyllus*** [Frazier 1995; M&H; W&S]
little-leaf mock-orange
Philadelphus microphyllus Gray var. *ovatus* Hu
microphyllus Gray var. *ovatus* Hu = *Philadelphus microphyllus* Gray subsp. *microphyllus*
occidentalis sensu M&H = *Philadelphus microphyllus* Gray subsp. *argenteus* (Rydberg) C.L. Hitchcock
serpyllifolius Gray s.s. : Reported by M&H, but no verifying specimens found (Frazier 1995).
serpyllifolius Gray subsp. *argyrocalyx* (Wooton) Hitchcock = *Philadelphus microphyllus* Gray subsp. *argyrocalyx* (Wooton) C.L. Hitchcock
serpyllifolius Gray var. *argyrocalyx* (Wooton) M.E. Jones = *Philadelphus microphyllus* Gray subsp. *argyrocalyx* (Wooton) C.L. Hitchcock
wootonii Hu = *Philadelphus microphyllus* Gray subsp. *argyrocalyx* (Wooton) C.L. Hitchcock

Family HYDROPHYLLACEAE

- Andropus carnosus* (Wooton) Brand = *Nama carnosum* (Wooton) C. L. Hitchcock
Conanthus angustifolius (Gray) Heller = *Nama dichotomum* (Ruiz & Pavon) Choisy
carnosus Wooton = *Nama carnosum* (Wooton) C.L. Hitchcock
hispidus (Gray) Heller = *Nama hispidum* Gray
- Ellisia*** Ellis-weed
nyctelea Linnaeus [M&H; W&S]
Aunt Lucy
Macrocalyx nyctelea (Linnaeus) Kuntze
Nyctelea nyctelea (Linnaeus) Britton
- Eucrypta*** hide-seed
micrantha (Torrey) Heller [M&H; W&S]
dainty hide-seed
Macrocalyx micrantha (Torrey) Coville

- Nyctelea micrantha* (Torrey) Wooton & Standley
Phacelia micrantha Torrey
- Hydrophyllum** waterleaf
fendleri (Gray) Heller var. **fendleri** [M&H; W&S]
 Fendler's waterleaf
Hydrophyllum occidentale (S. Watson) Gray var. *fendleri* Gray
occidentale (S. Watson) Gray var. *fendleri* Gray = *Hydrophyllum fendleri* (Gray) Heller var. *fendleri*
- Macrocalyx micrantha* (Torrey) Coville = *Eucrypta micrantha* (Torrey) Heller
nyctelea (Linnaeus) Kuntze = *Ellisia nyctelea* Linnaeus
- Marilaunidium angustifolium* (Gray) Kuntze = *Nama dichotomum* (Ruiz & Pavon) Choisy
foliosum Wooton & Standley = *Nama hispidum* Gray
hispidum (Gray) Kuntze = *Nama hispidum* Gray
tenue Small = *Nama hispidum* Gray
tenue Wooton & Standley, not Small = *Nama dichotomum* (Ruiz & Pavon) Choisy
xylopodium Wooton & Standley = *Nama xylopodium* (Wooton & Standley) C. L. Hitchcock
- Nama** fiddleleaf
 Bacon, J.D. 1984. Chromosome numbers and taxonomic notes in the genus *Nama* (Hydrophyllaceae). II. *Sida* 10:267-275. [*Phacelia stevensii*]
 Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. *Sida* 11(4):455-470. [*Nama hispidum* var. *mentzelii*, *N. retrorsum*]
angustifolium (Gray) A. Nelson = *Nama dichotomum* (Ruiz & Pavon) Choisy
biflorum Choisy var. *spathulatum* Torrey = *Nama hispidum* Gray
carnosum (Wooton) C. L. Hitchcock [M&H; W&S]
 sand fiddleleaf
Andropus carnosus (Wooton) Brand
Conanthus carnosus Wooton
- dichotomum** (Ruiz & Pavon) Choisy [M&H; W&S]
 wishbone fiddleleaf
Conanthus angustifolius (Gray) Heller
Marilaunidium angustifolium (Gray) Kuntze
Marilaunidium tenue Wooton & Standley, not Small
Nama angustifolium (Gray) A. Nelson
Nama dichotomum (Ruiz & Pavon) Choisy var. *angustifolium* Gray
Nama tenue (Wooton & Standley) Tidestrom
dichotomum (Ruiz & Pavon) Choisy var. *angustifolium* Gray = *Nama dichotomum* (Ruiz & Pavon) Choisy
foliosum (Wooton & Standley) Tidestrom = *Nama hispidum* Gray
- hispidum** Gray [M&H; W&S]
 purple roll-leaf, sandbells
Conanthus hispidus (Gray) Heller
Marilaunidium foliosum Wooton & Standley
Marilaunidium hispidum (Gray) Kuntze
Marilaunidium tenue Small
Nama biflorum Choisy var. *spathulatum* Torrey
Nama hispidum Gray var. *mentzelii* Brand
Nama hispidum Gray var. *spathulatum* (Torrey) C.L. Hitchcock
hispidum Gray var. *mentzelii* Brand = *Nama hispidum* Gray
hispidum Gray var. *spathulatum* (Torrey) C.L. Hitchcock = *Nama hispidum* Gray
- retrorsum** J.T. Howell [Spellenberg et al. 1986]
 Betatakin fiddleleaf
- stevensii** C.L. Hitchcock [Bacon 1984]
 Stevens's fiddleleaf
tenue (Wooton & Standley) Tidestrom = *Nama dichotomum* (Ruiz & Pavon) Choisy
- xylopodium** (Wooton & Standley) C. L. Hitchcock [M&H; W&S]
 yellow-seed fiddleleaf
Marilaunidium xylopodium Wooton & Standley
- Nyctelea micrantha* (Torrey) Wooton & Standley = *Eucrypta micrantha* (Torrey) Heller
nyctelea (Linnaeus) Britton = *Ellisia nyctelea* Linnaeus
- Phacelia** scorpion-weed
 Atwood, N.D. & S.L. Welsh. 2005. New species of *Mentzelia* (Loasaceae) and *Phacelia* (Hydrophyllaceae) from New Mexico. *Western North American Naturalist* 65(3):365-370. [*Phacelia sivinskii*]
 Atwood, N.D. 1975. A revision of the *Phacelia crenolatae* group (Hydrophyllaceae) for North America. *Great Basin Naturalist* 35:127-190.
 Gillett, G.W. 1961. An experimental study of variation in the *Phacelia sericea* complex. *Amer. J. Bot.* 48:1-7. [Hydrophyllaceae]
 Hartman, R.L. 1973. New plant records for New Mexico. *Southwestern Naturalist* 18(2):241-242. [*Phacelia denticulata*]
 Knight, P.J. 1984. Noteworthy collections (New Mexico). *Madroño* 31:63. [*Phacelia splendens*]
 Sivinski, R. 1993. Noteworthy collections (New Mexico). *Madroño* 40:273-274. [*Phacelia cephalotes*]
 Sivinski, R. & K. Lightfoot. 1994. Status summary for the grama grass cactus (*Toumeyia papyracantha*). U.S. Fish and Wildlife Service, Albuquerque, NM. [*Phacelia serrata*]
 Soreng, R. 1984. Noteworthy collections (New Mexico). *Madroño* 31:126. [*Phacelia demissa*]
 Worthington, R.D. 2005. Plant distribution reports. *The New Mexico Botanist* 34:7. [*Phacelia cryptantha*]
- affinis** Gray [M&H]

limestone scorpion-weed
alba Rydberg [Atwood 1975; M&H; W&S]
white scorpion-weed
Phacelia neomexicana Thurber var. *alba* (Rydberg) Brand
arizonica Gray [Atwood 1975; M&H; W&S]
Arizona scorpion-weed
Phacelia popei Torrey & Gray var. *arizonica* (Gray) Voss
bakeri (Brand) Macbride [Atwood 1975]
Baker's scorpion-weed
bombycina Wooton & Standley [M&H; W&S]
Mangas Spring scorpion-weed
Phacelia tenuipes Wooton & Standley
caerulea Greene [M&H; W&S]
sky-blue scorpion-weed
Phacelia intermedia Wooton
campestris A. Nelson = *Phacelia ivesiana* Torrey
cephalotes Gray [Sivinski 1993]
virgin scorpion-weed
congesta Hooker [M&H]
caterpillars
congesta Hooker var. *rupestris* (Greene) Macbride = *Phacelia rupestris* Greene
corrugata A. Nelson = *Phacelia crenulata* Torrey
crenulata Torrey ex S. Watson [M&H; W&S]
notched scorpion-weed
Phacelia corrugata A. Nelson
Phacelia crenulata Torrey ex S. Watson var. *corrugata*
crenulata Torrey ex S. Watson var. *corrugata* = *Phacelia crenulata* Torrey ex S. Watson
cryptantha Greene [Worthington 2005]
small-flower scorpion-weed
demissa Gray [Soreng 1984; W&S]
intermountain scorpion-weed
denticulata Osterhout [Hartman 1973; M&H]
Rocky Mountain scorpion-weed
depauperata Wooton & Standley = *Phacelia popei* Torrey & Gray
glandulosa Nuttall : Reported by W&S, but not occurring in NM (Atwood 1975).
heterophylla Pursh [W&S]
two-leaf scorpion-weed
integrifolia Torrey var. *integrifolia* [M&H]
gypsum scorpion-weed
integrifolia Torrey var. *texana* (Voss) Atwood [Atwood 1975]
gypsum scorpion-weed
intermedia Wooton = *Phacelia caerulea* Greene
ivesiana Torrey [M&H]
Ives scorpion-weed
Phacelia campestris A. Nelson
micrantha Torrey = *Eucrypta micrantha* (Torrey) Heller
neomexicana Thurber var. *alba* (Rydberg) Brand = *Phacelia alba* Rydberg
neomexicana Thurber ex Torrey [M&H; W&S]
New Mexico scorpion-weed
Phacelia neomexicana Thurber ex Torrey var. *pseudoarizonica* (Brand) Voss
neomexicana Thurber ex Torrey var. *pseudoarizonica* (Brand) Voss = *Phacelia neomexicana* Thurber ex Torrey
palmeri Torrey ex S. Watson : Reported by Kartesz (1999) for NM, supposedly based on Atwood (1975), but this is an error.
popei Torrey & Gray var. *arizonica* (Gray) Voss = *Phacelia arizonica* Gray
popei Torrey & Gray [Atwood 1975; M&H; W&S]
Pope's scorpion-weed
Phacelia depauperata Wooton & Standley
Phacelia popei Torrey & Gray var. *similis* (Wooton & Standley) Voss
Phacelia similis Wooton & Standley
popei Torrey & Gray var. *similis* (Wooton & Standley) Voss = *Phacelia popei* Torrey & Gray
rupestris Greene [Atwood 1975; M&H; W&S]
rock scorpion-weed
Phacelia congesta Hooker var. *rupestris* (Greene) Macbride
sericea (Graham) Gray [M&H; W&S]
purplefringe
serrata J. Voss [Sivinski & Lightfoot 1994]

saw-tooth scorpion-weed
similis Wooton & Standley = *Phacelia popei* Torrey & Gray
sivinskii N.D. Atwood, P.J. Knight, & Lowrey [Atwood & Welsh 2005]
Sivinski's scorpion-weed
splendens Eastwood [Knight 1984]
patchy scorpion-weed
tenuipes Wooton & Standley = *Phacelia bombycina* Wooton & Standley

Family *HYPERICACEAE* = *CLUSIACEAE*

Family *JUGLANDACEAE*

Juglans walnut
Hartman, R.L., B. Reif, B.E. Nelson, & B. Jacobs. 2006. New vascular plant records for New Mexico. *Sida* 22(2):1225-1233. [*J. nigra*]
Whittemore, A.T. & D.E. Stone. *Juglans*, pp. 425-428. IN: *Flora of North America*, vol. 3. Oxford University Press.
major (Torrey) Heller [M&H; W&S]
Arizona walnut
microcarpa Berlandier var. *microcarpa* [M&H; W&S]
little walnut
Juglans rupestris Engelm
nigra Linnaeus [Hartman et al. 2006]
black walnut
rupestris Engelm ex Torrey = *Juglans microcarpa* Berlandier

Family *KOEBERLINIACEAE*

Koerberlinia crucifixion-thorn
spinosa Zuccarini var. *spinosa*
crucifixion-thorn, crown-of-thorns

Family *KRAMERIACEAE*

Krameria ratany
Simpson, B.B. 1989. *Krameriaceae*. *Flora Neotropica* 49:1-108.
canescens Gray = *Krameria grayi* Rose & Painter
erecta Willdenow ex Schultes [M&H; W&S]
range ratany
Krameria glandulosa Rose & Painter
Krameria parvifolia Benth var. *glandulosa* (Rose & Painter) Macbride
glandulosa Rose & Painter = *Krameria erecta* Willdenow ex Schultes
grayi Rose & Painter [M&H]
white ratany
Krameria canescens Gray
lanceolata Torrey [M&H; W&S]
trailing ratany
Krameria secundiflora auct. non A.P. de Candolle
parvifolia Benth var. *glandulosa* (Rose & Painter) Macbride = *Krameria erecta* Willdenow ex Schultes
secundiflora auct. non A.P. de Candolle = *Krameria lanceolata* Torrey

Family *LABIATAE* = *LAMIACEAE*

Family *LAMIACEAE* (*LABIATAE*) [*Menthaceae*]

Agastache giant-hyssop
Sanders, R.W. 1981. New taxa and combinations in *Agastache* (Lamiaceae). *Brittonia* 33(2):194-197.
Sanders, R.W. 1987. Taxonomy of *Agastache* section *Brittonastrum* (Lamiaceae-Nepeteae). *Syst. Bot. Monogr.* 15.
Worthington, R. 2000. New plant distribution records. *The New Mexico Botanist* 16:7. [*Agastache pallidiflora* var. *hvardii*]
breviflora (Gray) Epling [M&H] Note: Sanders (1987) did not include NM in his distribution; perhaps needs verification.
Trans-Pecos giant-hyssop
Cedronella breviflora Gray
cana (Hooker) Wooton & Standley [M&H; W&S]
mosquito-plant
Cedronella cana Hooker
greenei (Briquet) Wooton & Standley = *Agastache pallidiflora* (Heller) Rydberg subsp. *pallidiflora* var. *greenei* (Briquet) R. Sanders
lanceolata Standley = *Agastache rupestris* (Greene) Standley
mearnsii Wooton & Standley [M&H; W&S]
San Luis giant-hyssop
micrantha (Gray) Wooton & Standley [M&H; W&S]
white giant-hyssop

Cedronella micrantha Gray
neomexicana (Briquet) Standley = *Agastache pallidiflora* (Heller) Rydberg subsp. *neomexicana* (Briquet) Lint & Epling var. *neomexicana* (Briquet) R. Sanders
 +***pallidiflora*** (Heller) Rydberg subsp. *neomexicana* (Briquet) Lint & Epling var. *neomexicana* (Briquet) R. Sanders [M&H; W&S]
 New Mexico giant-hyssop
Agastache neomexicana (Briquet) Standley
pallidiflora (Heller) Rydberg subsp. ***pallidiflora*** var. *gilensis* R.W. Sanders [Sanders 1981]
 Gila giant-hyssop
pallidiflora (Heller) Rydberg subsp. ***pallidiflora*** var. *greenei* (Briquet) R. Sanders [W&S]
 Greene's giant-hyssop
Agastache greenei (Briquet) Wooton & Standley
pallidiflora (Heller) Rydberg subsp. ***pallidiflora*** var. *havardii* (Gray) R. Sanders [Worthington 2000]
 Havard's giant-hyssop
pallidiflora (Heller) Rydberg subsp. ***pallidiflora*** var. ***pallidiflora*** [M&H; W&S]
 mountain giant-hyssop
 +***pringlei*** (Briquet) Lint & Epling var. *verticillata* (Wooton & Standley) R. Sanders [M&H; W&S]
 Pringle's giant-hyssop
Agastache verticillata Wooton & Standley
rupestris (Greene) Standley [M&H; W&S]
 thread-leaf giant-hyssop
Agastache lanceolata Standley
Cedronella rupestris Greene
verticillata Wooton & Standley = *Agastache pringlei* (Briquet) Lint & Epling var. *verticillata* (Wooton & Standley) R. Sanders
wrightii (Greenman) Wooton & Standley [M&H; W&S]
 Wright's giant-hyssop
Brittonastrum wrightii (Greenman) Robinson
Cedronella wrightii Greenman
Brittonastrum wrightii (Greenman) Robinson = *Agastache wrightii* (Greenman) Wooton & Standley
Calamintha arkansana (Nuttall) Shinnars = *Satureja arkansana* (Nuttall) Briquet
Cedronella breviflora Gray = *Agastache breviflora* (Gray) Epling
cana Hooker = *Agastache cana* (Hooker) Wooton & Standley
micrantha Gray = *Agastache micrantha* (Gray) Wooton & Standley
rupestris Greene = *Agastache rupestris* (Greene) Standley
wrightii Greenman = *Agastache wrightii* (Greenman) Wooton & Standley
Clinopodium vulgare Linnaeus = *Satureja vulgaris* (Linnaeus) Fritsch
Dracocephalum dragonhead
parviflorum Nuttall [M&H; W&S]
 dragonhead
Moldavica parviflora (Nuttall) Britton
Hedeoma false-pennyroyal
 Hall, H.H. & S. Flowers. 1961. Vascular plants found in the Navajo Reservoir Basin, pp. 47-87. IN: D.M. Pendergast (ed.). Ecological studies of the flora and fauna of Navajo Reservoir Basin, Colorado and New Mexico. Univ. Utah Anthropological Papers, number 55.
 Irving, R.S. 1979. *Hedeoma todsenii* (Labiatae), a new and rare species from New Mexico. *Madroño* 26:184-187. [*Hedeoma todsenii*]
 Irving, R.S. 1980. The systematics of *Hedeoma* (Labiatae). *Sida* 8:218-295.
 Sivinski, R. & K. Lightfoot, eds. 1995. Inventory of rare and endangered plants of New Mexico. New Mexico Forestry and Resources Conservation Division, Misc. Publ. No. 4. [*Hedeoma apiculatum*]
 Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. *Sida* 11(4):455-470. [*Hedeoma dentatum*]
apiculata Stewart [Sivinski & Lightfoot 1995]
 McKittrick's false-pennyroyal
ciliata Nuttall = *Hedeoma drummondii* Benthams [M&H]
convisae A. Nelson = *Hedeoma costata* Gray var. *pulchella* (Greene) Irving
costata Gray var. ***pulchella*** (Greene) Irving [Irving 1980; M&H; W&S]
 ribbed false-pennyroyal
Hedeoma convisae A. Nelson
Hedeoma pulchella Greene
dentata Torrey [Spellenberg et al. 1986]
 Arizona false-pennyroyal
dentata Torrey var. *nana* Torrey = *Hedeoma nana* (Torrey) Briquet
diffusa Greene : Reported by Hall & Flowers (1961); awaits verification.
drummondii Benthams [M&H; W&S]
 Drummond's false-pennyroyal
Hedeoma ciliata Nuttall
Hedeoma lata Small
Hedeoma sancta Small
hyssopifolium Gray [M&H; W&S]
 aromatic false-pennyroyal

incana Torrey = *Poliomintha incana* (Torrey) Gray
lata Small = *Hedeoma drummondii* Benth
nana (Torrey) Briquet [M&H; W&S]
 dwarf false-pennyroyal
Hedeoma dentata Torrey var. *nana* Torrey
Hedeoma thymoides Gray
oblongifolia (Gray) Heller [M&H; W&S]
 thyme-leaf false-pennyroyal
Hedeoma piperita Benth var. *oblongifolia* Gray
Hedeoma thymoides Gray var. *oblongifolia* Gray
piperita Benth var. *oblongifolia* Gray = *Hedeoma oblongifolia* (Gray) Heller
plicata Torrey [M&H; W&S]
 veiny false-pennyroyal
pulchella Greene = *Hedeoma costata* Gray var. *pulchella* (Greene) Irving
 +**pulcherrima** Wooton & Standley [M&H; W&S]
 White Mountain false-pennyroyal
reverchonii Gray var. **serpyllifolia** (Small) Irving [Irving 1980]
 Reverchon's false-pennyroyal
sancta Small = *Hedeoma drummondii* Benth
thymoides Gray = *Hedeoma nana* (Torrey) Briquet
thymoides Gray var. *oblongifolia* Gray = *Hedeoma oblongifolia* (Gray) Heller
 +**todsensii** Irving [Irving 1979]
 Todsens's false-pennyroyal
Isanthus false-pennyroyal
 Lewis, H. 1945. A revision of the genus *Trichostema*. Brittonia 5:276-303. [*Isanthus brachiatus*]
brachiatus (Linnaeus) Britton, Sterns, & Poggenburg [Lewis 1945]
 false-pennyroyal
Trichostema brachiatum Linnaeus
Lamium henbit
 Mennema, J. 1989. A taxonomic revision of *Lamium* (Lamiaceae). Leiden Bot. Ser. 11:1-198.
 ***amplexicaule** Linnaeus [M&H; W&S]
 henbit
Leonurus motherwort
 ***cardiaca** Linnaeus subsp. **cardiaca** [M&H]
 motherwort
Lycopus water-horehound
 Henderson, N.C. 1962. A taxonomic revision of the genus *Lycopus* (Labiatae). Amer. Midl. Naturalist 68:95-138.
americanus Muhlenberg ex W. Barton [Henderson 1962; M&H; W&S]
 American water-horehound
Lycopus sinuatus Elliott
asper Greene [Henderson 1962; M&H; W&S]
 rough water-horehound
Lycopus lucidus of American authors, not Turczaninow
lucidus of American authors, not Turczaninow = *Lycopus asper* Greene
sinuatus Elliott = *Lycopus americanus* Muhlenberg ex W. Barton
Madronella parvifolia (Greene) Rydberg = *Monardella odoratissima* Benth
Marrubium horehound
 ***vulgare** Linnaeus [M&H; W&S]
 horehound
Melosmon laciniatum (Torrey) Small = *Teucrium laciniatum* Torrey
Mentha mint
arvensis Linnaeus [M&H; W&S]
 field mint
Mentha canadensis Linnaeus
Mentha arvensis Linnaeus var. *penardi* Briquet
Mentha arvensis Linnaeus var. *villosa* (Benth) S.R. Stewart
Mentha penardi (Briquet) Rydberg
arvensis Linnaeus var. *penardi* Briquet = *Mentha arvensis* Linnaeus
arvensis Linnaeus var. *villosa* (Benth) S.R. Stewart = *Mentha arvensis* Linnaeus
canadensis Linnaeus = *Mentha arvensis* Linnaeus
penardi (Briquet) Rydberg = *Mentha arvensis* Linnaeus
 ***rotundifolia** (Linnaeus) Hudson [*longifolia* × *suaveolens*] [M&H; W&S]
 hybrid mint
Mentha spicata Linnaeus var. *rotundifolia* Linnaeus
 ***spicata** Linnaeus [M&H; W&S]
 spearmint

- Mentha spicata* Linnaeus var. *viridis* Linnaeus
Mentha viridis Linnaeus
spicata Linnaeus var. *rotundifolia* Linnaeus = *Mentha* ×*rotundifolia* (Linnaeus) Hudson
spicata Linnaeus var. *viridis* Linnaeus = *Mentha spicata* Linnaeus
viridis Linnaeus = *Mentha spicata* Linnaeus
- Moldavica parviflora* (Nuttall) Britton = *Dracocephalum parviflorum* Nuttall
- Monarda** beebalm
 McClintock, E. & C. Epling. 1942. A review of the genus *Monarda*. Univ. Calif. Publ. Bot. 20:147-194.
 Prather, L.A. & J.A. Keith. 2003. *Monarda humilis* (Lamiaceae), a new combination for a species from New Mexico, and a key to the species of section *Cheilyctis*.
 Novon 13:104-109.
 Scora, R. 1967. Interspecific relationships in the genus *Monarda* (Labiatae). Univ. Calif. Publ. Bot. 41:1-59.
 Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. Sida 11(4):455-470. [*Monarda citriodora*]
 Turner, B.L. 1994. Taxonomic treatment of *Monarda* (Lamiaceae) for Texas and Mexico. Phytologia 77:56-79.
austromontana Epling = *Monarda citriodora* Cervantes subsp. *austromontana* (Epling) Scora
citriodora Cervantes ex Lagasca subsp. ***austromontana*** (Epling) Scora [M&H; W&S]
 lemon beebalm
Monarda austromontana Epling
citriodora Cervantes ex Lagasca subsp. ***citriodora*** [Spellenberg et al. 1986; W&S]
 lemon beebalm
Monarda tenuiaristata (Gray) Small
comata Rydberg = *Monarda fistulosa* Linnaeus var. *mentifolia* (Graham) Fernald
fistulosa Linnaeus var. ***mentifolia*** (Graham) Fernald [M&H; W&S]
 Oswego tea
Monarda comata Rydberg
Monarda mentifolia Graham
Monarda stricta Wooton
 +***humilis*** (Torrey) Prather & Keith [Prather & Keith 2003]
 low beebalm
Monarda punctata Linnaeus var. *humilis* Torrey
lasiodonta (Gray) Small = *Monarda punctata* Linnaeus var. *lasiodonta* Gray
mentifolia Graham = *Monarda fistulosa* Linnaeus var. *mentifolia* (Graham) Fernald
pectinata Nuttall [M&H; W&S]
 plains beebalm
punctata Linnaeus var. *humilis* Torrey = *Monarda humilis* (Torrey) Prather & Keith
punctata Linnaeus var. *lasiodonta* Gray : restricted by Turner (1994) as a taxon separate from var. *occidentalis* in eastern and southern Texas.
Monarda lasiodonta (Gray) Small
punctata Linnaeus var. ***occidentalis*** (Epling) Palmer & Steyermark [M&H; W&S]
 spotted beebalm
stricta Wooton = *Monarda fistulosa* Linnaeus var. *mentifolia* (Graham) Fernald
tenuiaristata (Gray) Small = *Monarda citriodora* Cervantes subsp. *citriodora*
- Monardella** mountainbalm
 Epling, C. 1925. Monograph of the genus *Monardella*. Ann. Missouri Bot. Gard. 12:1-106.
odoratissima Benthham [M&H; W&S]
 fragrant mountainbalm
Madronella parvifolia (Greene) Rydberg
Monardella parvifolia Greene
parvifolia Greene = *Monardella odoratissima* Benthham
- Nepeta** catnip
 ****cataria*** Linnaeus [M&H; W&S]
 catnip
- Physostegia** false dragonhead
 Cantino, P.D. 1982. A monograph of the genus *Physostegia* (Labiatae). Contr. Gray Herb. No. 211:1-105.
praemorsa Shinnners = *Physostegia virginiana* (Linnaeus) Benthham subsp. *praemorsa* (Shinnners) Cantino
serotina Shinnners = *Physostegia virginiana* (Linnaeus) Benthham subsp. *praemorsa* (Shinnners) Cantino
virginiana (Linnaeus) Benthham subsp. ***praemorsa*** (Shinnners) Cantino [Cantino 1982; M&H]
 obedient-plant
Physostegia praemorsa Shinnners
Physostegia serotina Shinnners
- Poliomintha** Rosemary-mint
 Irving, R.S. 1972. A revision of the genus *Poliomintha* (Labiatae). Sida 5:8-22.
incana (Torrey) Gray [M&H; W&S]
 hoary Rosemary-mint
Hedeoma incana Torrey
- Prunella** selfheal
vulgaris Linnaeus var. ***lanceolata*** (W. Bart.) Hultén [M&H; W&S]
 selfheal
 Salazaria mexicana Torrey : Reported as expected by M&H map; awaits verification.

Salvia sage

Marley, G.A. & W.L. Wagner. 1981. Noteworthy collections (New Mexico). Madroño 28:41-43. [*Salvia microphylla* var. *wislizeni*]
Sivinski, R. 1997. New plant distribution records. The New Mexico Botanist 5:8. [*Salvia texana*]
Sivinski, R., T. Lowrey, & R. Peterson. 1994. Additions to the native and adventive flora of New Mexico. Phytologia 76(6):473-479. [*Salvia pratensis*]
Spellenberg, R.S., D. Anderson, & R. Brozka. 1993. Noteworthy Collections: New Mexico. Madroño 40:136-138. [*Salvia davidsonii*]
Walker, J.B. & W.J. Elisens. 2001. A revision of *Salvia* section *Heterosphace* (Lamiaceae) in western North America. Sida 19(3):571-589.
Worthington, R.D. 1982. Noteworthy collections (New Mexico-Texas). Madroño 29:217. [*Salvia summa*]

arizonica Gray : Reported as expected by M&H; awaits verification.

azurea Michaux ex Lamarck var. **grandiflora** Bentham [M&H; W&S]

blue sage

Salvia azurea Michaux ex Lamarck subsp. *pitcheri* (Torrey) Epling

Salvia azurea Michaux ex Lamarck var. *pitcheri* (Torrey) Sheldon

Salvia pitcheri Torrey

azurea Michaux ex Lamarck subsp. *pitcheri* (Torrey) Epling = *Salvia azurea* Michaux ex Lamarck var. *grandiflora* Bentham

azurea Michaux ex Lamarck var. *pitcheri* (Torrey) Sheldon = *Salvia azurea* Michaux ex Lamarck var. *grandiflora* Bentham

ballotiflora Bentham var. *pinguifolia* Fernald = *Salvia pinguifolia* (Fernald) Wooton & Standley

columbariae Bentham var. **columbariae** [M&H]

California sage

confinis Fernald = *Salvia parryi* Gray

davidsonii Greenman = *Salvia henryi* Gray

earlei Wooton & Standley = *Salvia farinacea* Bentham

farinacea Bentham [M&H; W&S]

mealy-cup sage

Salvia earlei Wooton & Standley

henryi Gray [M&H; W&S; Walker & Elisens 2001]

crimson sage

Salvia davidsonii Greenman

lancifolia sensu W&S = *Salvia reflexa* Hornemann

lemmonii Gray [M&H; Marley & Wagner 1981]

Lemmon's sage

Salvia microphylla Kunth var. *wislizeni* Gray

lycioides Gray [M&H; W&S]

canyon sage

Salvia ramosissima Fernald

microphylla Kunth var. *wislizeni* Gray = *Salvia lemmonii* Gray

parryi Gray : Reported as expected by M&H map; awaits verification.

Salvia confinis Fernald

pinguifolia (Fernald) Wooton & Standley [M&H; W&S]

rocky sage

Salvia ballotiflora Bentham var. *pinguifolia* Fernald

Salvia vinacea Wooton & Standley

pitcheri Torrey = *Salvia azurea* Lamarck var. *grandiflora* Bentham

***pratensis** Linnaeus [Sivinski et al. 1994]

meadow sage

ramosissima Fernald = *Salvia lycioides* Gray

reflexa Hornemann [M&H; W&S]

lanceleaf sage

Salvia lancifolia sensu W&S

subincisa Bentham [M&H; W&S]

saw-tooth sage

summa A. Nelson [M&H; Walker & Elisens 2001; Worthington 1982]

great sage

texana (Scheele) Torrey [Sivinski 1997]

Texas sage

vinacea Wooton & Standley = *Salvia pinguifolia* (Fernald) Wooton & Standley

Satureja wild-basil

Gleason, H.A. & A. Cronquist. 1991. *Satureja*, pp. 439-440. IN: Manual of the Vascular Plants of Northeastern United States and Adjacent Canada, 2nd ed. New York Botanical Garden.

Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. Sida 11(4):455-470. [*Satureja arkansana*]

arkansana (Nuttall) Briquet [Spellenberg et al. 1986]

limestone wild-basil

Calamintha arkansana (Nuttall) Shinnars

vulgaris (Linnaeus) Fritsch [M&H; W&S]

wild-basil

Clinopodium vulgare Linnaeus

Scutellaria skullcap

Great Plains Flora Association. 1977. Atlas of the Flora of the Great Plains. Iowa State Univ. Press. 600 pp. [*Scutellaria lateriflora*]

Paton, A. 1990. A global taxonomic investigation of *Scutellaria* (Labiatae). Kew Bull. 45:399-450.
Turner, B.L. 1994. A taxonomic overview of *Scutellaria*, section *Resinosa* (Lamiaceae). Phytologia 76(5):345-382.
Turner, B.L. & P.G. Delprete. 1996. Nutlet sculpturing in *Scutellaria* sect. *Resinosa* (Lamiaceae) and its taxonomic utility. Pl. Syst. Evol. 199:109-120.

brittonii Porter [M&H]

Britton's skullcap

drummondii Bentham var. **edwardsiana** B.L. Turner [Turner 1994; M&H; W&S]

Edward's Plateau skullcap

***galericulata** Linnaeus [M&H; W&S]

hooded skullcap

lateriflora Linnaeus [Great Plains Flora Association 1977]

mad dog skullcap

potosina Brandegees var. **tessellata** (Epling) B.L. Turner [M&H; Turner 1994]

Mexican skullcap

Scutellaria resinosa of NM authors

Scutellaria tessellata Epling

resinosa Torrey : Reported by M&H, but NM material referred to *Scutellaria potosina* Brandegees var. *tessellata* (Epling) B.L. Turner (Turner 1994).

tessellata Epling = *Scutellaria potosina* Brandegees var. *tessellata* (Epling) B.L. Turner

wrightii Gray : Not yet known from NM (Turner 1994).

Stachys hedge-nettle

coccinea Jacquin [M&H; W&S]

scarlet hedge-nettle

palustris Linnaeus subsp. *pilosa* (Nuttall) Epling = *Stachys pilosa* Nuttall var. *pilosa*

pilosa Nuttall var. **pilosa** [M&H; W&S]

hairy hedge-nettle

Stachys palustris Linnaeus subsp. *pilosa* (Nuttall) Epling

Stachys scopulorum Greene

rothrockii Gray [M&H; W&S]

Rothrock's hedge-nettle

scopulorum Greene = *Stachys palustris* Linnaeus subsp. *pilosa* (Nuttall) Epling

Teucrium germander

McClintock, E. & C. Epling. 1946. A revision of *Teucrium* in the New World, with observations on its variation, geographical distribution and history. Brittonia 5:491-510.

canadense Linnaeus var. **angustatum** Gray [M&H]

American germander

canadense Linnaeus var. **occidentale** (Gray) McClintock & Epling [M&H; W&S]

American germander

Teucrium occidentale Gray

cubense Jacquin var. **densum** Jepson [M&H]

coastal germander

Teucrium depressum Small

depressum Small = *Teucrium cubense* Jacquin var. *densum* Jepson

laciniatum Torrey [M&H; W&S]

lacy germander

Melosmon laciniatum (Torrey) Small

occidentale Gray = *Teucrium canadense* Linnaeus var. *occidentale* (Gray) McClintock & Epling

Trichostema bluecurls

Lewis, H. 1945. A revision of the genus *Trichostema*. Brittonia 5:276-303.

arizonicum Gray [M&M; W&S]

Arizona bluecurls

brachiatum Linnaeus = *Isanthus brachiatus* (Linnaeus) Britton, Sterns, & Poggenburg

Family LEGUMINOSAE = FABACEAE

Family LENTIBULARIACEAE

[Pinquiculaceae]

Utricularia bladderwort

Johnson, W.T. 1987. Bladderwort, Arizona's carnivorous wildflower. Desert Plants 8(3):140-141.

Taylor, P. 1989. The genus *Utricularia* - a taxonomic monograph. Kew Bull., Addit. Ser. 14:1-724.

macrorhiza LeConte [M&H; W&S]

greater bladderwort

Utricularia vulgaris of North American reports

vulgaris of North American reports = *Utricularia macrorhiza* LeConte

Family LINACEAE

Chaptalia aristatum (Engelmann) Small = *Linum aristatum* Engelmann

australe (Heller) Small = *Linum aristatum* Engelm var. *australe* (Heller) Kearney & Peebles
berlandieri (Hooker) Small = *Linum berlandieri* Hooker
neomexicanum (Greene) Small = *Linum neomexicanum* Greene
puberulum (Engelmann) Small = *Linum puberulum* (Engelmann) Heller
rigidum (Pursh) Small = *Linum rigidum* Pursh var. *rigidum*
vernale (Wooton) Small = *Linum vernale* Wooton
vestitum Wooton & Standley = *Linum puberulum* (Engelmann) Heller

Linum flax

Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4. [*L. subteres*]

Mosquin, T. 1971. Biosystematic studies in the North American species of *Linum*, section *Adenolinum* (Linaceae). Can. J. Bot. 49:1379-1388.

Rogers, C.M. 1968. Yellow-flowered species of *Linum* in Central America and western North America. Brittonia 20:107-135.

Rogers, C.M. 1984. Linaceae. N. Amer. Fl. II. 12:1-58.

aristatum Engelm [M&H; W&S]

bristle flax

Cathartolinum aristatum (Engelmann) Small

aristatum Engelm var. *australe* (Heller) Kearney & Peebles = *Linum australe* Heller var. *australe*

australe Heller var. **australe** [M&H; W&S]

southern flax

Cathartolinum australe (Heller) Small

Linum aristatum Engelm var. *australe* (Heller) Kearney & Peebles

berlandieri Hooker [M&H; W&S]

Berlandier's yellow-flax

Cathartolinum berlandieri (Hooker) Small

Linum rigidum Pursh var. *berlandieri* (Hooker) Torrey & Gray

compactum A. Nelson [Great Plains Flora Association 1977] Note: This species not reported for NM by Rogers (1984); perhaps merits verification.

Wyoming flax

Linum rigidum Pursh var. *compactum* (A. Nelson) Rogers

hudsonioides Planchon [M&H]

Texas flax

lewisii Pursh [M&H; W&S]

prairie flax

Linum perenne Linnaeus var. *lewisii* (Pursh) Eaton & J. Wright

neomexicanum Greene [M&H; W&S]

New Mexico yellow flax

Cathartolinum neomexicanum (Greene) Small

perenne Linnaeus var. *lewisii* (Pursh) Eaton & J. Wright = *Linum lewisii* Pursh

pratense (Norton) Small [M&H]

meadow flax

puberulum (Engelmann) Heller [M&H; W&S]

plains flax

Cathartolinum puberulum (Engelmann) Small

Cathartolinum vestitum Wooton & Standley

rigidum Pursh var. *berlandieri* (Hooker) Torrey & Gray = *Linum berlandieri* Hooker

rigidum Pursh var. *compactum* (A. Nelson) Rogers = *Linum compactum* A. Nelson

rigidum Pursh var. **rigidum** [M&H]

large yellow-flax

Cathartolinum rigidum (Pursh) Small

rupestre (Gray) Engelm ex Gray [Rogers 1968]

rock flax

schiedeanum Schlechtendal & Chamisso [M&H; Rogers 1968]

Schiede's flax

subteres (Trelease) Winkler : Reported by Heil et al. (2002), but the plant in question has been subsequently determined to be *Linum aristatum* Engelm.

***usitatissimum** Linnaeus [M&H]

cultivated flax

vernale Wooton [M&H; W&S]

Chihuahuan flax

Cathartolinum vernale (Wooton) Small

Family LOASACEAE

Acrolasia albicaulis (Douglas) Rydberg = *Mentzelia albicaulis* Douglas

parviflora (Heller) Heller = *Mentzelia albicaulis* Douglas

Bartonia decapetala Pursh ex Sims = *Mentzelia decapetala* (Pursh) ex Sims Urban

multiflora Nuttall = *Mentzelia multiflora* (Nuttall) Gray

nuda Pursh = *Mentzelia nuda* (Pursh) Torrey & Gray var. *nuda*

- pumila* Nuttall ined. = *Mentzelia pumila* Nuttall ex Torrey & Gray var. *pumila*
- Cevallia** stinging-serpent
- sinuata** Lagasca
stinging-serpent
- Mentzelia** blazingstar, stickleaf
- Atwood, N.D. & S.L. Welsh. 2005. New species of *Mentzelia* (Loasaceae) and *Phacelia* (Hydrophyllaceae) from New Mexico. *Western North American Naturalist* 65(3):365-370. [*Mentzelia todiltoensis*]
- Darlington, J. 1934. A monograph of the genus *Mentzelia*. *Ann. Missouri Bot. Gard.* 21:103-225.
- Holmgren, N.H., P.K. Holmgren, & A. Cronquist. 2005. Loasaceae, p. 81-118. IN: Holmgren, N.H., P.K. Holmgren, & A. Cronquist. *Intermountain Flora*, vol. 2, pt. B.
- Sivinski, R. 1998. New plant distribution records. *The New Mexico Botanist* 7:6. [*Mentzelia marginata*]
- Sivinski, R.C. 1998. Review and resurrection of *Mentzelia springeri* (Loasaceae). *New Mexico Naturalist's Notes* 1(2):43-45.
- Spellenberg, R. & T. Wooten. 1999. Vascular plants on a gypsum outcrop in southern New Mexico: A listing, a new variety and taxonomic realignments in the *Anulocaulis leiosolenus* complex (Nyctaginaceae), and a new variety of *Mentzelia humilis* (Loasaceae). *Sida* 18(4):987-999.
- Thompson, H.J. & A.M. Powell. 1981. Loasaceae of the Chihuahuan Desert region. *Phytologia* 49(1):16-32.
- Thompson, H.J. & J.R. Zavortink. 1970. Loasaceae, pp. 1082-1087. IN: *Manual of the Vascular Plants of Texas*. Renner, Texas.
- Todsen, T.K. 1999. A new endemic species of *Mentzelia* sect. *Bartonia* (Loasaceae) from New Mexico. *Sida* 18(3):819-822. [*Mentzelia conspicua*]
- albicaulis** Douglas ex Hooker [M&H; W&S]
white-stem blazingstar
Acrolasia albicaulis (Douglas ex Hooker) Rydberg
Acrolasia parviflora (Heller) Heller
Mentzelia parviflora Heller
- asperula** Wooton & Standley [M&H; Thompson & Powell 1981]
Organ Mountain blazingstar
- +conspicua** T.K. Todsen [Todsen 1999]
cronquistii H.J. Thompson & Prigge = *Mentzelia marginata* (Osterhout) H.J. Thompson & Prigge var. *cronquistii* (H.J. Thompson & Prigge) N.H. Holmgren & P.K. Holmgren
- decapetala** (Pursh ex Sims) Urban & Gilg ex Gilg [M&H; W&S]
gumbo-lily
Bartonia decapetala Pursh
Nuttallia decapetala (Pursh) Greene
- +humilis** (Gray) J. Darlington var. **guadalupensis** Spellenberg. [Spellenberg & Wooten 1999]
gypsum blazingstar
- humilis** (Gray) J. Darlington var. **humilis** [M&H; W&S]
gypsum blazingstar
Mentzelia multiflora (Nuttall) Gray var. *humilis* Gray, not *Acrolasia humilis* Osterhout
Nuttallia gypsea Wooton & Standley
Nuttallia humilis (Gray) Rydberg
- integra* (M.E. Jones) Tidestrom = *Mentzelia pumila* Nuttall ex Torrey & Gray var. *integra* M.E. Jones
- laciniata** (Rydberg) J. Darlington [M&H; W&S]
cut-leaf blazingstar
Nuttallia laciniata (Rydberg) Wooton & Standley
- marginata** (Osterhout) Thompson & Prigge var. **cronquistii** (H.J. Thompson & Prigge) N.H. Holmgren & P.K. Holmgren [Holmgren et al. 2005; Sivinski 1998]
Cronquist's blazingstar
Mentzelia cronquistii H.J. Thompson & Prigge
- monosperma* Wooton & Standley = *Mentzelia oligosperma* Nuttall
- multicaulis* (Osterhout) A. Nelson ex J. Darlington : Sivinski (1997, pers. comm.) contends that the single record of *Mentzelia multicaulis* is a misapplication of that name to plants of *Mentzelia springeri* (Standley) Tidestrom
Nuttallia multicaulis Osterhout
- multiflora** (Nuttall) Gray [M&H; Thompson & Powell 1981; W&S]
Adonis blazingstar
Bartonia multiflora Nuttall
Mentzelia pumila Nuttall ex Torrey & Gray var. *multiflora* (Nuttall) Urban & Gilg
Nuttallia multiflora (Nuttall) Greene
- multiflora* (Nuttall) Gray var. *integra* M.E. Jones = *Mentzelia pumila* Nuttall ex Torrey & Gray var. *integra* (M.E. Jones) Kearney & Peebles
- nuda** (Pursh) Torrey & Gray var. **nuda** [M&H; W&S]
goodmother
Bartonia nuda Pursh
Nuttallia nuda (Pursh) Greene
- nuda** (Pursh) Torrey & Gray var. **stricta** (Osterhout) Harrington [M&H; W&S]
goodmother
Nuttallia stricta (Osterhout) Greene
- oligosperma** Nuttall ex Sims [M&H; Thompson & Powell 1981; W&S]
chicken-thief
Mentzelia monosperma Wooton & Standley
- parviflora* Heller = *Mentzelia albicaulis* Douglas ex Hooker

- +perennis** Wooton [M&H; W&S]
Wooton's blazingstar
Nuttallia perennis (Wooton) Cockerell
- pumila** Nuttall ex Torrey & Gray var. **integra** M.E. Jones [M&H; W&S]
golden blazingstar
Mentzelia integra (M.E. Jones) Tidestrom
Mentzelia multiflora (Nuttall) Gray var. *integra* (M.E. Jones) Kearney & Peebles
Nuttallia integra (M.E. Jones) Rydberg
- pumila* Nuttall ex Torrey & Gray var. *multiflora* (Nuttall) Urban & Gilg = *Mentzelia multiflora* (Nuttall) Gray
- pumila** Nuttall ex Torrey & Gray var. **procera** (Wooton & Standley) J. Darlington [M&H; W&S]
golden blazingstar
Nuttallia procera Wooton & Standley
- pumila** Nuttall ex Torrey & Gray var. **pumila** [M&H]
golden blazingstar
Bartonia pumila Nuttall ined.
Nuttallia pumila (Nuttall ex Torrey & Gray) Greene
- reverchonii** (Urban & Gilg) Thompson & Zavortink [Thompson & Zavortink 1970]
Reverchon's blazingstar
- rusbyi** Wooton [M&H; W&S]
Rusby's blazingstar
Nuttallia rusbyi (Wooton) Rydberg
- speciosa** Osterhout [W&S] Note: This species was not treated by M&H; perhaps warrants verification.
showy blazingstar
Nuttallia speciosa (Osterhout) Greene
- +springeri** (Standley) Tidestrom [Sivinski 1998; W&S]
Santa Fe blazingstar
Nuttallia springeri Standley
- stricta* (Osterhout) G.W. Stevens ex Jeffs & Little = *Mentzelia nuda* (Pursh) Torrey & Gray var. *stricta* (Osterhout) Harrington
- strictissima** (Wooton & Standley) J. Darlington [M&H; W&S]
grassland blazingstar
Nuttallia strictissima Wooton & Standley
- +todiltoensis** Atwood & Welsh [Atwood & Welsh 2005]
Todilto stickleaf
- thompsonii** Glad [Holmgren et al. 2005]
Thompson's stickleaf
Acrolasia humilis Osterhout, not *Mentzelia humilis* (Gray) J. Darlington or *Mentzelia humilis* (Gray) J. Darlington
- Nuttallia decapetala* (Pursh) Greene = *Mentzelia decapetala* (Pursh) Urban & Gilg
gypsea Wooton & Standley = *Mentzelia humilis* (Gray) J. Darlington var. *humilis*
humilis (Gray) Rydberg = *Mentzelia humilis* (Gray) J. Darlington var. *humilis*
integra (M.E. Jones) Rydberg = *Mentzelia pumila* Nuttall ex Torrey & Gray var. *integra* M.E. Jones
laciniata (Rydberg) Wooton & Standley = *Mentzelia laciniata* (Rydberg) J. Darlington
multicaulis Osterhout = *Mentzelia multicaulis* (Osterhout) A. Nelson ex J. Darlington
multiflora (Nuttall) Greene = *Mentzelia pumila* Nuttall ex Torrey & Gray var. *multiflora* (Nuttall) Urban & Gilg
nuda (Pursh) Greene = *Mentzelia nuda* (Pursh) Torrey & Gray
perennis (Wooton) Cockerell = *Mentzelia perennis* Wooton
procera Wooton & Standley = *Mentzelia pumila* Nuttall ex Torrey & Gray var. *procera* (Wooton & Standley) J. Darlington
pumila (Nuttall ex Torrey & Gray) Greene = *Mentzelia pumila* Nuttall ex Torrey & Gray var. *pumila*
rusbyi (Wooton) Rydberg = *Mentzelia rusbyi* Wooton
speciosa (Osterhout) Greene = *Mentzelia speciosa* Osterhout
springeri Standley = *Mentzelia springeri* (Standley) Tidestrom
speciosa (Osterhout) Greene = *Mentzelia speciosa* Osterhout
stricta (Osterhout) Greene = *Mentzelia nuda* (Pursh) Torrey & Gray var. *stricta* (Osterhout) Harrington
strictissima Wooton & Standley = *Mentzelia strictissima* (Wooton & Standley) J. Darlington

Family LOBELIACEAE = CAMPANULACEAE

Family LOGANIACEAE

Buddleja = see BUDDLEJACEAE

Mitreola hornpod

Rogers, G.K. 1986. The genera of Loganiaceae in the southeastern United States. *J. Arnold Arbor.* 67(2):143-185. [*Mitreola sessilifolia*]

sessilifolia (J.F. Gmelin) G. Don [Rogers 1986] Note: Though reported by Rogers (1986), this occurs in east Texas and eastward; perhaps needs verification.

swamp hornpod

Family LORANTHACEAE sensu stricto : not in NM; see VISCACEAE

Family LYTHRACEAE

Ammannia redstem

Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Ammannia coccinea*]
Graham, S.A. 1985. A revision of *Ammannia* (Lythraceae) in the Western Hemisphere. J. Arnold Arbor. 66:395-420.
auriculata Willdenow [Graham 1985; M&H]

eared redstem

coccinea Rottboell [Allred 1999]

valley redstem

Cuphea waxweed

Todsen, T.K. 1982. Noteworthy collections (New Mexico). Madroño 29:60. [*Cuphea wrightii*]

wrightii Gray [M&H]

Wright's waxweed

Lythrum loosestrife

Lee, R. 1999. New Mexico's Invasive Weeds. New Mexico State Univ. Coop. Ext. Serv. [*Lythrum salicaria*]

californicum Torrey & Gray [M&H]

California loosestrife

linearifolium (Gray) Small : Reported by W&S, but NM plants belong to *Lythrum californicum* Torrey & Gray (M&H).

**salicaria* Linnaeus [Lee 1999]

purple loosestrife

Nesaea stalkflower

Graham, S.A. 1977. The American species of *Nesaea* (Lythraceae) and their relationships to *Heimia* and *Decodon*. Syst. Bot. 2:61-71.

longipes Gray [Graham 1977]

stalkflower

Rotala toothcup

Sivinski, R. 2002. New plant distribution reports. The New Mexico Botanist 24:7. [*R. ramosior*]

ramosior (Linnaeus) Koehne [Sivinski 2002]

lowland toothcup

Family MALACEAE = ROSACEAE

Family MALPIGHIACEAE

Aspicarpa asp-head

Todsen, T.K. 1982. Noteworthy collections (New Mexico). Madroño 29:60. [*Aspicarpa hirtella*]

hirtella L.C.M. Richard [Todsen 1982]

chaparral asp-head

longipes Gray : Reported as expected by M&H; awaits verification.

Janusia propeller-plant

gracilis Gray [M&H; W&S]

propeller-plant

Family MALVACEAE

Fryxell, P.A. 1988. Malvaceae of Mexico. Syst. Bot. Monogr. 25:1-522.

Fryxell, P.A. 1994. Malvaceae. J. Ariz.-Nev. Acad. Sci. 27(2):222-236.

Abutilon Indian-mallow

Carter, J. 1996. New plant distribution records. The New Mexico Botanist 2:5. [*Abutilon incanum* subsp. *pringlei*]

Peterson, R.S. & R. Spellenberg. 2005. *Abutilon* (Malvaceae) in and near New Mexico. The New Mexico Botanist 32:6-7.

abutiloides (Jacquin) Arcke ex Britton & Wilson : Present in Arizona, just a few km west of the NM state line; to be expected.

crispum (Linnaeus) Sweet = *Herissantia crispa* (Linnaeus) Brizicky

fruticosum Guillemin & Perrottet [Peterson & Spellenberg 2005]

shrubby Indian-mallow

Abutilon texense Torrey & Gray

incanum (Link) Sweet [M&H; W&S]

pelotazo

Abutilon incanum (Link) Sweet subsp. *pringlei* (Hochreutiner) Felger & Lowe

Sida incana Link

incanum (Link) Sweet subsp. *pringlei* (Hochreutiner) Felger & Lowe = *Abutilon incanum* (Link) Sweet

malacum S. Watson [M&H; W&S]

yellow Indian-mallow

mollicomum (Willdenow) Sweet [Fryxell 1988, 1994]

Sonoran Indian-mallow

Abutilon sonorae Gray

parvulum Gray [M&H; W&S]

dwarf Indian-mallow

pinkavae P. Fryxell : Present just 9 km south of NM in Chihuahua; to be expected.

sonorae Gray = *Abutilon mollicomum* (Willdenow) Sweet

texense Torrey & Gray = *Abutilon fruticosum* Guillemin & Perrottet

***theophrasti** Medikus [M&H]
 velvetleaf
Sida abutilon Linnaeus
wrightii Gray [M&H]
 Wright's Indian-mallow
Alcea hollyhock
 Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. *Sida* 11(4):455-470. [*Althaea rosea*]
***rosea** Linnaeus [Spellenberg et al. 1986]
 hollyhock
Althaea rosea (Linnaeus) Cavanilles
Allowissadula Indian-mallow
 Bates, D.M. 1978. *Allowissadula*, a new genus of North American Malvaceae. *Gentes Herbarium* 11(5):329-354.
 Spellenberg, R. 1996. New plant distribution records. *The New Mexico Botanist* 4:8. [*Allowissadula holosericea*]
holosericea (Scheele) Bates [Spellenberg 1996]
 Chisos Mountain Indian-mallow
Althaea rosea (Linnaeus) Cavanilles = *Alcea rosea* Linnaeus
Anoda anoda
 Fryxell, P.A. 1987. A revision of *Anoda* Cavanilles (Malvaceae). *Aliso* 11:485-522.
arizonica Gray var. *digitata* Gray = *Anoda cristata* (Linnaeus) Schlectendal
cristata (Linnaeus) Schlectendal [M&H; W&S]
 spurred anoda
Anoda arizonica Gray var. *digitata* Gray
Anoda cristata (Linnaeus) Schlechtendal var. *digitata* (Gray) Hochreutiner
Sida cristata Linnaeus
Anoda lavaterioides Medikus
cristata (Linnaeus) Schlechtendal var. *digitata* (Gray) Hochreutiner = *Anoda cristata* (Linnaeus) Schlectendal
lanceolata Hooker & Arnott [M&H; W&S]
 lance-leaf anoda
Anoda wrightii Gray
lavaterioides Medikus = *Anoda cristata* (Linnaeus) Schlectendal
pentaschista Gray [M&H; W&S]
 field anoda
Sidanoda pentaschista (Gray) Wooton & Standley
thurberi Gray : Reported as expected by M&H map; awaits verification.
wrightii Gray = *Anoda lanceolata* Hooker & Arnott
Bogenhardia crispa (Linnaeus) Kearney = *Herissantia crispa* (Linnaeus) Brizicky
Callirhoe poppy-mallow
alcaeoides (Michaux) Gray [M&H; W&S]
 light poppy-mallow
Sida alcaeoides Michaux
involucrata (Torrey & Gray) Gray [M&H; W&S]
 wine-cups
Malva involucrata Torrey & Gray
Disella hederacea (Douglas) Greene = *Malvella leprosa* (Ortega) Krapovickas
lepidota (Gray) Greene = *Malvella lepidota* (Gray) Fryxell
sagittifolia (Gray) Greene = *Malvella sagittifolia* (Gray) Fryxell
Gayoides crispum (Linnaeus) Small = *Herissantia crispa* (Linnaeus) Brizicky
Herissantia bladder-mallow
 Brizicky, G.K. 1968. *Herissantia*, *Bogenhardia*, and *Gayoides* (Malvaceae). *J. Arnold Arbor.* 49:278-279.
crispa (Linnaeus) Brizicky [M&H; W&S]
 bladder-mallow
Abutilon crispum (Linnaeus) Sweet
Bogenhardia crispa (Linnaeus) Kearney
Gayoides crispum (Linnaeus) Small
Sida crispa Linnaeus
Hibiscus rose-mallow
 Fryxell, P.A. 1980. a revision of the American species of *Hibiscus* sect. *Bombicella*. U.S.D.A. Tech. Bull. 1624:1-53.
biseptus S. Watson : Reported questionably by Kartesz (1999); awaits verification.
coulteri Harvey ex Gray [M&H]
 desert rose-mallow
denudatus Bentham [M&H; W&S]
 palefaces
Hibiscus denudatus Bentham var. *involucellatus* Gray
Hibiscus involucellatus (Gray) Wooton & Standley
denudatus Bentham var. *involucellatus* Gray = *Hibiscus denudatus* Bentham
involucellatus (Gray) Wooton & Standley = *Hibiscus denudatus* Bentham
lasiocarpus Cavanilles [M&H; W&S]

crimson-eye rose-mallow
***trionum** Linnaeus [M&H; W&S]
 flower-of-an-hour
Trionum trionum (Linnaeus) Wooton & Standley

Iliamna
 wild-hollyhock
grandiflora (Rydberg) Wiggins [M&H; W&S]
 wild-hollyhock
Phymosia grandiflora Rydberg
Sphaeralcea grandiflora Rydberg

Malva
 cheeseweed
***crispa** (Linnaeus) Linnaeus [M&H; W&S]
 crisp cheeseweed
Malva verticillata Linnaeus var. *crispa* Linnaeus
hederacea Douglas = *Malvella leprosa* (Ortega) Krapovickas
involucrata Torrey & Gray = *Callirhoe involucrata* (Torrey & Gray) Gray
***neglecta** Wallroth [M&H]
 dwarf cheeseweed
Malva rotundifolia of NM authors
***parviflora** Linnaeus [M&H; W&S]
 small-flower cheeseweed
rotundifolia of NM authors = *Malva neglecta* Wallroth
***sylvestris** Linnaeus [M&H; W&S]
 tall cheeseweed
verticillata Linnaeus var. *crispa* Linnaeus = *Malva crispa* Linnaeus
Malvastrum coccineum (Pursh) Gray = *Sphaeralcea coccinea* (Pursh) Rydberg var. *coccinea*
digitatum Greene = *Sphaeralcea digitata* (Greene) Rydberg var. *digitata*
elatum (Baker) A. Nelson = *Sphaeralcea coccinea* (Pursh) Rydberg var. *elata* (Baker) Kearney
leptophyllum Gray = *Sphaeralcea leptophylla* (Gray) Rydberg
micranthum Wooton & Standley = *Sphaeralcea coccinea* (Pursh) Rydberg var. *coccinea*

Malvella
 mallow
 Fryxell, P.A. 1974. The North American Malvellas. Southw. Naturalist 19:97-103.
lepidota (Gray) Fryxell [Fryxell 1974; M&H; W&S]
 scurfy mallow
Disella lepidota (Gray) Greene
Sida lepidota Gray
Sida lepidota Gray var. *depauperata* Gray
Sida leprosa (Ortega) K. Schumann var. *depauperata* (Gray) I. Clement
leprosa (Ortega) Krapovickas [Fryxell 1974; W&S]
 alkali mallow
Disella hederacea (Douglas) Greene
Malva hederacea Douglas
Sida hederacea (Doubl.) Torrey
Sida leprosa (Ortega) K. Schumann
sagittifolia (Gray) Fryxell [Fryxell 1974; M&H; W&S]
 arrow-leaf mallow
Disella sagittifolia (Gray) Greene
Sida lepidota Gray var. *sagittifolia* Gray
Sida leprosa (Ortega) K. Schumann var. *sagittifolia* (Gray) I. Clement
Sida sagittifolia (Gray) Rydberg
Phymosia grandiflora Rydberg = *Iliamna grandiflora* (Rydberg) Wiggins

Rhynchosida
 buff-petal
physocalyx (Gray) Fryxell [M&H; W&S]
 buff-petal
Sida hastata St. Hilaire
Sida physocalyx Gray

Sida
 fan-petal
 Fryxell, P.A. 1985. *Sida sidarum* V. The North and Central American species of *Sida*. *Sida* 11:62-91.
***abutifolia** Miller [Fryxell 1985; M&H; W&S]
 spreading fan-petal
Sida diffusa Humboldt, Bonpland, & Kunth
Sida filicaulis Torrey & Gray
Sida procumbens Swartz
abutilon Linnaeus = *Abutilon theophrasti* Medikus
alcaeoides Michaux = *Callirhoe alcaeoides* (Michaux) Gray
angustifolia Lamarck = *Sida spinosa* Linnaeus var. *angustifolia* (Lamarck) Grisebach
crispa Linnaeus = *Herissantia crispa* (Linnaeus) Brizicky
cristata Linnaeus = *Anoda cristata* (Linnaeus) Schlectendal

diffusa Humboldt, Bonpland, & Kunth = *Sida abutifolia* Miller
filicaulis Torrey & Gray = *Sida abutifolia* Miller
hastata St. Hilaire = *Rhynchosida physocalyx* (Gray) Fryxell
hederacea (Douglas) Torrey = *Malvella leprosa* (Ortega) Krapovickas
incana Link = *Abutilon incanum* (Link) Sweet
lepidota Gray = *Malvella lepidota* (Gray) Fryxell
leprosa (Ortega) K. Schumann s.s. = *Malvella leprosa* (Ortega) Krapovickas
leprosa (Ortega) K. Schumann var. *depauperata* (Gray) I. Clement = *Malvella lepidota* (Gray) Fryxell
leprosa (Ortega) K. Schumann var. *sagittifolia* (Gray) I. Clement = *Malvella sagittifolia* (Gray) Fryxell
neomexicana Gray [M&H; W&S]

New Mexico fan-petal

physocalyx Gray = *Rhynchosida physocalyx* (A. Gray) Fryxell

procumbens Swartz = *Sida abutifolia* Miller

sagittifolia (Gray) Rydberg = *Malvella sagittifolia* (Gray) Fryxell

spinosa Linnaeus var. *angustifolia* (Lamarck) Grisebach : Reported as expected by M&H; awaits verification.

Sida angustifolia Lamarck

Sidalcea checker-mallow

candida Gray var. ***candida*** [M&H; W&S]

white checker-mallow

neomexicana Gray [M&H; W&S]

New Mexico checker-mallow

Sidalcea parviflora Greene var. *thurberi* Robinson ex Gray

Sidalcea neomexicana Gray var. *parviflora* (Greene) Murray

parviflora Greene var. *thurberi* Robinson ex Gray = *Sidalcea neomexicana* Gray

neomexicana Gray var. *parviflora* (Greene) Murray = *Sidalcea neomexicana* Gray

Sidanoda pentachista (Gray) Wootton & Standley = *Anoda pentachista* Gray

Sphaeralcea globemallow

Kearney, T.H. 1935. The North American species of *Sphaeralcea*, subgenus *Eusphaeralcea*. Univ. Calif. Publ. Bot. 19:1-128.

LaDuke, J.C. 1985. A new species of *Sphaeralcea* from New Mexico. Southw. Naturalist 30:433-436. [*Sphaeralcea polychroma*]

LaDuke, J.C. & D.K. Northington. 1978. The systematics of *Sphaeralcea coccinea* (Nuttall) Rydberg (Malvaceae). Southw. Natural. 23:651-660.

Shinners, L.H. 1964. Three new varietal names in *Sphaeralcea* (Malvaceae). Sida 1(6):384-385.

angustifolia (Cavanilles) G. Don [M&H; W&S]

copper globemallow

Sphaeralcea angustifolia (Cavanilles) G. Don var. *cuspidata* Gray

Sphaeralcea angustifolia (Cavanilles) G. Don var. *lobata* (Wootton) Kearney

Sphaeralcea angustifolia (Cavanilles) G. Don var. *oblongifolia* (Gray) Shinners

Sphaeralcea cuspidata (Gray) Britton

Sphaeralcea incana Torrey var. *oblongifolia* Gray

Sphaeralcea lobata Wootton

angustifolia (Cavanilles) G. Don var. *cuspidata* Gray = *Sphaeralcea angustifolia* (Cavanilles) G. Don

angustifolia (Cavanilles) G. Don var. *lobata* (Wootton) Kearney = *Sphaeralcea angustifolia* (Cavanilles) G. Don

angustifolia (Cavanilles) G. Don var. *oblongifolia* (Gray) Shinners = *Sphaeralcea angustifolia* (Cavanilles) G. Don

arenaria Wootton & Standley = *Sphaeralcea hastulata* Gray

arizonica Heller = *Sphaeralcea parvifolia* A. Nelson

coccinea (Nuttall) Rydberg var. ***coccinea*** [M&H; W&S]

scarlet globemallow

Malvastrum coccineum (Nuttall) Gray

Malvastrum micranthum Wootton & Standley

Sphaeralcea coccinea (Nuttall) Rydberg var. *dissecta* (Nuttall) Garrett

Sphaeralcea dissecta (Nuttall) Rydberg

coccinea (Nuttall) Rydberg var. *dissecta* (Nuttall) Garrett = *Sphaeralcea coccinea* (Nuttall) Rydberg var. *coccinea*

coccinea (Nuttall) Rydberg var. ***elata*** (Baker) Kearney [M&H; W&S]

scarlet globemallow

Malvastrum elatum (Baker) A. Nelson

cuspidata (Gray) Britton = *Sphaeralcea angustifolia* (Cavanilles) G. Don

digitata (Greene) Rydberg var. ***digitata*** [M&H]

juniper globemallow

Malvastrum digitatum Greene

digitata (Greene) Rydberg var. ***tenuipes*** (Wootton & Standley) Kearney [M&H; W&S]

juniper globemallow

Sphaeralcea tenuipes Wootton & Standley

dissecta (Nuttall) Rydberg = *Sphaeralcea coccinea* (Nuttall) Rydberg var. *coccinea*

emoryi Torrey ex Gray [M&H]

Emory's globemallow

fendleri Gray var. ***elongata*** Kearney [M&H]

Fendler's globemallow

fendleri Gray var. ***fendleri*** [M&H; W&S]

Fendler's globemallow
Sphaeralcea leiocarpa Wooton & Standley
fendleri Gray var. **tripartita** (Wooton & Standley) Kearney [M&H; W&S]
 Fendler's globemallow
Sphaeralcea tripartita Wooton & Standley
glabrescens Wooton & Standley = *Sphaeralcea hastulata* Gray
grandiflora Rydberg = *Iliamna grandiflora* (Rydberg) Wiggins
grossulariifolia (Hooker & Arnott) Rydberg var. **pedata** (Torrey ex Gray) Kearny [M&H; W&S]
 goose-berry globemallow
Sphaeralcea pedata Torrey
hastulata Gray [M&H; W&S]
 wrinkled globemallow
Sphaeralcea arenaria Wooton & Standley
Sphaeralcea glabrescens Wooton & Standley
Sphaeralcea martii Cockerell
Sphaeralcea pumila Wooton & Standley
Sphaeralcea simulans Wooton & Standley
Sphaeralcea subhastata Coulter var. *connata* Kearney
Sphaeralcea subhastata Coulter var. *latifolia* Kearney
Sphaeralcea subhastata Coulter var. *martii* (Cockerell) Kearney
Sphaeralcea subhastata Coulter var. *pumila* (Wooton & Standley) Kearney
Sphaeralcea subhastata Coulter var. *subhastata*
incana Torrey ex Gray var. **cuneata** Kearney [M&H]
 soft globemallow
incana Torrey ex Gray var. **incana** [M&H; W&S]
 soft globemallow
incana Torrey var. *oblongifolia* Gray = *Sphaeralcea angustifolia* (Cavanilles) G. Don
laxa Wooton & Standley [M&H; W&S]
 caliche globemallow
Sphaeralcea ribifolia Wooton & Standley
leiocarpa Wooton & Standley = *Sphaeralcea fendleri* Gray var. *fendleri*
leptophylla (Gray) Rydberg [M&H; W&S]
 scaly globemallow
Malvastrum leptophyllum Gray
lobata Wooton = *Sphaeralcea angustifolia* (Cavanilles) G. Don
marginata York = *Sphaeralcea parvifolia* A. Nelson
martii Cockerell = *Sphaeralcea hastulata* Gray
parvifolia A. Nelson [M&H; W&S]
 small-leaf globemallow
Sphaeralcea arizonica Heller
Sphaeralcea marginata York
pedata Torrey = *Sphaeralcea grossulariifolia* (Hooker & Arnott) Rydberg var. *pedata* (Torrey ex Gray) Kearny
polychroma La Duke [La Duke 1985]
 Hot Springs globemallow
+procera Porter [M&H]
 Luna County globemallow
pumila Wooton & Standley = *Sphaeralcea hastulata* Gray
ribifolia Wooton & Standley = *Sphaeralcea laxa* Wooton & Standley
simulans Wooton & Standley = *Sphaeralcea hastulata* Gray
subhastata Coulter var. *connata* Kearney = *Sphaeralcea hastulata* Gray
subhastata Coulter var. *latifolia* Kearney = *Sphaeralcea hastulata* Gray
subhastata Coulter var. *martii* (Cockerell) Kearney = *Sphaeralcea hastulata* Gray
subhastata Coulter var. *pumila* (Wooton & Standley) Kearney = *Sphaeralcea hastulata* Gray
subhastata Coulter var. *subhastata* = *Sphaeralcea hastulata* Gray
tenuipes Wooton & Standley = *Sphaeralcea digitata* (Greene) Rydberg var. *tenuipes* (Wooton & Standley) Kearney
tripartita Wooton & Standley = *Sphaeralcea fendleri* Gray var. *tripartita* (Wooton & Standley) Kearney
wrightii Gray [M&H]
 Wright's globemallow
Trionum trionum (Linnaeus) Wooton & Standley = *Hibiscus trionum* Linnaeus

Family MARTYNIACEAE = PEDALIACEAE

Family MELIACEAE

Pennington, T.D. 1981. Meliaceae. Flora Neotrop. Monogr. 28.

Melia Chinaberry tree
 ***azedarach** Linnaeus [M&H; W&S]

Chinaberry tree, pride-of-India

Family MENTHACEAE = LAMIACEAE

Family MENYANTHACEAE

Menyanthes buckbean

McGrath, J. 1999. New plant distribution records. The New Mexico Botanist 10:7. [*Menyanthes trifoliata*]

trifoliata Linnaeus [McGrath 1999]

buckbean

Family MIMOSACEAE = FABACEAE

Family MOLLUGINACEAE

Vincent, M.A. 2003. Molluginaceae, pp. 509-512. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

Mollugo carpetweed

***cerviana** (Linnaeus) Seringe [M&H; Vincent 2001; W&S]

thread-stem carpetweed

verticillata Linnaeus [M&H; Vincent 2001; W&S]

green carpetweed

Family MONOTROPACEAE = ERICACEAE

Family MORACEAE

Wunderlin, R.P. 1997. Moraceae, pp. 388-399. IN: Flora North America, Vol. 3. Oxford University Press.

Maclura Osage-orange

***pomifera** (Rafinesque) Schneider

Osage-orange

Toxylon pomiferum Rafinesque

Morus mulberry

Sivinski, R., T. Lowrey and R. Peterson. 1994. Additions to the native and adventive flora of New Mexico. Phytologia 76(6):473-479. [*Morus alba*]

***alba** Linnaeus [Sivinski et al. 1994]

white mulberry

microphylla Buckley [M&H; W&S]

Texas mulberry

Toxylon pomiferum Rafinesque = *Maclura pomifera* (Rafinesque) Schneider

Family MUTISACEAE = ASTERACEAE

Family NYCTAGINACEAE

Spellenberg, R.W. 2003. Nyctaginaceae, pp. 14-74. IN: Flora of North America, vol. 4. Oxford University Press, New York.

Abronia sand-verbena

Atwood, N.D., S.L. Welsh, & K.D. Heil. 2002. A new species of *Abronia* (Nyctaginaceae) from San Juan County, New Mexico, U.S.A. Novon 12:167-169. [*A. bolackii*]

Galloway, L.A. 1975. Systematics of the North American desert species of *Abronia* and *Tripterocalyx* (Nyctaginaceae). Brittonia 27:328-347.

Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4. [*A. nana harrisii*]

angustifolia Greene [Galloway 1975; M&H; W&S]

narrow-leaf sand-verbena

Abronia angustifolia Greene var. *arizonica* (Standley) Kearney & Peebles

Abronia arizonica Standley

Abronia torreyi Standley

angustifolia Greene var. *arizonica* (Standley) Kearney & Peebles = *Abronia angustifolia* Greene

arizonica Standley = *Abronia angustifolia* Greene

+**bigelovii** Heimerl [M&H; W&S]

Galisteo sand-verbena

+**bolackii** Atwood, Welsh, & Heil [Atwood et al. 2002]

Bolack's sand-verbena

carltonii Coulter & Fisher [Galloway 1975]

Carlton's sand-verbena

carnea Greene = *Tripterocalyx carnea* (Greene) Galloway var. *carnea*

elliptica A. Nelson [Galloway 1975; M&H; W&S]

white sand-verbena

Abronia fragrans Nuttall var. *elliptica* M.E. Jones

Abronia nana S. Watson var. *harrisii* Welsh

Abronia ramosa Standley

fendleri Standley = *Abronia fragrans* Nuttall

- fragrans*** Nuttall ex Hooker [Galloway 1975; M&H; W&S]
 fragrant sand-verbena, heart's delight
Abronia fendleri Standley
fragrans Nuttall var. *elliptica* M.E. Jones = *Abronia elliptica* A. Nelson
micrantha Torrey = *Tripterocalyx micranthus* (Torrey) Hooker
nana S. Watson var. *harrisii* Welsh = *Abronia elliptica* A. Nelson
ramosa Standley = *Abronia elliptica* A. Nelson
torreyi Standley = *Abronia angustifolia* Greene
- Acleisanthes*** angel's trumpets
 Fowler, B.A. & B.L. Turner. 1977. Taxonomy of *Selinocarpus* and *Ammocodon* (Nyctaginaceae). *Phytologia* 37:177-208.
 Levin, R.A. 2002. Taxonomic status of *Acleisanthes*, *Selinocarpus*, and *Ammocodon* (Nyctaginaceae). *Novon* 12:58-63.
 Smith, J.M. 1976. A taxonomic study of *Acleisanthes* (Nyctaginaceae). *Wrightia* 5(8):261-276.
- chenopodioides*** (A. Gray) R.A. Levin [Fowler & Turner 1977; M&H; W&S]
 goosefoot moonpod
Ammocodon chenopodioides (A. Gray) Standley
Selinocarpus chenopodioides A. Gray
- diffusa*** (A. Gray) R.A. Levin [Fowler & Turner 1977; M&H; W&S]
 spreading moonpod
Selinocarpus diffusus A. Gray
- lanceolata*** (Wootton) R.A. Levin [Fowler & Turner 1977; M&H; W&S]
 lance-leaf moonpod
Selinocarpus lanceolatus Wootton
- longiflora*** Gray [M&H; W&S]
 angel's trumpet's
- Allionia*** windmills
 Turner, B.L. 1993. Texas species of *Mirabilis* (Nyctaginaceae). *Phytologia* 75:432-451.
 Turner, B.L. 1994. Revisionary study of the genus *Allionia* (Nyctaginaceae). *Phytologia* 77(1):45-55.
- albida* Walter = *Mirabilis albida* (Walter) Heimerl
bodinii (Holzinger) Morong = *Mirabilis linearis* (Pursh) Heimerl
carletonii Standley = *Mirabilis glabra* (S. Watson) Standley
- choisyi*** Standley [M&H; W&S]
 annual windmills
Allionia incarnata Linnaeus var. *glabra* Choisy
Wedelia glabra Standley
Wedeliella glabra (Choisy) Cockerell
- coccinea* (Torrey) Standley = *Mirabilis coccineus* (Torrey) Benth & Hooker f.
comata Small = *Mirabilis albida* (Walter) Heimerl
diffusa Heller = *Mirabilis linearis* (Pursh) Heimerl
divaricata Rydberg = *Mirabilis linearis* (Pursh) Heimerl
gausapoides Standley = *Mirabilis linearis* (Pursh) Heimerl var. *subhispida* (Heimerl) Spellenberg
glabra (S. Watson) Kuntze = *Mirabilis glabra* S. Watson
glabra (S. Watson) Kuntze var. *recedens* (Weatherby) Standley = *Mirabilis glabra* S. Watson
hirsuta Pursh = *Mirabilis albida* (Walter) Heimerl
incarnata Linnaeus var. *glabra* Choisy = *Allionia choisyi* Standley
- incarnata*** Linnaeus var. ***incarnata*** [M&H; W&S]
 trailing windmills
Wedeliella incarnata (Linnaeus) Cockerell
Wedeliella incarnata (Linnaeus) Cockerell var. *anodonta* (Standley) Cockerell
- incarnata*** Linnaeus var. ***villosa*** (Standley) B.L. Turner [Turner 1994]
 trailing windmills
lanceolata Rydberg = *Mirabilis lanceolata* (Rydberg) Standley
linearifolia (S. Watson) Kuntze var. *filifolia* Standley = *Mirabilis coccinea* (Torrey) Benth & Hooker
linearis Pursh = *Mirabilis linearis* (Pursh) Heimerl
linearis Pursh *subhispida* (Heimerl) Standley [rank unstated] = *Mirabilis linearis* (Pursh) Heimerl var. *subhispida* (Heimerl) Spellenberg
melanotricha Standley = *Mirabilis melanotricha* (Standley) Spellenberg
nyctaginea Michaux = *Mirabilis nyctaginea* (Michaux) MacMillan
pinetorum Standley = *Mirabilis linearis* (Pursh) Heimerl
pratensis Standley = *Mirabilis albida* (Walter) Heimerl
pumila Standley = *Mirabilis albida* (Walter) Heimerl
subhispida (Heimerl) Standley = *Mirabilis linearis* (Pursh) Heimerl var. *subhispida* (Heimerl) Spellenberg
- Allionella oxybaphoides* (Gray) Rydberg = *Mirabilis oxybaphoides* (Gray) Gray
oxybaphoides (Gray) Rydberg var. *glabrata* (Heimerl) Standley = *Mirabilis oxybaphoides* (Gray) Gray
- Ammocodon chenopodioides* (Gray) Standley = *Acleisanthes chenopodioides* (A. Gray) R.A. Levin
- Anulocaulis*** ringstem
 Spellenberg, R. 1993. Taxonomy of *Anulocaulis* (Nyctaginaceae). *Sida* 15(3):373-390.
 Spellenberg, R. & T. Wootton. 1999. Vascular plants on a gypsum outcrop in southern New Mexico: A listing, a new variety and taxonomic realignments in the *Anulocaulis leiosolenus* complex (Nyctaginaceae), and a new variety of *Mentzelia humilis* (Loasaceae). *Sida* 18(4):987-999.
gypsogenus Waterfall = *Anulocaulis leiosolenus* (Torrey) Standley var. *gypsogenus* (Waterfall) Spellenberg & T. Wootton

- leiosolenus* (Torrey) Standley var. *gypsogenus* (Waterfall) Spellenberg & T. Wootten [M&H; Spellenberg 1993; Spellenberg & Wootten 1999]
gypsum ringstem
Anulocaulis gypsogenus Waterfall
- +*leiosolenus* (Torrey) Standley var. *howardii* Spellenberg & T. Wootten [Spellenberg & Wootten 1999]
Howard's ringstem
- leiosolenus* (Torrey) Standley var. *leiosolenus* [M&H; Spellenberg 1993; W&S]
southwestern ringstem
Boerhavia nummularia M.E. Jones
- Boerhavia** spiderling
Spellenberg, R. 2002. *Boerhavia coulteri* var. *palmeri*, a new varietal combination for *Boerhavia* (Nyctaginaceae) of southwestern North America. *Sida* 20(1):151-155. [*B. coulteri* var. *palmeri*]
- coccinea** Miller [M&H; W&S]
scarlet spiderling
Boerhavia ixodes Standley
Boerhavia ramulosa M.E. Jones
Boerhavia viscosa Lagasca & Rodríguez var. *oligadena* Heimerl
- coulteri** (Hooker f.) S. Watson var. **coulteri** [M&H; Spellenberg 2002]
Coulter's spiderling
- coulteri** (Hooker f.) S. Watson var. **palmeri** (S. Watson) Spellenberg [Spellenberg 2002]
Palmer's spiderling
Boerhavia spicata Choisy var. *palmeri* S. Watson
- erecta** Linnaeus [M&H; W&S]
erect spiderling
Boerhavia erecta Linnaeus var. *thornberi* (M.E. Jones) Standley
Boerhavia thornberi M.E. Jones
- erecta* Linnaeus var. *intermedia* (M.E. Jones) Kearney & Peebles = *Boerhavia intermedia* M.E. Jones
erecta Linnaeus var. *thornberi* (M.E. Jones) Standley = *Boerhavia erecta* Linnaeus
- gracillima** Heimerl [M&H; W&S]
bush spiderling
Boerhavia organensis Standley
- gypsophiloides* (Martius & Galeotti) Coulter = *Cyphomeris gypsophiloides* (Martius & Galeotti) Standley
- intermedia** M.E. Jones [M&H; W&S]
five-wing spiderling
Boerhavia erecta Linnaeus var. *intermedia* (M.E. Jones) Kearney & Peebles
- ixodes* Standley = *Boerhavia coccinea* Miller
- linearifolia** Gray [M&H; W&S]
narrow-leaf spiderling
Boerhavia tenuifolia Gray
- nummularia* M.E. Jones = *Anulocaulis leiosolenus* (Torrey) Standley var. *leiosolenus*
organensis Standley = *Boerhavia gracillima* Heimerl
- purpurascens** Gray [M&H; W&S]
purple spiderling
ramulosa M.E. Jones = *Boerhavia coccinea* Miller
- scandens* Linnaeus = *Commicarpus scandens* (Linnaeus) Standley
- spicata** Choisy [M&H; W&S]
creeping spiderling
spicata Choisy var. *palmeri* S. Watson = *Boerhavia coulteri* (Hooker f.) S. Watson var. *palmeri* (S. Watson) Spellenberg
tenuifolia Gray = *Boerhavia linearifolia* Gray
thornberi M.E. Jones = *Boerhavia erecta* Linnaeus
- torreyana** (S. Watson) Standley [M&H; W&S]
Torrey's spiderling
viscosa Lagasca & Rodríguez var. *oligadena* Heimerl = *Boerhavia coccinea* Miller
- wrightii** Gray [M&H; W&S]
Wright's spiderling
- Commicarpus** wart-club
Allred, K.W. 1999. New plant distribution records. *The New Mexico Botanist* 13:7. [*Commicarpus scandens*]
Harriman, N.A. 1999. Synopsis of New World *Commicarpus* (Nyctaginaceae). *Sida* 18(3):679-684.
- scandens** (Linnaeus) Standley [Allred 1999; Harriman 1999]
climbing wart-club
Boerhavia scandens Linnaeus
- Cyphomeris** cyphomeris
Mahrt, M. & R. Spellenberg. 1995. Taxonomy of *Cyphomeris* (Nyctaginaceae) based on multivariate analyses of geographic variation. *Sida* 16(6):679-698.
- gypsophiloides** (Martius & Galeotti) Standley [M&H; Mahrt & Spellenberg 1995; W&S]
delicate darling
Boerhavia gypsophiloides (Martius & Galeotti) Coulter

Mirabilis four-o'clock

- LeDuc, A. 1995. A revision of *Mirabilis* section *Mirabilis* (Nyctaginaceae). Sida 16(40):613-648.
Pilz, G.E. 1978. Systematics of *Mirabilis* subgenus *Quamoclidion* (Nyctaginaceae). Madroño 25:113-176.
Spellenberg, R. 1998 [1999]. *Mirabilis melanotricha* (Nyctaginaceae), a new combination for a common four o'clock from southwestern North America. Phytologia 85(2):99-104.
Spellenberg, R. & S.R. Rodríguez Tijerina. 2001. Geographic variation and taxonomy of North American species of *Mirabilis*, section *Oxybaphoides* (Nyctaginaceae). Sida 19(3):539-570.
Spellenberg, R. 2002. Varietal status for a hirsute phase of *Mirabilis linearis* (Nyctaginaceae). Novon 12:270-271.
Turner, B.L. 1993. Texas species of *Mirabilis* (Nyctaginaceae). Phytologia 75:432-451.

albida (Walter) Heimerl [M&H; M&H]

white four-o'clock

- Allionia albida* Walter
Allionia comata Small
Allionia hirsuta Pursh
Allionia lanceolata Rydberg
Allionia pratensis Standley
Allionia pumila Standley
Mirabilis comata (Small) Standley
Mirabilis lanceolata (Rydberg) Standley
Oxybaphus albidus (Walter) Choisy
Oxybaphus comatus (Small) Weatherby
Oxybaphus hirsutus (Pursh) Sweet
Oxybaphus lanceolatus (Rydberg) Standley
Oxybaphus pumilus (Standley) Standley

carletonii (Standley) Standley = *Mirabilis glabra* (S. Watson) Standley

coccinea (Torrey) Benth & Hooker f. [M&H; W&S]

scarlet four-o'clock

- Allionia coccinea* (Torrey) Standley
Allionia linearifolia (S. Watson) Kuntze var. *filifolia* Standley
Oxybaphus coccineus Torrey
Oxybaphus linearifolius S. Watson

comata (Small) Standley = *Mirabilis albida* (Walter) Heimerl

decepiens (Standley) Standley = *Mirabilis linearis* (Pursh) Heimerl

decumbens (Nuttall) Daniels : Tentative report by M&H map; awaits verification.

Oxybaphus decumbens Nuttall

diffusa (Heller) Reed = *Mirabilis linearis* (Pursh) Heimerl

gausapoides (Standley) Standley = *Mirabilis linearis* (Pursh) Heimerl var. *subhispida* (Heimerl) Spellenberg

glabra (S. Watson) Standley [M&H; Turner 1993; W&S]

smooth four-o'clock

- Allionia carletonii* Standley
Allionia glabra (S. Watson) Kuntze
Allionia glabra (S. Watson) Kuntze var. *recedens* (Weatherby) Standley
Oxybaphus carletonii (Standley) Weatherby
Oxybaphus glaber S. Watson

hirsuta (Pursh) MacMillan = *Mirabilis albida* (Walter) Heimerl

jalapa Linnaeus (garden four o'clock) : Reported as expected by M&H map; not yet known in NM except as a garden ornamental (Le Duc 1995); awaits verification.

lanceolata (Rydberg) Standley = *Mirabilis albida* (Walter) Heimerl

linearis (Pursh) Heimerl var. **decepiens** (Standley) S.L. Welsh [M&H]

ribbon four-o'clock

Allionia decepiens Standley

linearis (Pursh) Heimerl var. **linearis** [M&H; Turner 1993; W&S]

ribbon four-o'clock

- Allionia bodinii* (Holzinger) Morong
Allionia divaricata Rydberg
Allionia diffusa Heller
Allionia linearis Pursh
Allionia pinetorum Standley
Mirabilis decepiens (Standley) Standley
Mirabilis diffusa (Heller) Reed
Oxybaphus diffusus (Heller) ined. Note: This combination not validly published by M&H [ICBN, Article 33]
Oxybaphus linearis (Pursh) Robinson var. *decepiens* (Standley) Kearney & Peebles
Oxybaphus linearis (Pursh) Robinson var. *linearis*

linearis (Pursh) Heimerl. forma *subhispida* Heimerl = *Mirabilis linearis* (Pursh) Heimerl var. *subhispida* (Heimerl) Spellenberg

linearis (Pursh) Heimerl var. **subhispida** (Heimerl) Spellenberg [M&H; W&S]

ribbon four-o'clock

- Allionia gausapoides* Standley
Allionia linearis Pursh *subhispida* (Heimerl) Standley [rank unstated]
Allionia subhispida (Heimerl) Standley

Mirabilis gausapoides (Standley) Standley
Mirabilis linearis (Pursh) Heimerl. f. *subhispidus* Heimerl
Oxybaphus linearis (Pursh) Robinson var. *subhispidus* (Heimerl) Dayton
longiflora Linnaeus [M&H; Le Duc 1995; W&S]
 sweet four-o'clock
Mirabilis longiflora Linnaeus var. *wrightiana* (Gray ex Britton & Kearney) Kearney & Peebles
Mirabilis wrightiana Gray ex Britton & Kearney
melanotricha (Standley) Spellenberg [Spellenberg 1998; W&S]
 Standley's four-o'clock
Allionia melanotricha Standley
multiflora (Torrey) Gray [M&H; W&S]
 Colorado four-o'clock
Oxybaphus multiflorus Torrey
Quamoclidion multiflorum Torrey
nyctaginea (Michaux) MacMillan [M&H; Turner 1993]
 heart-leaf four-o'clock
Allionia nyctaginea Michaux
Oxybaphus nyctagineus (Michaux) Sweet
oblongifolia (A. Gray) Heimerl = *Mirabilis albida* (Walter) Heimerl
oxybaphoides (Gray) Gray [M&H; W&S]
 spreading four-o'clock
Allionella oxybaphoides (Gray) Rydberg
Allionella oxybaphoides (Gray) Rydberg var. *glabrata* (Heimerl) Standley
Mirabilis oxybaphoides (Gray) Gray var. *glabrata* Heimerl
Oxybaphus wrightii Hemsley
Quamoclidion oxybaphoides Gray
oxybaphoides (Gray) Gray var. *glabrata* Heimerl = *Mirabilis oxybaphoides* (Gray) Gray
pumila (Standley) Standley = *Mirabilis albida* (Walter) Heimerl
wrightiana Gray ex Britton & Kearney = *Mirabilis longiflora* Linnaeus
Nyctaginea devil's-bouquet
capitata Choisy [M&H; W&S]
 devil's-bouquet
Nyctaginea cockerellae A. Nelson
cockerellae A. Nelson = *Nyctaginea capitata* Choisy
Oxybaphus albidus (Walter) Choisy = *Mirabilis albida* (Walter) Heimerl
carletonii (Standley) Weatherby = *Mirabilis glabra* (S. Watson) Standley
coccineus Torrey = *Mirabilis coccineus* (Torrey) Benth & Hooker f.
comatus (Small) Weatherby = *Mirabilis albida* (Walter) Heimerl
decumbens Nuttall = *Mirabilis decumbens* (Nuttall) Daniels
diffusus (Heller) ined. (This combination not validly published by M&H [ICBN, Article 33]) = *Mirabilis linearis* (Pursh) Heimerl
glaber S. Watson = *Mirabilis glabra* (S. Watson) Standley
hirsutus (Pursh) Sweet = *Mirabilis albida* (Walter) Heimerl
lanceolatus (Rydberg) Standley = *Mirabilis lanceolata* (Rydberg) Standley
linearifolius S. Watson = *Mirabilis coccineus* (Torrey) Benth & Hooker f.
linearis (Pursh) Robinson var. *decipiens* (Standley) Kearney & Peebles = *Mirabilis linearis* (Pursh) Heimerl
linearis (Pursh) Robinson var. *linearis* = *Mirabilis linearis* (Pursh) Heimerl
linearis (Pursh) Robinson var. *subhispidus* (Heimer) Dayton = *Mirabilis linearis* (Pursh) Heimerl
multiflorus Torrey = *Mirabilis multiflora* (Torrey) Gray
nyctagineus (Michaux) Sweet = *Mirabilis nyctaginea* (Michaux) MacMillan
pumilus (Standley) Standley = *Mirabilis albida* (Walter) Heimerl
wrightii Hemsley = *Mirabilis oxybaphoides* (Gray) Gray
Quamoclidion multiflorum Torrey = *Mirabilis multiflora* (Torrey) Gray
oxybaphoides Gray = *Mirabilis oxybaphoides* (Gray) Gray
Selinocarpus *chenopodioides* Gray = *Acleisanthes chenopodioides* (A. Gray) R.A. Levin
diffusus Gray = *Acleisanthes diffusus* (A. Gray) R.A. Levin
lanceolatus Wootton = *Acleisanthes lanceolatus* (Wootton) R.A. Levin
Tripterocalyx sand-puffs
 Galloway, L.A. 1975. Systematics of the North American desert species of *Abronia* and *Tripterocalyx* (Nyctaginaceae). *Brittonia* 27:328-347.
carneus (Greene) Galloway [Galloway 1975; M&H; W&S]
 winged sand-puffs
Abronia carnea Greene
Tripterocalyx cyclopterus sensu Standley
carneus (Greene) Galloway var. *wootonii* (Standley) Galloway = *Tripterocalyx wootonii* Standley
cyclopterus sensu Standley = *Tripterocalyx carneus* (Greene) Galloway
micranthus (Torrey) Hooker [Galloway 1975; M&H; W&S]
 small-flower sand-puffs
Abronia micrantha Torrey
Tripterocalyx micranthus (Torrey) Hooker forma *albus* Moldenke

micranthus (Torrey) Hooker forma *albus* Moldenke = *Tripterocalyx micranthus* (Torrey) Hooker

wootonii Standley [Galloway 1975; M&H; W&S]

Wooton's sand-puffs

Tripterocalyx carneus (Greene) Galloway var. *wootonii* (Standley) Galloway

Wedeliella glabra (Choisy) Cockerell = *Allionia choisyi* Standley

incarnata (Linnaeus) Cockerell = *Allionia incarnata* Linnaeus var. *incarnata*

incarnata (Linnaeus) Cockerell var. *anodonta* (Standley) Cockerell = *Allionia incarnata* Linnaeus var. *incarnata*

Family NYMPHAEACEAE

Nuphar pond-lily

Wiersema, J.H. & C.B. Hellquist. 1997. *Nuphar*, pp. 67-71. IN: Flora of North America, vol. 3. Oxford University Press.

polysepala Engelm [M&H; Wiersema & Hellquist 1997]

yellow pond-lily

Nymphaea polysepala (Engelmann) Greene

Nymphaea water-lily

Wiersema, J.H. 1997. *Nymphaea*, pp. 71-77. IN: Flora of North America, vol. 3. Oxford University Press.

Allred, K.W. 2001. New plant distribution records. The New Mexico Botanist 20:8. [*Nymphaea mexicana*]

***mexicana** Zuccarini [Allred 2001]

Mexican water-lily

***odorata** Aiton [Wiersema 1997]

white water-lily

polysepala (Engelmann) Greene = *Nuphar polysepala* Engelm

Family OLEACEAE

Adelia neomexicana (Gray) Kuntze = *Forestiera pubescens* Nuttall

Forestiera desert-olive

Hess, W.J. 2000. New plant distribution records. The New Mexico Botanist 14:4. [*F. shrevei*]

neomexicana Gray = *Forestiera pubescens* Nuttall

pubescens Nuttall [M&H; W&S]

New Mexico desert-olive

Adelia neomexicana (Gray) Kuntze

Forestiera neomexicana Gray

Forestiera pubescens Nuttall var. *glabrifolia* Shinnery

pubescens Nuttall var. *glabrifolia* Shinnery = *Forestiera pubescens* Nuttall

shrevei Standley [Hess 2000]

Shreve's desert-olive

Fraxinus ash

Elias, T.S. 1980. The Complete Trees of North America. Van Nostrand Reinhold Company, New York.

Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4. [*F. pennsylvanica*]

pennsylvanica

Huff, C. 1996. New plant distribution records. The New Mexico Botanist 3:6. [*Fraxinus lowellii*]

Miller, G.N. 1955. The genus *Fraxinus*, the ashes, in North America, north of Mexico. New York State College Agr. Mem. (Cornell Univ.) 335. 1-64.

anomala Torrey ex S. Watson var. **anomala** [M&H; W&S]

singleleaf ash

anomala Torrey ex S. Watson var. *lowellii* (Sargent) Little = *Fraxinus lowellii* Sargent

attenuata M.E. Jones = *Fraxinus velutina* Torrey

berlandieriana A. A.P. de Candolle : Reported as expected by M&H; awaits verification.

cuspidata Torrey [M&H; W&S]

fragrant ash

lowellii Sargent [Huff 1996]

Lowell's ash

Fraxinus anomala Torrey ex S. Watson var. *lowellii* (Sargent) Little

greggii Gray [M&H]

Gregg's ash

papillosa Lingelsheim [M&H]

Chihuahua ash

***pennsylvanica** Marshall [Heil et al. 2002]

green ash

pennsylvanica Marshall subsp. *velutina* (Torrey) G.N. Miller = *Fraxinus velutina* Torrey

velutina Torrey [M&H; W&S]

velvet ash

Fraxinus attenuata M.E. Jones

Fraxinus pennsylvanica Marshall subsp. *velutina* (Torrey) G.N. Miller

Fraxinus velutina Torrey var. *glabra* (Thornber) Rehder

Fraxinus velutina Torrey var. *toumeyii* (Britton) Rehder

velutina Torrey var. *glabra* (Thornber) Rehder = *Fraxinus velutina* Torrey

velutina Torrey var. *toumeyii* (Britton) Rehder = *Fraxinus velutina* Torrey

Ligustrum privet

Allred, B. 2000. New plant distribution records. The New Mexico Botanist 15:7. [*Ligustrum vulgare*]

**vulgare* Linnaeus [Allred, B. 2000]

European privet

Menodora menodora

Turner, B.L. 1991. An overview of the North American species of *Menodora* (Oleaceae). Phytologia 71:340-356.

decemfida (Gill ex Hooker & Arnott) Gray var. *longifolia* Steyermark [??]

ten-finger menodora

laevis Wooton & Standley = *Menodora scabra* Gray

longiflora Gray [M&H; W&S]

showy menodora

Menodoropsis longiflora (Gray) Small

scabra Gray var. *laevis* (Wooton & Standley) Steyermark = *Menodora scabra* Gray

scabra Gray var. *ramosissima* Steyermark = *Menodora scabra* Gray

scabra Gray [M&H; W&S]

rough menodora

Menodora laevis Wooton & Standley

Menodora scabra Gray var. *laevis* (Wooton & Standley) Steyermark

Menodora scabra Gray var. *ramosissima* Steyermark

Menodora scoparia Engelm

scoparia Engelm = *Menodora scabra* Gray

Menodoropsis longiflora (Gray) Small = *Menodora longiflora* Gray

Syringa lilac

Hartman, R.L., B. Reif, B.E. Nelson, & B. Jacobs. 2006. New vascular plant records for New Mexico. Sida 22(2):1225-1233. [*S. vulgaris*]

**vulgaris* Linnaeus [Hartman et al. 2006]

lilac

Family ONAGRACEAE

[Epilobiaceae]

Cronquist, A., N.H. Holmgren, & P.K. Holmgren. 1997. Onagraceae, pp. 172-244. IN: Intermountain Flora, vol. 3A. New York Botanical Garden.

Raven, P.H. 1976. Generic and sectional delimitation in Onagraceae, tribe Epilobieae. Ann. Missouri Bot. Gard. 63:326-340.

Anogra albicaulis (Pursh) Britton = *Oenothera albicaulis* Pursh

amplexicaulis (Wooton & Standley) Tidestrom = *Oenothera laciniata* Hill subsp. *pubescens* (Willdenow) Munz

coronopifolia (Torrey & Gray) Britton = *Oenothera coronopifolia* Torrey & Gray

ctenophylla Wooton & Standley = *Oenothera albicaulis* Pursh

engelmannii (Small) Wooton & Standley = *Oenothera engelmannii* (Small) Munz

gypsophila (Eastwood) Heller = *Oenothera pallida* Lindley subsp. *runcinata* (Engelmann) Munz & Klein

latifolia Rydberg = *Oenothera pallida* Lindley subsp. *latifolia* (Rydberg) Munz

leucotricha Wooton & Standley = *Oenothera pallida* Lindley subsp. *runcinata* (Engelmann) Munz & Klein

neomexicana Small = *Oenothera neomexicana* (Small) Munz

pallida (Lindley) Britton = *Oenothera pallida* Lindley subsp. *pallida*

pallida (Lindley) Britton var. *runcinata* (Engelmann) Small = *Oenothera pallida* Lindley subsp. *runcinata* (Engelmann) Munz & Klein

albicaulis Britton var. *runcinata* Engelmann = *Oenothera pallida* Lindley subsp. *runcinata* (Engelmann) Munz & Klein

runcinata (Engelmann) Wooton & Standley = *Oenothera pallida* Lindley subsp. *runcinata* (Engelmann) Munz & Klein

Calylophus sundrops

Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. Sida 11(4):455-470. [*Calylophus berlandieri* subsp.

pinifolius]

Towner, H.F. 1977. The biosystematics of *Calylophus* (Onagraceae). Ann. Missouri Bot. Gard. 64:48-120.

berlandieri Spach subsp. *berlandieri* [Towner 1977]

Berlandier's sundrops

berlandieri Spach subsp. *pinifolius* (Engelmann ex Gray) Towner [Spellenberg et al. 1986]

Berlandier's sundrops

hartwegii (Benth) Raven subsp. *fendleri* (Gray) Towner & Raven [M&H; W&S]

Fendler's sundrops

Galpinsia fendleri (Gray) Heller

Oenothera hartwegii Benth var. *fendleri* Gray

hartwegii (Benth) Raven subsp. *filifolius* (Eastwood) Towner & Raven [M&H; W&S]

Hartweg's sundrops

Galpinsia filifolia (Eastwood) Wooton

Oenothera filifolia (Eastwood) Tidestrom

Oenothera tubicula Gray var. *filifolia* Eastwood

hartwegii (Benth) Raven subsp. *hartwegii* : Reported by M&H and W&S, but the typical subspecies is not known in NM (Towner 1977).

Galpinsia hartwegii (Benth) Britton

Oenothera hartwegii Benth

hartwegii (Benth) Raven subsp. *lavandulifolius* (Torrey & Gray) Towner & Raven = *Calylophus lavandulifolius* (Torrey & Gray) Raven

hartwegii (Benth) Raven subsp. *pubescens* (Gray) Towner & Raven [M&H; W&S]

Hartweg's sundrops

- Galpinsia camporum* Wooton & Standley
Galpinsia lampsana (Buckley) Wooton & Standley
Oenothera greggii Gray
Oenothera greggii Gray var. *lampsana* (Buckley) Munz
Oenothera lampsana Buckley
hartwegii (Benth) Raven subsp. *toumeyii* (Small) Towner & Raven = *Calylophus toumeyii* (Small) Towner
lavandulifolius (Torrey & Gray) Raven [M&H; Towner 1977; W&S]
 lavender-leaf sundrops
Calylophus hartwegii (Benth) Raven subsp. *lavandulifolius* (Torrey & Gray) Towner & Raven
Galpinsia lavandulifolia (Torrey & Gray) Small
Oenothera lavandulifolia Torrey & Gray
Oenothera lavandulifolia Torrey & Gray var. *glandulosa* Munz
serrulatus (Nuttall) Raven [M&H; W&S]
 yellow sundrops
Meriolix serrulata (Nuttall) Walpers
Oenothera serrulata Nuttall
toumeyii (Small) Towner [M&H; Towner 1977; W&S]
 Toumey's sundrops
Calylophus hartwegii (Benth) Raven subsp. *toumeyii* (Small) Towner & Raven
Galpinsia toumeyii Small
Oenothera hartwegii Benth var. *toumeyii* (Small) Munz
tubicola (Gray) Raven [M&H; W&S]
 Texas sundrops
Galpinsia carlsbadiana A. Nelson
Galpinsia glandulifera A. Nelson
Galpinsia tubicola (Gray) Small
Oenothera tubicola Gray
- Camissonia** suncup
 Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4. [*C. parvula*, *C. walkeri*]
 Raven, P.H. 1969. A revision of the genus *Camissonia* (Onagraceae). Contrib. U.S. Nat. Herb. 37:161-396.
- chamaenerioides*** (Gray) Raven [M&H; W&S]
 fireweed suncup
Oenothera chamaenerioides Gray
Sphaerostigma chamaenerioides (Gray) Small
claviformis (Torrey & Fremont) Raven subsp. ***peeblesii*** (Munz) Raven [M&H]
 brown-eyes
Oenothera claviformis Torrey & Fremont var. *peeblesii* Munz
multijuga (S. Watson) Raven = *Camissonia walkeri* (A. Nelson) Raven
parvula (Nuttall ex Torrey & Gray) Raven [Heil et al. 2002]
 little suncup
refracta (S. Watson) Raven [M&H]
 narrow-leaf suncup
Oenothera deserti M.E. Jones
Oenothera refracta S. Watson
Sphaerostigma deserti (M.E. Jones) Heller
Sphaerostigma refractum (S. Watson) Small
scapoidea (Nuttall ex Torrey & Gray) Raven subsp. ***scapoidea*** [M&H]
 Paiute suncup
Oenothera scapoidea Nuttall ex Torrey & Gray
walkeri (A. Nelson) Raven [Heil et al. 2002]
 Walker's suncup
Camissonia multijuga (S. Watson) Raven
Oenothera multijuga S. Watson var. *orientalis* Munz
- Chamerion** fireweed
 Baum, D.A., K.J. Systma, & P.C. Hoch. 1994. a phylogenetic analysis of *Epilobium* (Onagraceae) based on nuclear ribosomal DNA sequences. Syst. Bot. 19:363-388.
 Chen, C.-j., P.C. Hoch, & P.H. Raven. 1992. Systematics of *Epilobium* (Onagraceae) in China. Syst. Bot. Monogr. 34.
 Mosquin, T. 1966. A new taxonomy for *Epilobium angustifolium* L. (Onagraceae). Brittonia 18:167-188.
- angustifolium*** (Linnaeus) Holub subsp. ***circumvagum*** Mosquin [M&H; W&S]
 fireweed
Epilobium angustifolium Linnaeus var. *canescens* Wood
Epilobium angustifolium Linnaeus subsp. *circumvagum* Mosquin
- Circaea** enchanter's-nightshade
 Boufford, D.E. 1982 (1983). The systematics and evolution of *Circaea* (Onagraceae). Ann. Missouri Bot. Gard. 69:804-994.
alpina Linnaeus subsp. ***alpina*** [M&H; W&S]
 alpine enchanter's-nightshade

alpina Linnaeus subsp. *pacifica* (Ascherson & Magnus) Raven [M&H]

alpine enchanter's-nightshade

Epilobium willow-herb

Chen, C.-j., P.C. Hoch, & P.H. Raven. 1992. Systematics of *Epilobium* (Onagraceae) in China. Syst. Bot. Monogr. 34.

Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4. [*E. palustre*]

Raven, P.H. 1976. Generic and sectional delimitation in Onagraceae, tribe Epilobieae. Ann. Missouri Bot. Gard. 63:326-340.

Sivinski, R., T. Lowrey, & C. Keller. 1995[1996]. Additions to the floras of Colorado and New Mexico. Phytologia 79(5):319-324. [*Epilobium hornemanni* var. *lactiflorum*]

adenocaulon Haussknecht = *Epilobium ciliatum* Rafinesque

adenocaulon Haussknecht var. *parishii* (Trelease) Munz = *Epilobium ciliatum* Rafinesque

adenocaulon Haussknecht var. *perplexans* Trelease = *Epilobium ciliatum* Rafinesque

adenocladon (Haussknecht) Rydberg = *Epilobium brachycarpum* C. Presl

anagallidifolium Lamarck = *Epilobium alpinum* Linnaeus

alpinum Linnaeus [M&H; W&S]

alpine willow-herb

Epilobium anagallidifolium Lamarck

angustifolium Linnaeus var. *canescens* Wood = *Chamerion angustifolium* (Linnaeus) Holub subsp. *circumvagum* Mosquin

angustifolium Linnaeus subsp. *circumvagum* Mosquin = *Chamerion angustifolium* (Linnaeus) Holub subsp. *circumvagum* Mosquin

brachycarpum C. Presl [M&H; W&S]

annual willow-herb

Epilobium paniculatum Nuttall ex Torrey & Gray

Epilobium adenocladon (Haussknecht) Rydberg

Epilobium paniculatum Nuttall ex Torrey & Gray f. *adenocladon* Haussknecht

Epilobium paniculatum Nuttall ex Torrey & Gray f. *subulatum* Haussknecht

californicum Haussknecht = *Epilobium ciliatum* Rafinesque

canum (Greene) Raven var. **latifolium** (Hooker) N.H. Holmgren & P.K. Holmgren [M&H; W&S]

hummingbird-trumpets

Zauschneria californica Presl subsp. *latifolia* (Hooker) Keck

Zauschneria arizonica A. Davidson

Zauschneria latifolia Greene var. *arizonica* (A. Davidson) Hilend

ciliatum Rafinesque [M&H; W&S]

fringed willow-herb

Epilobium adenocaulon Haussknecht

Epilobium adenocaulon Haussknecht var. *parishii* (Trelease) Munz

Epilobium adenocaulon Haussknecht var. *perplexans* Trelease

Epilobium californicum Haussknecht

Epilobium fendleri Haussknecht

Epilobium novomexicanum Haussknecht

drummondii Haussknecht = *Epilobium saximontanum* Haussknecht

fendleri Haussknecht = *Epilobium ciliatum* Rafinesque

halleanum Haussknecht [W&S]

glandular willow-herb

hornemannii Reichenbach var. **hornemannii** [M&H]

Hornemann's willow-herb

hornemannii Reichenbach var. **lactiflorum** (Haussknecht) D. Löve [Sivinski et al. 1995]

Hornemann's willow-herb

Epilobium lactiflorum Haussknecht

lactiflorum Haussknecht = *Epilobium hornemannii* Reichenbach var. *lactiflorum* (Haussknecht) D. Löve

leptophyllum Rafinesque [M&H; W&S]

bog willow-herb

Epilobium lineare sensu W&S

lineare sensu W&S = *Epilobium leptophyllum* Rafinesque

novomexicanum Haussknecht = *Epilobium ciliatum* Rafinesque

ovatifolium Rydberg = *Epilobium saximontanum* Haussknecht

palustre Linnaeus [Heil et al. 2002]

marsh willow-herb

paniculatum Nuttall ex Torrey & Gray = *Epilobium brachycarpum* C. Presl

paniculatum Nuttall ex Torrey & Gray f. *adenocladon* Haussknecht = *Epilobium brachycarpum* C. Presl

paniculatum Nuttall ex Torrey & Gray f. *subulatum* Haussknecht = *Epilobium brachycarpum* C. Presl

saximontanum Haussknecht [M&H]

Rocky Mountain willow-herb

Epilobium drummondii Haussknecht

Epilobium ovatifolium Rydberg

Galpinsia carlsbadiana Nelson = *Calylophus tubicula* (Gray) Raven

camporum Wooton & Standley = *Calylophus hartwegii* (Benth) Raven subsp. *pubescens* (Gray) Towner & Raven

fendleri (Gray) Heller = *Calylophus hartwegii* (Benth) Raven subsp. *fendleri* (Gray) Towner & Raven

filifolia (Eastwood) Wooton = *Calylophus hartwegii* (Benth) Raven subsp. *filifolius* (Eastwood) Towner & Raven

glandulifera A. Nelson = *Calylophus tubicula* (Gray) Raven
hartwegii (Benth) Britton = *Calylophus hartwegii* (Benth) Raven subsp. *hartwegii*
lampsana (Buckley) Wooton & Standley = *Calylophus hartwegii* (Benth) Raven subsp. *pubescens* (Gray) Towner & Raven
lavandulifolia (Torrey & Gray) Small = *Calylophus lavandulifolius* (Torrey & Gray) Raven
toumeyii Small = *Calylophus toumeyii* (Small) Towner
tubicula (Gray) Small = *Calylophus tubicula* (Gray) Raven

Gaura bee-blossom

Goodman, G.J. & C.A. Lawson. 1995. Retracing Major Stephen H. Long's 1820 Expedition. University of Oklahoma Press. [*Gaura mollis*]
Raven, P.H. & D.P. Gregory 1972. A revision of the genus *Gaura* (Onagraceae). Mem. Torrey Bot. Club 23:1-96.

australis Grisebach = *Gaura mollis* James

brassicacea Wooton & Standley = *Gaura hexandra* Ortega subsp. *gracilis* (Wooton & Standley) Raven & Gregory

cinerea Wooton & Standley = *Gaura villosa* Torrey subsp. *villosa*

coccinea Nuttall ex Pursh [M&H; W&S]

scarlet bee-blossom

Gaura coccinea Nuttall ex Pursh var. *arizonica* Munz

Gaura coccinea Nuttall ex Pursh var. *epilobioides* (Humboldt, Bonpland, & Kunth) Munz

Gaura coccinea Nuttall ex Pursh var. *glabra* (Lehmann) Torrey & Gray

Gaura coccinea Nuttall ex Pursh var. *parvifolia* (Torrey) Torrey & Gray

Gaura epilobioides Humboldt, Bonpland, & Kunth

Gaura glabra Lehmann

Gaura induta Wooton & Standley

Gaura linearis Wooton & Standley

Gaura parvifolia Torrey

coccinea Nuttall ex Pursh var. *arizonica* Munz = *Gaura coccinea* Nuttall ex Pursh

coccinea Nuttall ex Pursh var. *epilobioides* (Humboldt, Bonpland, & Kunth) Munz = *Gaura coccinea* Nuttall ex Pursh

coccinea Nuttall ex Pursh var. *glabra* (Lehmann) Torrey & Gray = *Gaura coccinea* Nuttall ex Pursh

coccinea Nuttall ex Pursh var. *parvifolia* (Torrey) Torrey & Gray = *Gaura coccinea* Nuttall ex Pursh

epilobioides Humboldt, Bonpland, & Kunth = *Gaura coccinea* Nuttall ex Pursh

glandulosa Wooton & Standley = *Gaura hexandra* Ortega subsp. *gracilis* (Wooton & Standley) Raven & Gregory

gracilis Wooton & Standley = *Gaura hexandra* Ortega subsp. *gracilis* (Wooton & Standley) Raven & Gregory

gracilis Wooton & Standley forma *glandulosa* Munz = *Gaura hexandra* Ortega subsp. *gracilis* (Wooton & Standley) Raven & Gregory

gracilis Wooton & Standley var. *typica* Munz = *Gaura hexandra* Ortega subsp. *gracilis* (Wooton & Standley) Raven & Gregory

hexandra Ortega subsp. **gracilis** (Wooton & Standley) Raven & Gregory [M&H; W&S]

harlequin-bush

Gaura brassicacea Wooton & Standley

Gaura glandulosa Wooton & Standley

Gaura gracilis Wooton & Standley

Gaura gracilis Wooton & Standley forma *glandulosa* Munz

Gaura gracilis Wooton & Standley var. *typica* Munz

Gaura podocarpa Wooton & Standley

Gaura strigillosa Wooton & Standley

induta Wooton & Standley = *Gaura coccinea* Nuttall ex Pursh

linearis Wooton & Standley = *Gaura coccinea* Nuttall ex Pursh

mollis James [M&H; W&S]

velvet-weed

Gaura australis Grisebach

Gaura parviflora Douglas ex Hooker var. *lachnocarpa* Weatherby

Gaura parviflora Douglas ex Hooker var. *parviflora*

Gaura parviflora Douglas ex Hooker var. *typica* Munz

Gaura parviflora Douglas ex Hooker var. *typica* Munz forma *glabra* Munz

nealleyi Coulter = *Gaura suffulta* Engelm ex Gray subsp. *nealleyi* (Coulter) Raven & Gregory

neomexicana Wooton subsp. **neomexicana** [M&H; W&S]

New Mexico bee-blossom

parviflora Douglas ex Hooker = *Gaura mollis* James

parviflora Douglas ex Hooker var. *lachnocarpa* Weatherby = *Gaura mollis* James

parviflora Douglas ex Hooker var. *parviflora* = *Gaura mollis* James

parviflora Douglas ex Hooker var. *typica* Munz = *Gaura mollis* James

parviflora Douglas ex Hooker var. *typica* Munz forma *glabra* Munz = *Gaura mollis* James

parvifolia Torrey = *Gaura coccinea* Nuttall ex Pursh

podocarpa Wooton & Standley = *Gaura hexandra* Ortega subsp. *gracilis* (Wooton & Standley) Raven & Gregory

strigillosa Wooton & Standley = *Gaura hexandra* Ortega subsp. *gracilis* (Wooton & Standley) Raven & Gregory

suffulta Engelm ex Gray subsp. **nealleyi** (Coulter) Raven & Gregory [M&H]

Nealley's bee-blossom

Gaura nealleyi Coulter

villosa Torrey subsp. **villosa** [M&H; W&S]

wooly bee-blossom

Gaura cinerea Wooton & Standley

Gaura villosa Torrey var. *arenicola* Munz

villosa Torrey var. *arenicola* Munz = *Gaura villosa* Torrey subsp. *villosa*

Gaurella canescens (Torrey & Fremont) A. Nelson = *Oenothera canescens* Torrey & Fremont
guttulata Small = *Oenothera canescens* Torrey & Fremont

Gayophytum ground-smoke

Lewis, H. & J. Szweykowski. 1964. The genus *Gayophytum* (Onagraceae). *Brittonia* 16:343-391.

diffusum Torrey & Gray var. **strictipes** (Hooker) Dorn [M&H; W&S]
spreading ground-smoke

Gayophytum diffusum Torrey & Gray subsp. *parviflorum* Lewis & Szweykowski

Gayophytum intermedium Rydberg

Gayophytum nuttallii Torrey & Gray var. *intermedium* (Rydberg) Munz

diffusum Torrey & Gray subsp. *parviflorum* Lewis & Szweykowski = *Gayophytum diffusum* Torrey & Gray var. *strictipes* (Hooker) Dorn

intermedium Rydberg = *Gayophytum diffusum* Torrey & Gray var. *strictipes* (Hooker) Dorn

nuttallii Torrey & Gray var. *intermedium* (Rydberg) Munz = *Gayophytum diffusum* Torrey & Gray var. *strictipes* (Hooker) Dorn

ramosissimum Torrey & Gray [M&H; W&S]

piñon ground-smoke

Hartmannia rosea (Aiton) G. Don = *Oenothera rosea* Aiton

speciosa (Nuttall) Small = *Oenothera speciosa* Nuttall

Jussiaea repens Linnaeus var. *glabrescens* Kuntze = *Ludwigia peploides* (Humboldt, Bonpland, & Kunth) Raven subsp. *peploides*

repens Linnaeus var. *peploides* (Humboldt, Bonpland, & Kunth) Grisebach = *Ludwigia peploides* (Humboldt, Bonpland, & Kunth) Raven subsp. *peploides*

Lavauxia brachycarpa (Gray) Britton = *Oenothera brachycarpa* Gray

flava A. Nelson = *Oenothera flava* (A. Nelson) Garrett

hamata Wootton & Standley = *Oenothera flava* (A. Nelson) Garrett

primiveris (Gray) Small = *Oenothera primiveris* Gray subsp. *primiveris*

taraxacoides Wootton & Standley = *Oenothera flava* (A. Nelson) Garrett subsp. *taraxacoides* (Wootton & Standley) W.L. Wagner

wrightii Small = *Oenothera brachycarpa* Gray

Ludwigia primrose-willow

Peng, C.-I. 1988. The biosystematics of *Ludwigia* sect. *Microcarpum* (Onagraceae). *Ann. Missouri Bot. Gard.* 75:970-1009.

Peng, C.-I. 1989. The systematics and evolution of *Ludwigia* sect. *Microcarpum* (Onagraceae). *Ann. Missouri Bot. Gard.* 76:221-302.

Peng, C.-I., C.L. Schmidt, P.C. Hoch, & P.H. Raven. 2005. Systematics and evolution of *Ludwigia* section *Dantia* (Onagraceae). *Ann. Missouri Bot. Gard.* 92(3):307-359.

Ramamoorthy, T.P. & E.M. Zardini. 1987. The systematics and evolution of *Ludwigia* sect. *Myrtocarpus* sensu lato (Onagraceae). *Monogr. Syst. Bot. Missouri Bot. Gard.* 19:1-120.

natans Elliott = *Ludwigia repens* J.R. Forster

palustris (Linnaeus) Elliott [M&H]

marsh primrose-willow

peploides (Humboldt, Bonpland, & Kunth) Raven subsp. **peploides** [M&H]

floating primrose-willow

Jussiaea repens Linnaeus var. *glabrescens* Kuntze

Jussiaea repens Linnaeus var. *peploides* (Humboldt, Bonpland, & Kunth) Grisebach

repens J.R. Forster [M&H; Peng et al. 2005]

creeping primrose-willow

Ludwigia natans Elliott

Ludwigia repens J.R. Forster var. *rotundata* (Grisebach) Gomes

repens J.R. Forster var. *rotundata* (Grisebach) Gomes = *Ludwigia repens* J.R. Forster

Meriolix serrulata (Nuttall) Walpers = *Calyophus serrulatus* (Nuttall) Raven

Oenothera evening-primrose

Allred, K.W. 1999. New plant distribution records. *The New Mexico Botanist* 13:7. [*Oenothera pallida*]

Dietrich, W., P.H. Raven, & W.L. Wagner. 1985. Revision of *Oenothera* sect. *Oenothera* subsect. *Emersonia* (Onagraceae). *Syst. Bot.* 10(1):29-48.

Dietrich, W. & W.L. Wagner. 1987. A new combination and new subspecies in *Oenothera elata* Kunth (Onagraceae). *Ann. Missouri Bot. Gard.* 74:151-152.

Dietrich, W. & W.L. Wagner. 1988. Systematics of *Oenothera* section *Oenothera* subsection *Raimannia* and subsection *Nutantigemma* (Onagraceae). *Syst. Bot. Monogr.* 24:1-91.

Dietrich, W., W.L. Wagner, & P.H. Raven. 1997. Systematics of *Oenothera* Section *Oenothera* Subsection *Oenothera* (Onagraceae). *Syst. Bot. Monogr.* 50.

Great Plains Flora Association. 1977. Atlas of the Flora of the Great Plains. Iowa State Univ. Press. 600 pp. [*Oenothera triloba*]

Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. *The New Mexico Botanist* 24:1-4. [*O. caespitosa caespitosa*]

Wagner, W.L. 1983. New species and combinations in the genus *Oenothera* (Onagraceae). *Ann. Missouri Bot. Gard.* 70:194-196.

Wagner, W.L. 1984. Reconsideration of *Oenothera* subg. *Gauropsis* (Onagraceae). *Ann. Missouri Bot. Gard.* 71:1114-1127.

Wagner, W.L. 1986. New Taxa in *Oenothera* (Onagraceae). *Ann. Missouri Bot. Gard.* 73:475-480.

Wagner, W.L., R.E. Stockhouse, & W.M. Klein. 1985. The systematics and evolution of the *Oenothera caespitosa* species complex (Onagraceae). *Missouri Bot. Gard. Monogr. Syst. Bot.* 12:1-103.

Worthington, R.D. 2000. New plant distribution records. *The New Mexico Botanist* 15:7. [*Oenothera triloba*]

albicaulis Pursh [M&H; W&S]

white-stem evening-primrose

Anogra albicaulis (Pursh) Britton

Anogra ctenophylla Wootton & Standley

Oenothera ctenophylla (Wootton & Standley) Tidestrom

albicaulis Pursh var. *gypsophila* Eastwood = *Oenothera pallida* Lindley subsp. *runcinata* (Engelmann) Munz & Klein

amplexicaulis Wootton & Standley = *Oenothera pubescens* Willdenow ex Sprengel

australis (Wootton & Standley) Tidestrom = *Oenothera brachycarpa* Gray

***biennis** Linnaeus [M&H]

king's cure-all

Oenothera biennis Linnaeus subsp. *centralis* Munz
biennis Linnaeus subsp. *centralis* Munz = *Oenothera biennis* Linnaeus

brachycarpa Gray [M&H; W&S]
 desert evening-primrose
Lavauxia brachycarpa (Gray) Britton
Lavauxia wrightii (Gray) Small
Oenothera brachycarpa Gray var. *wrightii* (Gray) Leveille
Oenothera caespitosa Nuttall ex Fraser subsp. *australis* (Wooton & Standley) Munz
Oenothera caespitosa Nuttall ex Fraser var. *australis* (Wooton & Standley) Munz
Oenothera australis (Wooton & Standley) Tidestrom
Oenothera wrightii Gray
Pachylophus australis Wooton & Standley
caespitosa Nuttall ex Fraser subsp. *australis* (Wooton & Standley) Munz = *Oenothera brachycarpa* Gray
caespitosa Nuttall ex Fraser subsp. *eximia* (Gray) Munz = *Oenothera caespitosa* Nuttall subsp. *marginata* (Nuttall) Munz
caespitosa Nuttall ex Fraser subsp. ***caespitosa*** [Heil et al. 2002]
 tufted evening-primrose
Oenothera caespitosa Nuttall ex Fraser var. *montana* (Nuttall) Durand
Pachylophus montanus (Nuttall) Rydberg
caespitosa Nuttall ex Fraser subsp. ***macroglottis*** (Rydberg) W.L. Wagner, Stockhouse, & Klein [Wagner et al. 1985; W&S]
 tufted evening-primrose
Pachylophus hirsutus Rydberg
Pachylophus macroglottis Rydberg
caespitosa Nuttall ex Fraser subsp. ***marginata*** (Nuttall ex Hooker & Arnott) Munz [M&H; W&S]
 tufted evening-primrose
Oenothera caespitosa Nuttall ex Fraser subsp. *eximia* (Gray) Munz
Oenothera caespitosa Nuttall ex Fraser var. *eximia* (Gray) Munz
Oenothera caespitosa Nuttall ex Fraser var. *marginata* (Nuttall ex Hooker & Arnott) Durand
Oenothera eximia Gray
Pachylophus eximius (Gray) Wooton & Standley
Pachylophus marginatus (Nuttall ex Hooker & Arnott) Rydberg
caespitosa Nuttall ex Fraser var. *eximia* (Gray) Munz = *Oenothera caespitosa* Nuttall ex Fraser subsp. *marginata* (Nuttall ex Hooker & Arnott) Munz
caespitosa Nuttall ex Fraser var. *marginata* (Nuttall ex Hooker & Arnott) Durand = *Oenothera caespitosa* Nuttall ex Fraser subsp. *marginata* (Nuttall ex Hooker & Arnott) Munz
caespitosa Nuttall ex Fraser subsp. *montana* (Nuttall) Munz = *Oenothera caespitosa* Nuttall ex Fraser subsp. *caespitosa*
caespitosa Nuttall ex Fraser subsp. ***navajoensis*** W.L. Wagner, Stockhouse, & Klein [Wagner et al. 1985; W&S]
 Navajo evening-primrose
Pachylophus caulescens Rydberg
canescens Torrey & Fremont [M&H; W&S]
 spotted evening-primrose
Gaurella canescens (Torrey & Fremont) A. Nelson
Gaurella guttulata Small
chamaenerioides Gray = *Camissonia chamaenerioides* (Gray) Raven
claviformis Torrey & Fremont var. *peeblesii* Munz = *Camissonia claviformis* (Torrey & Fremont) Raven subsp. *peeblesii* (Munz) Raven
coronopifolia Torrey & Gray [M&H; W&S]
 hairy-throat evening-primrose
Anogra coronopifolia (Torrey & Gray) Britton
ctenophylla (Wooton & Standley) Tidestrom = *Oenothera albicaulis* Pursh
deserti M.E. Jones = *Camissonia refracta* (S. Watson) Raven
elata Kunth subsp. ***hirsutissima*** (A. Gray ex S. Watson) Dietrich [Dietrich et al. 1997; M&H; W&S]
 Hooker's evening-primrose
Onagra guttata ined.
Oenothera hirsutissima (Gray) Rydberg
Oenothera hookeri Torrey & Gray subsp. *angustifolia* (Gates) Munz
Oenothera hookeri Torrey & Gray var. *angustifolia* Gates
Oenothera hookeri Torrey & Gray subsp. *hewittii* Cockerell
Oenothera hookeri Torrey & Gray subsp. *hirsutissima* (Gray) Munz
Oenothera irrigua Wooton & Standley
eximia Gray = *Oenothera caespitosa* Nuttall ex Fraser subsp. *marginata* (Nuttall ex Hooker & Arnott) Munz
engelmannii (Small) Munz [M&H; W&S]
 Engelmann's evening-primrose
Anogra engelmannii (Small) Wooton & Standley
filifolia (Eastwood) Tidestrom = *Calylophus hartwegii* (Bentham) Raven subsp. *filifolius* (Eastwood) Towner & Raven
flava (A. Nelson) Garrett subsp. ***flava*** [M&H; W&S]
 long-tube evening-primrose
Lavauxia flava A. Nelson
Lavauxia hamata Wooton & Standley

Oenothera hamata (Wooton & Standley) Tidestrom
flava (A. Nelson) Garrett subsp. **taraxacoides** (Wooton & Standley) W.L. Wagner [M&H; Wagner 1986; W&S]
 long-tube evening-primrose
Lavauxia taraxacoides Wooton & Standley
Oenothera taraxacoides (Wooton & Standley) Munz
grandis (Britton) Smyth [M&H]
 showy evening-primrose
Oenothera laciniata Hill var. *grandiflora* (S. Watson) Robinson
greggii Gray = *Calylophus hartwegii* (Betham) Raven subsp. *pubescens* (Gray) Towner & Raven
greggii Gray var. *lampasana* (Buckley) Munz = *Calylophus hartwegii* (Betham) Raven subsp. *pubescens* (Gray) Towner & Raven
hamata (Wooton & Standley) Tidestrom = *Oenothera flava* (A. Nelson) Garrett subsp. *flava*
hartwegii Benth. s.s. = *Calylophus hartwegii* (Benth.) Raven
hartwegii Benth. var. *fendleri* Gray = *Calylophus hartwegii* (Benth.) Raven subsp. *fendleri* (Gray) Towner & Raven
hartwegii Torrey & Gray subsp. *tourmeyii* (Small) Munz = *Calylophus toumeyii* (Small) Towner
hirsutissima (Gray) Rydberg = *Oenothera elata* Kunth subsp. *hirsutissima* (A. Gray ex S. Watson) W. Dietrich
hookeri Torrey & Gray subsp. *angustifolia* (Gates) Munz = *Oenothera elata* Kunth subsp. *hirsutissima* (A. Gray ex S. Watson) W. Dietrich
hookeri Torrey & Gray var. *angustifolia* Gates = *Oenothera elata* Kunth subsp. *hirsutissima* (A. Gray ex S. Watson) W. Dietrich
hookeri Torrey & Gray subsp. *hewittii* Cockerell = *Oenothera elata* Kunth subsp. *hirsutissima* (A. Gray ex S. Watson) W. Dietrich
hookeri Torrey & Gray subsp. *hirsutissima* (Gray) Munz = *Oenothera elata* Kunth subsp. *hirsutissima* (A. Gray ex S. Watson) W. Dietrich
irrigua Wooton & Standley = *Oenothera elata* Kunth subsp. *hirsutissima* (A. Gray ex S. Watson) W. Dietrich
jamesii Torrey & Gray : Reported as expected by M&H; awaits verification.
kunthiana (Spach) Munz : Reported as expected by M&H; awaits verification.
Hartmannia kunthiana Spach
laciniata Hill [M&H; W&S]
 cut-leaf evening-primrose
Oenothera laciniata Hill var. *mexicana* Small
Oenothera mexicana Spach
Raimannia laciniata (Hill) Rose
Raimannia mexicana (Spach) Wooton & Standley
laciniata Hill var. *grandiflora* (S. Watson) Robinson = *Oenothera grandis* (Britton) Smyth
laciniata Hill var. *mexicana* Small = *Oenothera laciniata* Hill
laciniata Hill subsp. *pubescens* (Willdenow ex Sprengel) Munz = *Oenothera pubescens* Willdenow ex Sprengel
laciniata Hill subsp. *pubescens* (Willdenow ex Sprengel) Munz = *Oenothera pubescens* Willdenow ex Sprengel
latifolia (Rydb.) Munz = *Oenothera pallida* Lindley subsp. *latifolia* (Rydberg) Munz
lavandulifolia Torrey & Gray = *Calylophus lavandulifolius* (Torrey & Gray) Raven
lavandulifolia Torrey & Gray var. *glandulosa* Munz = *Calylophus lavandulifolius* (Torrey & Gray) Raven
longissima Rydberg subsp. **longissima** [M&H]
 long-stem evening-primrose
macrosiphon Wooton & Standley = *Oenothera organensis* Munz
mexicana Spach = *Oenothera laciniata* Hill
multijuga S. Watson var. *orientalis* Munz = *Camissonia walkeri* (A. Nelson) Raven
neomexicana (Small) Munz [M&H; W&S]
 New Mexico evening-primrose
Anogra neomexicana Small
+organensis Munz [M&H; W&S]
 Organ Mountain evening-primrose
Oenothera macrosiphon Wooton & Standley
pallida Lindley subsp. **latifolia** (Rydberg) Munz [M&H; W&S]
 pale evening-primrose
Anogra latifolia Rydberg
Oenothera latifolia (Rydb.) Munz
pallida Lindley subsp. **pallida** [M&H; W&S]
 pale evening-primrose
Anogra pallida (Lindley) Britton
pallida Lindley subsp. **runcinata** (Engelmann) Munz & Klein [M&H; W&S]
 pale evening-primrose
Anogra albicaulis Britton var. *runcinata* Engelmann
Anogra gypsophila (Eastwood) Heller
Anogra leucotricha Wooton & Standley
Anogra pallida (Lindley) Britton var. *runcinata* (Engelmann) Small
Anogra runcinata (Engelmann) Wooton & Standley
Oenothera albicaulis Pursh var. *gypsophila* Eastwood
Oenothera runcinata (Engelmann) Munz
Oenothera runcinata (Engelmann) Munz var. *brevifolia* (Engelmann) Munz
Oenothera runcinata (Engelmann) Munz var. *gypsophila* (Eastwood) Munz
Oenothera runcinata (Engelmann) Munz var. *leucotricha* (Wooton & Standley) Standley
pallida Lindley subsp. **trichocalyx** (Nuttall ex Torrey & Gray) Munz & Klein [Allred 1999]

pale evening-primrose
Oenothera trichocalyx Nuttall ex Torrey & Gray

primiveris Gray subsp. **primiveris** [M&H; W&S]
 early evening-primrose
Lavauxia primiveris (Gray) Small

procera Wooton & Standley = *Oenothera villosa* Thunberg subsp. *strigosa* (Rydberg) W. Dietrich & P.H. Raven

pubescens Willdenow ex Sprengel [Dietrich & Wagner 1988; M&H]
 South American evening-primrose
Anogra amplexicaulis (Wooton & Standley) Tidestrom
Oenothera amplexicaulis Wooton & Standley
Oenothera laciniata Hill subsp. *pubescens* (Willdenow ex Sprengel) Munz
Oenothera laciniata Hill var. *pubescens* (Willdenow ex Sprengel) Munz

refracta S. Watson = *Camissonia refracta* (S. Watson) Raven

rhombipetala Nuttall ex Torrey & Gray [Dietrich & Wagner 1988]
 four-points evening-primrose

rosea L'Héretier ex Aiton [M&H; W&S]
 rose evening-primrose
Hartmannia rosea (Aiton) G. Don

runcinata (Engelmann) Munz = *Oenothera pallida* Lindley subsp. *runcinata* (Engelmann) Munz & Klein
runcinata (Engelmann) Munz var. *brevifolia* (Engelmann) Munz = *Oenothera pallida* Lindley subsp. *runcinata* (Engelmann) Munz & Klein
runcinata (Engelmann) Munz var. *gypsophila* (Eastwood) Munz = *Oenothera pallida* Lindley subsp. *runcinata* (Engelmann) Munz & Klein
runcinata (Engelmann) Munz var. *leucotricha* (Wooton & Standley) Standley = *Oenothera pallida* Lindley subsp. *runcinata* (Engelmann) Munz & Klein

scapoidea Nuttall ex Torrey & Gray = *Camissonia scapoidea* (Nuttall ex Torrey & Gray) Raven subsp. *scapoidea*

serrulata Nuttall = *Calylophus serrulatus* (Nuttall) Raven

speciosa Nuttall [M&H; W&S]
 pink-ladies
Hartmannia speciosa (Nuttall) Small

strigosa (Rydberg) Mackenzie & Bush = *Oenothera villosa* Thunberg subsp. *strigosa* (Rydberg) W. Dietrich & P.H. Raven
taraxacoides (Wooton & Standley) Munz = *Oenothera flava* (A. Nelson) Garrett subsp. *taraxacoides* (Wooton & Standley) W.L. Wagner
trichocalyx Nuttall ex Torrey & Gray = *Oenothera pallida* Lindley subsp. *trichocalyx* (Nuttall ex Torrey & Gray) Munz & Klein

triloba Nuttall [Great Plains Flora Association 1977; Worthington 2000]
 stemless evening-primrose
tubicola Gray = *Calylophus tubicola* (Gray) Raven
tubicola Gray var. *filifolia* Eastwood = *Calylophus hartwegii* (Benth) Raven subsp. *filifolius* (Eastwood) Towner & Raven

villosa Thunberg subsp. **strigosa** (Rydberg) W. Dietrich & P.H. Raven [Dietrich et al. 1997; M&H; W&S]
 hairy evening-primrose
Oenothera procera Wooton & Standley
Oenothera strigosa (Rydberg) Mackenzie & Bush

wrightii Gray = *Oenothera brachycarpa* Gray

Onagra guttata "Greene" : This name was never validly published, though it was attributed to Greene; plants called this are referred to *Oenothera elata* Kunth subsp. *hirsutissima* (A. Gray ex S. Watson) W. Dietrich (Dietrich et al. 1997).

Pachylophus australis Wooton & Standley = *Oenothera brachycarpa* Gray
caulescens Rydberg = *Oenothera caespitosa* Nuttall subsp. *navajoensis* W.L. Wagner, Stockhouse, & Klein
eximius (Gray) Wooton & Standley = *Oenothera caespitosa* Nuttall subsp. *marginata* (Nuttall) Munz
hirsutus Rydberg = *Oenothera caespitosa* Nuttall subsp. *macroglottis* (Rydberg) W.L. Wagner, Stockhouse, & Klein
macroglottis Rydberg = *Oenothera caespitosa* Nuttall subsp. *macroglottis* (Rydberg) W.L. Wagner, Stockhouse, & Klein
marginatus (Nuttall ex Hooker & Arnott) Rydberg = *Oenothera caespitosa* Nuttall subsp. *marginata* (Nuttall ex Hooker & Arnott) Munz
Pachylophus montanus (Nuttall) Rydberg = *Oenothera caespitosa* Nuttall subsp. *caespitosa*

Raimannia laciniata (Hill) Rose = *Oenothera laciniata* Hill
mexicana (Spach) Wooton & Standley = *Oenothera laciniata* Hill

Sphaerostigma chamaenerioides (Gray) Small = *Camissonia chamaenerioides* (Gray) Raven
deserti (M.E. Jones) Heller = *Camissonia refracta* (S. Watson) Raven
refractum (S. Watson) Small = *Camissonia refracta* (S. Watson) Raven

Stenosiphon false-gaura
 Sublette, M. 1980. A record of *Stenosiphon linifolius* (Nutt.) Heynh. (Onagraceae) from New Mexico. Southwest. Nat. 25(1): 103.
linifolius (Nuttall ex James) Heynh. [M&H; Sublette 1980]
 false-gaura

Zauschneria arizonica A. Davidson = *Epilobium canum* (Greene) Raven var. *latifolium* (Hooker) N.H. Holmgren & P.K. Holmgren
californica Presl subsp. *latifolia* (Hooker) Keck = *Epilobium canum* (Greene) Raven var. *latifolium* (Hooker) N.H. Holmgren & P.K. Holmgren
latifolia Greene var. *arizonica* (A. Davidson) Hilend = *Epilobium canum* (Greene) Raven var. *latifolium* (Hooker) N.H. Holmgren & P.K. Holmgren

Family OROBANCHACEAE

Aphyllon arenosa Suksdorf = *Orobancha ludoviciana* Nuttall subsp. *ludoviciana*

Conopholis Indian-root

Haynes, R.R. 1969. *Conopholis alpina* Liebm. var. *mexicana* (Gray ex Watson) Haynes, comb. nov. Sida 3:347.

alpina Leibman var. *mexicana* (Gray ex S. Watson) Haynes [Haynes 1969; M&H; W&S]

Mexican Indian-root

Conopholis mexicana Gray ex S. Watson

Orobanche multiflora Nuttall var. *xanthochroa* (A. Nelson & Cockerell) Munz

Orobanche xanthochroa A. Nelson & Cockerell

mexicana Gray ex S. Watson = *Conopholis alpina* Leibman var. *mexicana* (Gray ex S. Watson) Haynes

Myzorrhiza ludoviciana (Nuttall) Rydberg = *Orobanche ludoviciana* Nuttall

multiflora (Nuttall) Rydberg = *Orobanche ludoviciana* Nuttall subsp. *multiflora* (Nuttall) Collins

Orobanche broom-rape

Achey, D.M. 1933. A revision of the section *Gymnocaulis* of the genus *Orobanche*. Bull. Torrey Bot. Club 60:441-451.

Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4. [*O. corymbosa*]

Munz, P.A. 1931. The North American species of *Orobanche*, section *Myzorrhiza*. Bull. Torrey Bot. Club 57:611-624.

White, H.L. & W.C. Holmes. 2001. Validation of the name *Orobanche ludoviciana* subsp. *multiflora* (Orobanchaceae). Sida 19(3):623-624.

cooperi (Gray) Heller subsp. *cooperi* [M&H]

desert broom-rape

Orobanche ludoviciana Nuttall var. *cooperi* (Gray) G. Beck

Orobanche ludoviciana Nuttall var. *latiloba* Munz

corymbosa (Rydberg) Ferris [Heil et al. 2002]

flat-top broom-rape

fasciculata Nuttall [M&H; W&S]

clustered broom-rape

Orobanche fasciculata Nuttall var. *lutea* (Parry) Achey

Thalesia fasciculata (Nuttall) Britton

Thalesia lutea (Parry) Rydberg

fasciculata Nuttall var. *lutea* (Parry) Achey = *Orobanche fasciculata* Nuttall

ludoviciana Nuttall var. *arenosa* (Suksdorf) Cronquist = *Orobanche ludoviciana* Nuttall subsp. *ludoviciana*

ludoviciana Nuttall var. *cooperi* (Gray) G. Beck = *Orobanche cooperi* (Gray) Heller

ludoviciana Nuttall var. *latiloba* Munz = *Orobanche cooperi* (Gray) Heller

ludoviciana Nuttall subsp. *ludoviciana* [M&H; W&S]

Louisiana broom-rape

Aphyllon arenosa Suksdorf

Orobanche multiflora Nuttall var. *arenosa* (Suksdorf) Munz

Myzorrhiza ludoviciana (Nuttall) Rydberg

ludoviciana Nuttall subsp. *multiflora* (Nuttall) Collins ex H.L. White & W.C. Holmes [M&H; W&S]

Louisiana broom-rape

Myzorrhiza multiflora (Nuttall) Rydberg

Orobanche multiflora Nuttall

multicaulis Brandeg. : Reported without documentation by Kartesz (1999); awaits verification.

multiflora Nuttall = *Orobanche ludoviciana* Nuttall subsp. *multiflora* (Nuttall) Collins

multiflora Nuttall var. *arenosa* (Suksdorf) Munz = *Orobanche ludoviciana* Nuttall subsp. *ludoviciana*

multiflora Nuttall var. *xanthochroa* (A. Nelson & Cockerell) Munz = *Conopholis alpina* Leibman var. *mexicana* (Gray ex S. Watson)

Haynes

uniflora Linnaeus [M&H]

naked broom-rape

xanthochroa A. Nelson & Cockerell = *Conopholis alpina* Leibman var. *mexicana* (Gray ex S. Watson) Haynes

Thalesia fasciculata (Nuttall) Britton = *Orobanche fasciculata* Nuttall

lutea (Parry) Rydberg = *Orobanche fasciculata* Nuttall

Family OXALIDACEAE

Ionoxalis amplifolia (Trelease) Rose = *Oxalis latifolia* Trelease

caerulea Small = *Oxalis caerulea* (Small) Knuth

grayi Rose = *Oxalis decaphylla* Humboldt, Bonpland, & Kunth

metcalfei Small = *Oxalis alpina* (Rose) Knuth

monticola Small = *Oxalis alpina* (Rose) Knuth

violacea (Linnaeus) Small = *Oxalis violacea* Linnaeus

Oxalis wood-sorrel

Denton, M.F. 1973. A monograph of *Oxalis*, section *Inoxalis* (Oxalidaceae) in North America. Publ. of the Museum, Michigan State University Biological Series 4(10):455-615.

Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. Sida 11(4):455-470. [*Oxalis corniculata* var. *pilosa*]

Turner, B.L. 1994. Regional variation in the North American elements of *Oxalis corniculata* (Oxalidaceae). Phytologia 77(1):1-7.

albicans Humboldt, Bonpland, & Kunth = *Oxalis corniculata* Linnaeus var. *wrightii* (A. Gray) B.L. Turner [Turner 1994]

alpina (Rose) Rose ex Knuth [Denton 1973; M&H; W&S]

alpine wood-sorrel

Ionoxalis metcalfei Small

Ionoxalis monticola Small

Oxalis bulbosa A. Nelson

Oxalis metcalfei (Small) Knuth

Oxalis monticola Small

- amplifolia* (Trelease) Knuth = *Oxalis latifolia* Trellease
bulbosa A. Nelson = *Oxalis alpina* (Rose) Rose ex Knuth
caerulea (Small) Knuth [Denton 1973; W&S]
 blue wood-sorrel
Ionoxalis caerulea Small
corniculata Linnaeus var. ***pilosa*** (Nuttall ex Torrey & Gray) B.L. Turner [Spellenberg et al. 1986; Turner 1994]
 yellow wood-sorrel
Oxalis pilosa Nuttall
corniculata Linnaeus var. ***wrightii*** (A. Gray) B.L. Turner [M&H; Turner 1994; W&S]
 Wright's yellow wood-sorrel
Oxalis albicans Humboldt, Bonpland, & Kunth
Oxalis stricta sensu NM authors, not Linnaeus
Oxalis wrightii Gray
Xanthoxalis albicans (Humboldt, Bonpland, & Kunth) Small
Xanthoxalis wrightii (Gray) Abrams
decaphylla Humboldt, Bonpland, & Kunth [Denton 1973; M&H; W&S]
 ten-leaf wood-sorrel
Ionoxalis grayi Rose
Oxalis grayi (Rose) Knuth
 dillenii Jacquin [=*Oxalis stricta* Linnaeus] : Reported by M&H, but this material referred to *Oxalis corniculata* Linnaeus var. *wrightii* (A. Gray) B.L. Turner; *Oxalis stricta* Linnaeus not known from NM fide Turner (1994).
divergens Benthham var. *amplifolia* Trellease = *Oxalis latifolia* Trellease
grayi (Rose) Knuth = *Oxalis decaphylla* Humboldt, Bonpland, & Kunth
latifolia Trellease [Denton 1973; M&H; W&S]
 broad-leaf wood-sorrel
Oxalis amplifolia (Trellease) Knuth
Oxalis divergens Benthham var. *amplifolia* Trellease
Ionoxalis amplifolia (Trellease) Rose
metcalfei (Small) Knuth = *Oxalis alpina* (Rose) Knuth
monticola Small = *Oxalis alpina* (Rose) Knuth
pilosa Nuttall = *Oxalis corniculata* Linnaeus var. *pilosa* (Nuttall ex Torrey & Gray) B.L. Turner
stricta sensu NM authors, not Linnaeus = *Oxalis corniculata* Linnaeus var. *wrightii* (A. Gray) B.L. Turner
violacea Linnaeus [Denton 1973; M&H; W&S]
 violet wood-sorrel
Ionoxalis violacea (Linnaeus) Small
wrightii Gray = *Oxalis corniculata* Linnaeus var. *wrightii* (A. Gray) B.L. Turner
Xanthoxalis albicans (Humboldt, Bonpland, & Kunth) Small = *Oxalis albicans* Humboldt, Bonpland, & Kunth
stricta sensu NM authors, not (Linnaeus) Small = *Oxalis corniculata* Linnaeus var. *wrightii* (A. Gray) B.L. Turner
wrightii (Gray) Abrams = *Oxalis corniculata* Linnaeus var. *wrightii* (A. Gray) B.L. Turner

Family PAPAVERACEAE

- Argemone*** prickly-poppy
 Ownbey, G.B. 1958. Monograph of the genus *Argemone* for North America and the West Indies. Mem. Torrey Bot. Club 21(1):1-159.
 Ownbey, G.B. 1997. *Argemone*, pp. 314-322. IN: Flora of North America, vol. 3. Oxford University Press.
 Schwarzbach, A.E. & J.W. Kadereit. 1999. Phylogeny of prickly poppies, *Argemone* (Papaveraceae), and the evolution of morphological and alkaloid characters based on ITS nrDNA sequence variation. Plant Syst. Evol. 218:257-279.
 aenea G.B. Ownbey : Reported by Kartesz (1999) without documentation; awaits verification.
hispida Gray [Ownbey 1997; M&H; W&S]
 rough prickly-poppy
Argemone platyceras Link & Otto
intermedia Sweet = *Argemone polyanthemus* (Fedde) G. Ownbey
intermedia Sweet var. *polyanthemus* Fedde = *Argemone polyanthemus* (Fedde) G. Ownbey
platyceras Link & Otto = *Argemone hispida* Gray
 +***pleiakantha*** Greene subsp. ***pinnatisecta*** G. Ownbey [Ownbey 1997; M&H]
 Sacramento prickly-poppy
pleiakantha Greene subsp. ***pleiakantha*** [Ownbey 1997; M&H]
 southwestern prickly-poppy
polyanthemus (Fedde) G. Ownbey [Ownbey 1997; M&H; W&S]
 white prickly-poppy
Argemone intermedia Sweet
Argemone intermedia Sweet var. *polyanthemus* Fedde
squarrosa Greene subsp. ***glabrata*** G. Ownbey [Ownbey 1997; M&H]
 hedgehog prickly-poppy
squarrosa Greene subsp. ***squarrosa*** [M&H; Ownbey 1997; W&S]
 hedgehog prickly-poppy
Eschscholtzia poppy
 Clark, C. 1978. Systematic studies of *Eschscholtzia* (Papaveraceae). I. The origin and affinities of *E. mexicana*. Syst. Bot. 3(4):374-385.

californica Chamisso subsp. *mexicana* (Greene) C. Clark [M&H; W&S]

Mexican poppy

Eschscholtzia mexicana Greene

Eschscholtzia parvula (Gray) Cockerell

mexicana Greene = *Eschscholtzia californica* Chamisso subsp. *mexicana* (Greene) C. Clark

parvula (Gray) Cockerell = *Eschscholtzia californica* Chamisso subsp. *mexicana* (Greene) C. Clark

Papaver poppy

Kiger, R.W. & D.F. Murray. 1997. *Papaver*, pp. 323-333. IN: Flora of North America, vol. 3. Oxford University Press.

Spellenberg, R., L. McIntosh, and L. Brouillet. 1993. New records of angiosperms from southern New Mexico. *Phytologia* 75:224-230. [*Papaver somniferum*]

coloradense Fedde = *Papaver radicum* Rottboell var. *kluanensis* (Löve) Murray

kluanensis D.Löve = *Papaver radicum* Rottboell var. *kluanensis* (Löve) Murray

radicum Rottboell var. **kluanensis** (Löve) Murray [Kiger & Murray 1997; M&H; W&S]

arctic poppy

Papaver coloradense Fedde

Papaver kluanensis D.Löve

nudicaule Linnaeus var. *radicum* (Rottboell) A.P. de Candolle [= *Papaver radicum* Rottboell subsp. *radicum*] : Reported as expected by M&H map, but Kiger & Murray (1997) restrict this taxon to polar regions at the northernmost latitudes.

***rhoeas** Linnaeus [Kiger & Murray 1997; Spellenberg et al. 1993]

corn poppy

***somniferum** Linnaeus [Kiger & Murray 1997; M&H; W&S]

opium poppy

Family PARNASSIACEAE

Morgan, D.R. & D.E. Soltis. 1993. Phylogenetic relationships among members of Saxifragaceae sensu lato based on *rbcL* sequence data. *Ann. Missouri Bot. Gard.* 80:631-660.

Parnassia grass-of-Parnassus

fimbriata König [M&H; W&S]

fringed grass-of-Parnassus

palustris Linnaeus var. **montanensis** (Fernald & Rydberg ex Rydberg) C.L. Hitchcock [M&H; W&S]

marshy grass-of-Parnassus

Parnassia parviflora sensu NM authors

parviflora sensu NM authors = *Parnassia palustris* Linnaeus var. *montanensis* (Fernald & Rydberg ex Rydberg) C.L. Hitchcock

Family PASSIFLORACEAE

Passiflora passionflower

tenuiloba Engelmänn [M&H]

passionflower

Family PEDALIACEAE

[Martyniaceae]

Martynia altheaifolia Bentham = *Proboscidea altheaifolia* (Bentham) Decaisne

arenaria Engelmänn = *Proboscidea altheaifolia* (Bentham) Decaisne

louisianica Miller = *Proboscidea louisianica* (Miller) Thellung

parviflora Wooton = *Proboscidea parviflora* (Wooton) Wooton & Standley

Proboscidea devil's-claw

Bretting, P.K. 1982. Range extension of *Proboscidea sabulosa* Correll (Martyniaceae), a sand dune endemic. *Southw. Naturalist* 27:228.

Bretting, P.K. 1983. The taxonomic relationship between *Proboscidea louisianica* and *Proboscidea fragrans* (Martyniaceae). *Southw. Natural.* 28:445-449.

arenaria (Engelmänn) Decaisne = *Proboscidea altheaifolia* (Bentham) Decaisne

altheaifolia (Bentham) Decaisne [M&H; W&S]

hollyhock devil's-claw

Martynia altheaifolia Bentham

Proboscidea arenaria (Engelmänn) Decaisne

Martynia arenaria Engelmänn

louisiana (Miller) Wooton & Standley = *Proboscidea louisianica* (Miller) Thellung

louisianica (Miller) Thellung subsp. **louisianica** [M&H; W&S]

ram's-horn devil's-claw

Martynia louisianica Miller

parviflora (Wooton) Wooton & Standley [M&H; W&S]

Wooton's devil's-claw

Martynia parviflora Wooton

sabulosa Correll [Bretting 1982]

sand-dune devil's claw

Family PHYTOLACCACEAE

Nienaber, M.A. & J.W. Thieret. 2003. *Phytolaccaceae*, pp. 3-11. IN: Flora of North America, vol. 4. Oxford University Press, New York.

Phytolacca pokeweed

McGrath, J. 1999. New plant distribution records. *The New Mexico Botanist* 12:8. [*Phytolacca americana*]

americana Linnaeus var. *americana* [McGrath 1999; Nienaber & Thieret 2003]

American pokeweed

Rivina humble-weed

humilis Linnaeus [M&H; Nienaber & Thieret 2003; W&S]

humble-weed

Rivina portulacoides Nuttall

portulacoides Nuttall = *Rivina humilis* Linnaeus

Family PINGUICULACEAE = LENTIBULARIACEAE

Family PLANTAGINACEAE

Plantago plantain

Bassett, I.J. 1966. Taxonomy of North American *Plantago* L., section *Micropsyllium* Decne. Can. J. Bot. 44:467-479.

Bassett, I.J. 1967. Taxonomy of *Plantago* L. in North America: Sections *Holopsyllium*, *Pilger*, *Palaeopsyllium* Pilger, and *Lamprosantha* Decne. Can. J. Bot. 45:565-577.

McIntosh, L. 1996. Seven additions to the flora of New Mexico. Phytologia 81(5):365-368. [*Plantago bigelovii* subsp. *californica*]

Rahn, K. 1974. *Plantago* section *Virginica*, a taxonomic revision of a group of American plantains, using experimental, taximetric, and classical methods. Dansk. Bot. Ark. 30:1-178.

Sivinski, R. 1993. Noteworthy collections (New Mexico). Madroño 40:273-274. [*Plantago elongata*]

Sivinski, R. 1997. New plant distribution records. The New Mexico Botanist 5:8. [*Plantago wrightiana*]

Sivinski, R. 2001. The genus *Plantago* (Plantaginaceae) in New Mexico. The New Mexico Botanist 18:1-3.

Spellenberg, R., M. Mahrt & R. Brozka. 1991. Noteworthy collections, New Mexico. Madroño 38:298-301. [*Plantago virginica*]

argyraea Morris [M&H; Sivinski 2001; W&S]

salt-meadow plantain

aristata Michaux : Reported as expected by M&H map; awaits verification.

bigelovii Gray subsp. *californica* (Greene) Bassett [McIntosh 1996]

coastal plantain

Plantago californica Greene

californica Greene = *Plantago bigelovii* Gray subsp. *californica* (Greene) Bassett

elongata Pursh subsp. *elongata* [Sivinski 1993; Sivinski 2001]

prairie plantain

Plantago myosuroides Rydberg

eriopoda Torrey [M&H; Sivinski 2001; W&S]

wooly plantain

helleri Small [M&H; Sivinski 2001]

Heller's plantain

heterophylla Nuttall : Reported as expected by M&H map; this seems unlikely in view of the distribution reported by Bassett (1966).

hirtella Kunth var. *galeottiana* (Decaisne) Pilger : Reported as expected by M&H; awaits verification.

**lanceolata* Linnaeus [M&H; Sivinski 2001; W&S]

English plantain

**major* Linnaeus [M&H; Sivinski 2001; W&S]

great plantain

myosuroides Rydberg = *Plantago elongata* Pursh

oblonga Morris = *Plantago patagonica* Jacquin

patagonica Jacquin [M&H; Sivinski 2001; W&S]

wooly plantain

Plantago purshii Roemer & Schultes

Plantago purshii Roemer & Schultes var. *picta* (Morris) Pilger

Plantago oblonga Morris

Plantago picta Morris

Plantago spinulosa Decaisne

picta Morris = *Plantago patagonica* Jacquin

purshii Roemer & Schultes var. *picta* (Morris) Pilger = *Plantago patagonica* Jacquin

purshii Roemer & Schultes = *Plantago patagonica* Jacquin

rhodosperma Decaisne [M&H; Sivinski 2001]

red-seed plantain

spinulosa Decaisne = *Plantago patagonica* Jacquin

tweedyi Gray [M&H; Sivinski 2001; W&S]

Tweedy's plantain

virginica Linnaeus [Sivinski 2001; Spellenberg et al. 1991]

pale-seed plantain

wrightiana Decaisne [Great Plains Flora Association 1977; Sivinski 1997; Sivinski 2001]

Wright plantain

Family PLATANACEAE

Kaul, R.B. 1997. 1997. Platanaceae, pp. 358-361. IN: Flora North America, Vol. 3. Oxford Univ. Press.

Platanus sycamore

racemosa Nuttall var. *wrightii* (S. Watson) L. Benson = *Platanus wrightii* S. Watson
wrightii S. Watson [M&H; W&S]
Arizona sycamore
Platanus racemosa Nuttall var. *wrightii* (S. Watson) L. Benson

Family PLUMBAGINACEAE

Limonium sea-lavender
limbatum Small [M&H; W&S]
southwestern sea-lavender

Family POLEMONIACEAE

Cronquist, Q. 1984. Polemoniaceae, pp. 86-155. IN: Intermountain Flora, vol. 4. New York Botanical Garden.
Grant, V. 1998. Primary classification and phylogeny of the Polemoniaceae, with comments on molecular cladistics. Amer. J. Bot. 85(6):741-752.
Porter, J.M. & L.A. Johnson. 2000. A phylogenetic classification of Polemoniaceae. Aliso 19(1):55-91.

Aliciella *gilia*
Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4. [A. *triodon*]
+formosa (Greene ex Brand) J.M. Porter [M&H; W&S]
Aztec *gilia*
Gilia formosa Greene ex Brand
haydenii (A. Gray) J.M. Porter [M&H; W&S]
San Juan *gilia*
Gilia crandallii Rydberg
Gilia haydenii A. Gray
leptomeria (A. Gray) J.M. Porter [M&H; W&S]
sand *gilia*
Gilia leptomeria A. Gray
pinnatifida (Nuttall ex A. Gray) J.M. Porter [M&H; W&S]
sticky *gilia*
Gilia calcarea M.E. Jones
Gilia pinnatifida Nuttall ex A. Gray
Gilia viscida Wooton & Standley
triodon (Eastwood) Brand [Heil et al. 2002]
coyote *Gilia*
Gilia triodon Eastwood
Callisteris collina Greene = *Ipomopsis aggregata* (Pursh) V. Grant subsp. *collina* (Greene) Wilken & Allard
Collomia mountain-trumpet
Wherry, E.T. 1944. Review of the genera *Collomia* and *Gymnosteris*. Amer. Midl. Naturalist 31:216-231.
grandiflora Douglas ex Lindley : Reported as expected by M&H; awaits verification.
Gilia grandiflora (Douglas ex Lindley) Gray
Navarretia grandiflora (Douglas ex Lindley) Kuntze
linearis Nuttall [M&H; W&S]
narrow-leaf mountain-trumpet
Gilia linearis (Nuttall) Gray
Navarretia linearis (Nuttall) Kuntze
micrantha Kellogg = *Microsteris gracilis* (Hooker) Greene
Dactylophyllum aureum (Nuttall) Heller = *Leptosiphon aureum* (Nuttall) J.M. Porter & L.A. Johnson
Eriastrum wooly-star
Harrison, H.K. 1972. Contributions to the study of the genus *Eriastrum*. II. Notes concerning the type specimens and descriptions of the species. Brigham Young University Science Bull. 16(4):1-26.
diffusum (Gray) Mason [M&H; W&S]
miniature wooly-star
Gilia filifolia Nuttall var. *diffusa* Gray
Eriastrum filifolium (Nuttall) Wooton & Standley
filifolium (Nuttall) Wooton & Standley = *Eriastrum diffusum* (Gray) Mason
Gilia *gilia*
Grant, V. 1998. Classification of the genus *Gilia* (Polemoniaceae). Phytologia 84(2):69-86.
Grant, V. & D. Wilken. 1986. Taxonomy of the *Ipomopsis aggregata* group (Polemoniaceae). Bot. Gaz. 147(3):359-371.
Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4. [G. *capitata*, *G. ophthalmoides*]
Soreng, R. 1984. *Ipomopsis pinnata* (Polemoniaceae) in the United States. Madroño 31:189-190.
Sivinski, R., T. Lowrey, & R. Peterson. 1994. Additions to the native and adventive flora of New Mexico. Phytologia 76(6):473-479. [*Gilia stellata*]
acerosa (Gray) Britton = *Giliastrum acerosum* (Gray) Rydberg
aggregata (Pursh) Sprengel = *Ipomopsis aggregata* (Pursh) V. Grant
aggregata (Pursh) Sprengel subsp. *formosissima* (Greene) Wherry = *Ipomopsis aggregata* (Pursh) V. Grant subsp. *formosissima* (Greene) Wherry
aggregata (Pursh) V. Grant var. *texana* (Greene) Shinnars = *Ipomopsis aggregata* (Pursh) V. Grant subsp. *formosissima* (Greene) Wherry
bigelovii Gray = *Linanthus bigelovii* (Gray) Greene

brachysiphon Wooton & Standley = *Ipomopsis multiflora* (Nuttall) V. Grant
brandegeei Gray = *Polemonium brandegeei* (Gray) Greene
calcarea M.E. Jones = *Aliciella pinnatifida* (Nuttall ex A. Gray) J.M. Porter
campylantha Wooton & Standley = *Ipomopsis pinnata* (Cavanilles) V. Grant
candida Rydberg = *Ipomopsis aggregata* (Pursh) V. Grant subsp. *candida* (Rydberg) V. Grant
candida Rydberg subsp. *collina* (Greene) Wherry = *Ipomopsis aggregata* (Pursh) V. Grant subsp. *collina* (Greene) Wilken & Allard
candida Rydberg forma *vera* Wherry = *Ipomopsis aggregata* (Pursh) V. Grant subsp. *candida* (Rydberg) V. Grant
capitata Sims [Heil et al. 2002]

blue-head gilia

clokeyi Mason = *Gilia inconspicua* (J.E. Smith) Sweet
crandallii Rydberg = *Aliciella haydenii* (A. Gray) J.M. Porter
crebifolia Nuttall = *Ipomopsis congesta* (Hooker) V. Grant var. *crebifolia* (Nuttall) A. Gray
filifolia Nuttall var. *diffusa* Gray = *Eriastrum diffusum* (Gray) Mason

flavocincta A. Nelson subsp. ***australis*** (A. & V. Grant) Day and V. Grant [M&H]

yellow-throat gilia

Gilia ophthalmoides Brand subsp. *australis* A. & V. Grant
floribunda Gray = *Leptosiphon nuttallii* (Gray) J.M. Porter subsp. *nuttallii* (not occurring in NM)
formosa Greene ex Brand = *Aliciella formosa* (Greene ex Brand) J.M. Porter
formosissima (Greene) Wooton & Standley = *Ipomopsis aggregata* (Pursh) V. Grant subsp. *formosissima* (Greene) Wherry
gracilis Hooker = *Microsteris gracilis* (Hooker) Greene
grandiflora (Douglas ex Lindley) Gray = *Collomia grandiflora* (Douglas ex Lindley) Gray
greeneana Wooton & Standley = *Ipomopsis aggregata* (Pursh) V. Grant subsp. *candida* (Rydberg) V. Grant
gunnisonii Torrey & Gray = *Ipomopsis gunnisonii* (Torrey & Gray) V. Grant
haydenii A. Gray = *Aliciella haydenii* (A. Gray) J.M. Porter
incisa Bentham = *Giliastrum incisum* (Bentham) J.M. Porter

inconspicua (J.E. Smith) Sweet [M&H; W&S]

shy gilia

Gilia clokeyi Mason
Gilia ophthalmoides Brand subsp. *clokeyi* (Mason) A. & V. Grant
Ipomopsis inconspicua J.E. Smith
inconspicua (J.E. Smith) Sweet var. *sinuata* (Douglas ex Bentham) A. Gray = *Gilia sinuata* Douglas ex Bentham
floribunda Gray = *Leptosiphon nuttallii* subsp. *tenuilobus* (R. Patterson) ined.
laxiflora (Coulter) Osterhout = *Ipomopsis laxiflora* (Coulter) V. Grant
leptomeria Gray = *Aliciella leptomeria* (Gray) J.M. Porter
lindheimeriana Scheele = *Giliastrum incisum* (Bentham) J.M. Porter
linearis (Nuttall) Gray = *Collomia linearis* Nuttall
longiflora (Torrey) G. Don = *Ipomopsis longiflora* (Torrey) V. Grant subsp. *longiflora*
macombii Torrey ex Gray = *Ipomopsis macombii* (Torrey ex Gray) V. Grant
macombii Torrey var. *laxiflora* Coulter = *Ipomopsis laxiflora* (Coulter) V. Grant

mexicana A. & V. Grant [M&H]

El Paso gilia

multiflora Nuttall = *Ipomopsis multiflora* (Nuttall) V. Grant

ophthalmoides Brand [Heil et al. 2002]

eyed gilia

ophthalmoides Brand subsp. *australis* A. & V. Grant = *Gilia flavocincta* A. Nelson subsp. *australis* (A. & V. Grant) Day and V. Grant
ophthalmoides Brand subsp. *clokeyi* (Mason) A. & V. Grant = *Gilia inconspicua* (J.E. Smith) Sweet
peremans Shinnars = *Giliastrum incisum* (Bentham) J.M. Porter
pinnatifida Nuttall ex A. Gray = *Aliciella pinnatifida* (Nuttall ex A. Gray) J.M. Porter
polyantha Rydberg = *Ipomopsis polyantha* (Rydberg) V. Grant
polycladon Torrey = *Ipomopsis polycladon* (Torrey) V. Grant
pringlei Gray = *Ipomopsis pringlei* (Gray) Henrard
pumila Nuttall = *Ipomopsis pumila* (Nuttall) V. Grant
pungens (Torrey) Bentham = *Linanthus pungens* (Torrey) J.M. Porter & L.A. Johnson
rigidula Bentham s.s. = *Giliastrum rigidulum* (Bentham) Rydberg
rigidula Bentham subsp. *acerosa* (Gray) Wherry = *Giliastrum acerosum* (A. Gray) Rydberg

sinuata Douglas ex Bentham [M&H]

rosy gilia

Gilia inconspicua (J.E. Smith) Sweet var. *sinuata* (Douglas ex Bentham) A. Gray
spicata Nuttall = *Ipomopsis spicata* (Nuttall) V. Grant

stellata Heller [Sivinski et al. 1994]

star gilia

subnuda Torrey ex Gray subsp. ***subnuda*** [M&H; W&S]

coral gilia

subnuda Torrey ex Gray subsp. ***superba*** (Eastwood) Brand [M&H]

coral gilia

texana (Greene) Wooton & Standley = *Ipomopsis aggregata* (Pursh) V. Grant subsp. *formosissima* (Greene) Wherry
thurberi Torrey ex Gray = *Ipomopsis thurberi* (Torrey ex Gray) V. Grant
triodon Eastwood = *Aliciella triodon* (Eastwood) Brand

viscida Wooton & Standley = *Aliciella pinnatifida* (Nuttall ex A. Gray) J.M. Porter

Giliastrum blue-bowls

acerosum (A. Gray) Rydberg [M&H; W&S]

spiny blue-bowls

Gilia acerosa (Gray) Britton

Gilia rigidula Bentham subsp. *acerosa* (Gray) Wherry

incisum (Bentham) J.M. Porter [M&H]

split-leaf blue-bowls

Gilia incisum Bentham

Gilia lindheimeriana Scheele

Gilia perennans Shinnery

rigidulum (Bentham) Rydberg [M&H]

blue-bowls

Gilia rigidula Bentham

Ipomopsis skyrocket

Fletcher, R. & W.L. Wagner. 1984. A new subspecies of *Ipomopsis longiflora* (Polemoniaceae) from Arizona, New Mexico, and northern Mexico. *Madroño* 31:20-23.

Grant, V. & D. Wilken. 1986. Taxonomy of the *Ipomopsis aggregata* group (Polemoniaceae). *Bot. Gaz.* 147(3):359-371.

Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. *The New Mexico Botanist* 24:1-4. [*I. aggregata aggregata*]

Soreng, R. 1984. *Ipomopsis pinnata* (Polemoniaceae) in the United States. *Madroño* 31:189-190.

Wilken, D.H. 2001. A new *Ipomopsis* (Polemoniaceae) from the southwest USA and adjacent Mexico. *Madroño* 48(2):116-122.

Wilken, D.H. & R. Fletcher. 1988. *Ipomopsis sancti-spiritus* (Polemoniaceae), a new species from northern New Mexico. *Brittonia* 40(1):48-51.

aggregata (Pursh) V. Grant subsp. ***aggregata*** [Heil et al. 2002]

skyrocket

Gilia aggregata (Pursh) Sprengel

aggregata (Pursh) V. Grant subsp. ***candida*** (Rydberg) V. & A. Grant [Grant & Wilken 1986; M&H; W&S]

skyrocket

Gilia candida Rydberg

Gilia candida Rydberg forma *vera* Wherry

Gilia greeneana Wooton & Standley

aggregata (Pursh) V. Grant subsp. ***collina*** (Greene) Wilken & Allard [Grant & Wilken 1986]

skyrocket

Callisteris collina Greene

Gilia candida Rydberg subsp. *collina* (Greene) Wherry

aggregata (Pursh) V. Grant subsp. ***formosissima*** (Greene) Wherry [Grant & Wilken 1986; W&S]

skyrocket

Gilia aggregata (Pursh) Sprengel subsp. *formosissima* (Greene) Wherry

Gilia aggregata (Pursh) V. Grant var. *texana* (Greene) Shinnery

Gilia formosissima (Greene) Wooton & Standley

Gilia texana (Greene) Wooton & Standley

Ipomopsis aggregata (Pursh) V. Grant subsp. *texana* (Greene) ined. Note: This combination not validly published by M&H [ICBN, Article 33]

aggregata (Pursh) V. Grant var. *texana* (Greene) Shinnery = *Ipomopsis aggregata* (Pursh) V. Grant subsp. *formosissima* (Greene) Wherry

aggregata (Pursh) V. Grant subsp. *texana* (Greene) ined. [This combination not validly published by M&H] = *Ipomopsis aggregata* (Pursh)

V. Grant subsp. *formosissima* (Greene) Wherry [Grant & Wilken 1986; ICBN, Article 33]

campylantha (Wooton & Standley) ined. [This combination not validly published by M&H] = *Ipomopsis pinnata* (Cavanilles) V. Grant

[ICBN, Article 33]

congesta (Hooker) V. Grant var. ***crebrifolia*** (Nuttall) A. Gray [M&H]

ball-head skyrocket

Gilia crebrifolia Nuttall

gunnisonii (Torrey & Gray) V. Grant [M&H; W&S]

Gunnison skyrocket

Gilia gunnisonii Torrey & Gray

inconspicua J.E. Smith = *Gilia inconspicua* (J.E. Smith) Sweet

laxiflora (Coulter) V. Grant [M&H; W&S]

iron skyrocket

Gilia laxiflora (Coulter) Osterhout

Gilia macombii Torrey var. *laxiflora* Coulter

longiflora (Torrey) V. Grant subsp. ***australis*** Fletcher & Wagner [Fletcher & Wagner 1984]

blue trumpets

longiflora (Torrey) V. Grant subsp. ***longiflora*** [Fletcher & Wagner 1984; M&H; W&S]

blue trumpets

Gilia longiflora (Torrey) G. Don

longiflora (Torrey) V. Grant subsp. ***neomexicana*** Wilken [Wilken 2001]

blue trumpets

macombii (Torrey ex Gray) V. Grant [M&H]

- Macomb's skyrocket
Gilia macombii Torrey ex Gray
- multiflora** (Nuttall) V. Grant [M&H; W&S]
 many-flowered skyrocket
Gilia brachysiphon Wooton & Standley
Gilia multiflora Nuttall
- pinna** (Cavanilles) V. Grant [M&H; Soreng 1984b; W&S]
 San Luis skyrocket
Gilia campylantha Wooton & Standley
Ipomopsis campylantha (Wooton & Standley) ined. Note: This combination not validly published by M&H [ICBN, Article 33]
- polyantha** (Rydberg) V. Grant [M&H] Note: Kartesz (1999) indicates this species is rare and endemic to Colorado; perhaps warrants verification.
 Pagosa skyrocket
Gilia polyantha Rydberg
- polycladon** (Torrey) V. Grant [M&H]
 sprawling skyrocket
Gilia polycladon Torrey
- pringlei** (A. Gray) Henrard [M&H; W&S]
 Pringle's skyrocket
Gilia pringlei A. Gray
- pumila** (Nuttall) V. Grant [M&H; W&S]
 low skyrocket
Gilia pumila Nuttall
- +**sancti-spiritus** Wilken & Fletcher [Wilken & Fletcher 1988]
 Holy Ghost skyrocket
- spicata** (Nuttall) V. Grant [M&H]
 spike skyrocket
Gilia spicata Nuttall
- thurberi** (Torrey ex Gray) V. Grant [M&H; W&S]
 Thurber's skyrocket
Gilia thurberi Torrey ex Gray
- Leptodactylon brevifolium* Rydberg = *Linanthus pungens* (Torrey) J.M. Porter & L.A. Johnson
nuttallii (A. Gray) Rydberg = *Leptosiphon nuttallii* (A. Gray) J.M. Porter
pungens (Torrey) Torrey ex Nuttall = *Linanthus pungens* (Torrey) J.M. Porter & L.A. Johnson
- Leptosiphon** desert-trumpets
- aureus** (Nuttall) J.M. Porter & L.A. Johnson [M&H; W&S]
 golden desert-trumpets
Dactylophyllum aureum (Nuttall) Heller
Linanthus aureus (Nuttall) Greene
- nuttallii** (A. Gray) J.M. Porter subsp. **tenuilobus** (R. Patterson) ined. [Patterson 1977] Note: This combination has not yet been made.
 Nuttall's desert-trumpets
Leptodactylon nuttallii (A. Gray) Rydberg
Linanthus nuttallii (Gray) Greene ex Milligen subsp. **tenuilobus** R. Patterson
- Linanthastrum floribundum* (Gray) Wherry = *Linanthastrum nuttallii* (Gray) Ewan subsp. *floribundum* (Gray) Ewan
nuttallii of NM authors = *Leptosiphon nuttallii* subsp. **tenuilobus** (R. Patterson) ined.
nuttallii (Gray) Ewan subsp. *floribundum* (Gray) Ewan [= *Leptosiphon nuttallii* (Gray) J.M. Porter subsp. *nuttallii*] : Though reported by M&H, not known to occur in NM (Patterson 1977).
Gilia floribunda Gray
Linanthastrum floribundum (Gray) Wherry
Siphonella floribunda (Gray) Jepson
- Linanthus** desert-trumpets
 Patterson, R. 1977. A revision of *Linanthus* Sect. *Siphonella* (Polemoniaceae). *Madroño* 24:36-48.
aureus (Nuttall) Greene = *Leptosiphon aureus* (Nuttall) J.M. Porter & L.A. Johnson
- bigelovii** (Gray) Greene [M&H; W&S]
 Bigelow's desert-trumpets
Gilia bigelovii Gray
floribundum (Gray) Greene ex Milliken [= *Leptosiphon nuttallii* (Gray) J.M. Porter subsp. *nuttallii*] : Though reported by M&H, not known to occur in NM (Patterson 1977).
nuttallii (Gray) Greene ex Milligen subsp. **tenuilobus** R. Patterson = *Leptosiphon nuttallii* (A. Gray) J.M. Porter subsp. **tenuilobus** (R. Patterson) ined. Note: That combination has not yet been made.
- pungens** (Torrey) J.M. Porter & L.A. Johnson [M&H]
 granite prickly-phlox
Gilia pungens (Torrey) Bentham
Leptodactylon pungens (Torrey) Torrey ex Nuttall
Leptodactylon brevifolium Rydberg

Microsteris slender-phlox
gracilis (Hooker) Greene [M&H; W&S]
slender-phlox
Collomia micrantha Kellogg
Gilia gracilis Hooker
Microsteris micrantha (Kellogg) Greene
micrantha (Kellogg) Greene = *Microsteris gracilis* (Hooker) Greene
Navarretia grandiflora (Douglas ex Lindley) Kuntze = *Collomia grandiflora* Douglas ex Lindley
linearis (Nuttall) Kuntze = *Collomia linearis* Nuttall

Phlox phlox
Cronquist, A. 1984. Polemoniaceae, pp. 86-155. IN: Intermountain Flora, vol. 4. New York Botanical Garden. [*Phlox pulvinata*]
Peabody, F.J. 1979. *Phlox longifolia* Nuttall (Polemoniaceae) complex of North America. Great Basin Naturalist 39:1-14.
Wherry, E.T. 1955. The genus *Phlox*. Morris Arbor. Monogr. 3.

austromontana Coville [M&H]
mountain phlox
caespitosa Nuttall [M&H; W&S]
tufted phlox
canescens Torrey & Gray = *Phlox hoodii* Richardson subsp. *canescens* (Torrey & Gray) Wherry
caryophylla Wherry [M&H]
clove phlox
cluteana A. Nelson [M&H]
Navajo phlox
condensata (Gray) E. Nelson [Wherry 1955]
dwarf phlox
diffusa Benthams subsp. **subcarinata** Wherry [Wherry 1955]
spreading phlox
grayi Wooton & Standley = *Phlox longifolia* Nuttall
hoodii Richardson subsp. **canescens** (Torrey & Gray) Wherry [M&H; W&S]
carpet phlox
Phlox canescens Torrey & Gray
longifolia Nuttall subsp. *brevifolia* (Gray) Mason = *Phlox longifolia* Nuttall
longifolia Nuttall subsp. *compacta* (Brand) Wherry = *Phlox longifolia* Nuttall
longifolia Nuttall subsp. *cortezana* (A. Nelson) Wherry = *Phlox longifolia* Nuttall
longifolia Nuttall subsp. *humilis* (Douglas ex Hooker) Wherry = *Phlox longifolia* Nuttall
longifolia Nuttall [M&H; Peabody 1979; W&S]
long-leaf phlox
Phlox grayi Wooton & Standley
Phlox longifolia Nuttall subsp. *brevifolia* (Gray) Mason
Phlox longifolia Nuttall subsp. *compacta* (Brand) Wherry
Phlox longifolia Nuttall subsp. *cortezana* (A. Nelson) Wherry
Phlox longifolia Nuttall subsp. *humilis* (Douglas) Wherry
Phlox longifolia Nuttall var. *longipes* (M.E. Jones) M.E. Peck
Phlox longifolia Nuttall var. *stansburyi* (Torrey) A. Gray
Phlox stansburyi (Torrey) Heller
Phlox stansburyi (Torrey) Heller subsp. *eu-stansburyi* Brand
Phlox tenuis Wooton & Standley
Phlox viridis E. Nelson subsp. *compacta* (Brand) Wherry
Phlox viridis E. Nelson subsp. *longipes* (M.E. Jones) Wherry
Phlox visenda A. Nelson
longifolia Nuttall var. *longipes* (M.E. Jones) M.E. Peck = *Phlox longifolia* Nuttall
longifolia Nuttall var. *stansburyi* (Torrey) A. Gray = *Phlox longifolia* Nuttall
mesoleuca Greene [M&H; W&S]
thread-leaf phlox
multiflora A. Nelson [Wherry 1955]
Rocky Mountain phlox
nana Nuttall [M&H; W&S]
Santa Fe phlox
nana Nuttall subsp. *glabella* (Gray) Brand = *Phlox triovulata* Thurber
pulvinata (Wherry) Cronquist [Cronquist 1984]
cushion phlox
speciosa Pursh subsp. **woodhousei** (Torrey ex Gray) Wherry [M&H]
showy phlox
Phlox speciosa Pursh var. *woodhousei* Torrey ex Gray
Phlox woodhousei (Torrey ex Gray) E. Nelson
Phlox woodhousei (Torrey ex Gray) E. Nelson var. *oculata* A. Nelson
speciosa Pursh var. *woodhousei* Torrey ex Gray = *Phlox speciosa* Pursh subsp. *woodhousei* (Torrey ex Gray) Wherry
stansburyi (Torrey) Heller = *Phlox longifolia* Nuttall

stansburyi (Torrey) Heller subsp. *eu-stansburyi* Brand = *stansburyi* (Torrey) Heller subsp. *eu-stansburyi* Brand
tenuis Wootton & Standley = *Phlox longifolia* Nuttall

triovulata Thurber ex Torrey [M&H; W&S]

three-seed phlox

Phlox nana Nuttall subsp. *glabella* (Gray) Brand

variabilis Brand [Spellenberg et al. 1986]

variegated phlox

viridis E. Nelson subsp. *compacta* (Brand) Wherry = *Phlox longifolia* Nuttall

viridis E. Nelson subsp. *longipes* (M.E. Jones) Wherry = *Phlox longifolia* Nuttall

viscida E. Nelson [Wherry 1955]

sticky phlox

visenda A. Nelson = *Phlox longifolia* Nuttall

woodhousei (Torrey ex Gray) E. Nelson = *Phlox speciosa* Pursh subsp. *woodhousei* (Torrey ex Gray) Wherry

woodhousei (Torrey ex Gray) E. Nelson var. *oculata* A. Nelson = *Phlox speciosa* Pursh subsp. *woodhousei* (Torrey ex Gray) Wherry

Polemonium Jacob's-ladder

Anway, J.C. 1968. The systematic botany and taxonomy of *Polemonium foliosissimum*. Amer. Midl. Naturalist 79:451-468.

Davidson, J.F. 1950. The genus *Polemonium*. Univ. Calif. Publ. Bot. 23:209-282.

brandegeei (Gray) Greene [M&H; W&S]

Brandegee's Jacob's-ladder

Gilia brandegeei Gray

Polemonium mellitum Gray

Polemonium viscosum Nuttall subsp. *mellitum* (Gray) Davidson

brandegeei (Gray) Greene subsp. *mellitum* (Gray) Wherry = *Polemonium brandegeei* (Gray) Greene

confertum Gray = *Polemonium viscosum* Nuttall

delicatum Rydberg = *Polemonium pulcherrimum* Hooker var. *delicatum* (Rydberg) Cronquist

filicinum Greene = *Polemonium flavum* Greene

flavum Greene [M&H; W&S]

yellow Jacob's-ladder

Polemonium filicinum Greene

Polemonium foliosissimum Gray var. *flavum* (Greene) Anway

foliosissimum Gray var. *flavum* (Greene) Anway = *Polemonium flavum* Greene

foliosissimum Gray [M&H; W&S]

Jacob's-ladder

Polemonium foliosissimum Gray var. *molle* (Greene) Anway

Polemonium grande Greene

Polemonium molle Greene

Polemonium pterospermum A. Nelson & Cockerell

foliosissimum Gray var. *molle* (Greene) Anway = *Polemonium foliosissimum* Gray

grande Greene = *Polemonium foliosissimum* Gray var. *foliosissimum*

mellitum Gray = *Polemonium brandegeei* (Gray) Greene

molle Greene = *Polemonium foliosissimum* Gray

pulcherrimum Hooker var. **delicatum** (Rydberg) Cronquist [M&H; W&S]

beautiful Jacob's-ladder

Polemonium delicatum Rydberg

Polemonium scopulinum Greene

ptospermum A. Nelson & Cockerell = *Polemonium foliosissimum* Gray var. *foliosissimum*

scopulinum Greene = *Polemonium pulcherrimum* Hooker var. *delicatum* (Rydberg) Cronquist

viscosum Nuttall [M&H; W&S]

sky-pilot

Polemonium confertum Gray

viscosum Nuttall subsp. *mellitum* (Gray) Davidson = *Polemonium brandegeei* (Gray) Greene

Siphonella floribunda (Gray) Jepson = *Leptosiphon nuttallii* (Gray) J.M. Porter subsp. *nuttallii* (not occurring in NM).

Family POLYGALACEAE

Monnina pygmy-flower

wrightii Gray [M&H; W&S]

pygmy-flower

Polygala milkwort

Blake, S.F. 1916. A revision of the genus *Polygala* in Mexico, Central America, and the West Indies. Contr. Gray Herb. n.ser. 47:1-122. [*Polygala rectipilis*]

Todsen, T.K. 1973. Comments on New Mexico flora. Sida 5(2):135. [*Polygala rimulicola*]

Wendt, T. & T.K. Todsen. 1982. A new variety of *Polygala rimulicola* (Polygalaceae) from Dona Ana County, New Mexico. Madroño 29:19-21. [*Polygala rimulicola* var. *mescalorum*]

Wendt, T. 1979. Notes on the genus *Polygala* in the United States and Mexico. J. Arnott Arbor. 60:504-514.

acanthoclada Gray : Reported as expected by M&H; awaits verification.

alba Nuttall [M&H; W&S]

white milkwort

barbeyana Chodat [M&H; Wendt 1979]

blue milkwort
Polygala longa Blake
hemipterocarpa Gray [M&H; W&S]
winged milkwort
lindheimeri Gray var. lindheimeri : Reported as expected by M&H map; awaits verification.
lindheimeri Gray var. **parvifolia** Wheelock [M&H; W&S; Wendt 1979]
shrubby milkwort
Polygala tweedyi Britton
Polygala parvifolia (Wheelock) Wooton & Standley
longa Blake = *Polygala barbeyana* Chodat
macradenia Gray [M&H; W&S]
glandular milkwort
neomexicana Wooton & Standley = *Polygala obscura* Benth
obscura Benth [M&H; W&S]
velvet-seed milkwort
Polygala neomexicana Wooton & Standley
Polygala puberula Gray
ovatifolia Gray : Reported as expected by M&H map; awaits verification.
parvifolia (Wheelock) Wooton & Standley = *Polygala lindheimeri* Gray var. *parvifolia* Wheelock
puberula Gray = *Polygala obscura* Benth
rectipilis Blake [Blake 1916]
New Mexico milkwort
+**rimulicola** Steyermark var. **mescalorum** Wendt & Todsén [Wendt & Todsén 1982]
Mescalero milkwort
rimulicola Steyermark var. **rimulicola** [M&H; Todsén 1973]
Steyermark's milkwort
sanguinea Linnaeus [M&H; W&S]
purple milkwort
Polygala sanguinea Linnaeus forma *viridescens* (Linnaeus) Farwell
Polygala viridescens Linnaeus
sanguinea Linnaeus forma *viridescens* (Linnaeus) Farwell = *Polygala sanguinea* Linnaeus
scoparia sensu W&S = *Polygala scoparioides* Chodat
scoparioides Chodat [M&H; W&S]
broom milkwort
Polygala scoparia sensu W&S
Polygala scoparia Humboldt, Bonpland, & Kunth var. *multicaulis* Gray
scoparia Humboldt, Bonpland, & Kunth var. *multicaulis* Gray = *Polygala scoparioides* Chodat
subspinosa S. Watson [M&H; W&S]
cushion milkwort
tweedyi Britton = *Polygala lindheimeri* Gray var. *parvifolia* Wheelock
viridescens Linnaeus = *Polygala sanguinea* Linnaeus

Family POLYGONACEAE

- Graham, S.A. and C.E. Wood, Jr. 1965. The genera of Polygonaceae in the southeastern United States. *J. Arnott Arbor.* 46:91-121.
Bilderdykia convolvulus (Linnaeus) Dumortier = *Fallopia convolvulus* (Linnaeus) A. Löve
Bistorta bistort
bistortoides (Pursh) Small [M&H; W&S]
American bistort
Polygonum bistortoides Pursh
vivipara (Linnaeus) S.F. Gray [M&H; W&S]
alpine bistort
Polygonum viviparum Linnaeus
Chorizanthe spine-flower
Reveal, J.L. & C.B. Hardham. 1989. A revision of the annual species of *Chorizanthe* (Polygonaceae: Eriogonoideae). *Phytologia* 66(2):98-196.
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brevicornu Torrey [Spellenberg et al. 1993]
brittle spine-flower
Eriogonum wild-buckwheat
Heil, K. 2003. New plant distribution reports. *The New Mexico Botanist* 25:7. [*Eriogonum villiflorum*]
Reveal, J.L. 1976. *Eriogonum* (Polygonaceae) of Arizona and New Mexico. *Phytologia* 34(5):409-484.
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Reveal, J.L. & A. Clifford. 2004. A new variety of *Eriogonum lachnogynum* (Polygonaceae: Eriogonoideae). *Phytologia* 86: 160-168.
Reveal, J.L. & B.J. Ertter. 1977. Re-establishment of *Stenogonum* (Polygonaceae). *Great Basin Naturalist* 36:272-280.
Sivinski, R. 2000. New plant distribution records. *The New Mexico Botanist* 14:4. [*Eriogonum longifolium* var. *lindheimeri*]
Soreng, R. 1984. Noteworthy collections (New Mexico). *Madroño* 31:126. [*Eriogonum hookeri*]
Spellenberg, R., C. Leiva, & E. P. Lessa. 1988. An evaluation of *Eriogonum densum* (Polygonaceae). *Southw. Naturalist* 33(1):71-80.
Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. *Sida* 11(4):455-470.

abertianum Torrey in Emory var. **abertianum** [M&H; Reveal 1976; W&S]

Abert's wild-buckwheat

Eriogonum abertianum Torrey subsp. *pinetorum* (Greene) Stokes

Eriogonum abertianum Torrey subsp. *typicum* Stokes

Eriogonum abertianum Torrey var. *bracteatum* Fosberg

Eriogonum abertianum Torrey var. *neomexicanum* Gandoger

Eriogonum abertianum Torrey var. *ruberrimum* Gandoger

Eriogonum abertianum Torrey var. *villosum* Fosberg

Eriogonum pinetorum Greene

abertianum Torrey in Emory var. **cyclosepalum** (Greene) Fosberg [Reveal 1976]

Abert's wild-buckwheat

Eriogonum cyclosepalum Greene

abertianum Torrey subsp. *pinetorum* (Greene) Stokes = *Eriogonum abertianum* Torrey in Emory var. *abertianum*

abertianum Torrey subsp. *typicum* Stokes = *Eriogonum abertianum* Torrey in Emory var. *abertianum*

abertianum Torrey var. *bracteatum* Fosberg = *Eriogonum abertianum* Torrey in Emory var. *abertianum*

abertianum Torrey var. *neomexicanum* Gandoger = *Eriogonum abertianum* Torrey in Emory var. *abertianum*

abertianum Torrey var. *ruberrimum* Gandoger = *Eriogonum abertianum* Torrey in Emory var. *abertianum*

abertianum Torrey var. *villosum* Fosberg = *Eriogonum abertianum* Torrey in Emory var. *abertianum*

ainsliei Standley = *Eriogonum lonchophyllum* Torrey & Gray var. *fendlerianum* (Benth.) Reveal

alatum Torrey in Sitgreaves var. **alatum** [M&H; Reveal 1976; W&S]

winged wild-buckwheat

Eriogonum elatum Douglas ex Benth. subsp. *triste* (S. Watson) Stokes

Eriogonum triste S. Watson

alatum Torrey in Sitgreaves var. **glabriusculum** Torrey in Sitgreaves [Reveal 1976]

winged wild-buckwheat

+**aliquantum** Reveal [Reveal 1976]

Cimarron wild-buckwheat

annuum Nuttall [M&H; Reveal 1976; W&S]

annual wild-buckwheat, snow-weed

arcuatum Greene = *Eriogonum jamesii* Benth. var. *flavescens* S. Watson

atrorubens Engelm. [M&H; W&S]

red wild-buckwheat

bakeri Greene = *Eriogonum jamesii* Benth. var. *flavescens* S. Watson

brandegeei Rydberg [Reveal 1976]

Brandegee's wild-buckwheat

capillare Small [Spellenberg et al. 1993]

San Carlos wild-buckwheat

cernuum Nuttall [M&H; Reveal 1976; W&S]

nodding wild-buckwheat

cernuum Nuttall subsp. *rotundifolium* (Benth.) Stokes = *Eriogonum rotundifolium* Benth.

clavellatum Small [Heil et al. 2002]

comb-wash wild-buckwheat

corymbosum Benth. var. *corymbosum* : Reported by M&H ("probably western") and by W&S (two localities), but not by Reveal (1976); W&S's report probably refers to other varieties of this species; needs verification.

Eriogonum corymbosum Benth. var. *divaricatum* Torrey & Gray

Eriogonum divergens Small

Eriogonum effusum Nuttall subsp. *divaricatum* (Torrey & Gray) Stokes

corymbosum Benth. var. *divaricatum* Torrey & Gray = *Eriogonum corymbosum* Benth. var. *corymbosum*

corymbosum Benth. var. **orbiculatum** (Stokes) Reveal & Brotherson [M&H; Reveal 1976]

crispy wild-buckwheat

Eriogonum effusum Nuttall subsp. *orbiculatum* Stokes

corymbosum Benth. var. **velutinum** Reveal [M&H; Reveal 1976]

crispy wild-buckwheat

cyclosepalum Greene = *Eriogonum abertianum* Torrey in Emory var. *cyclosepalum* (Greene) Fosberg

deflexum Torrey : Reported by Kartesz (1999) without documentation; awaits verification.

densum Greene = *Eriogonum polycladon* Benth.

divaricatum Hooker [M&H; Reveal 1976; W&S]

divergent wild-buckwheat

divergens Small [= *Eriogonum corymbosum* Benth. var. *corymbosum*] : Reported by M&H ("probably western") and by W&S (two localities), but not by Reveal (1976); needs verification.

eastwoodiae M.E. Jones = *Eriogonum leptocladon* Torrey & Gray var. *papiliunculi* Reveal

effusum Nuttall [M&H; Reveal 1976; W&S]

spreading wild-buckwheat

Eriogonum effusum Nuttall subsp. *typicum* Stokes

effusum Nuttall subsp. *divaricatum* (Torrey & Gray) Stokes = *Eriogonum corymbosum* Benth. var. *corymbosum*

effusum Nuttall subsp. *leptocladon* (Torrey & Gray) Stokes = *Eriogonum leptocladon* Torrey & Gray var. *papiliunculi* Reveal
effusum Nuttall subsp. *orbiculatum* Stokes = *Eriogonum corymbosum* Benth. var. *orbiculatum* (Stokes) Reveal & Brotherson
effusum Nuttall subsp. *simpsonii* (Benth.) Stokes = *Eriogonum microthecum* Nuttall var. *simpsonii* (Benth.) Reveal
effusum Nuttall subsp. *typicum* Stokes = *Eriogonum effusum* Nuttall
elatum Douglas ex Benth. subsp. *triste* (S. Watson) Stokes = *Eriogonum alatum* Torrey in Sitgreaves var. *alatum*
fendlerianum (Benth.) Small = *Eriogonum lonchophyllum* Torrey & Gray var. *fendlerianum* (Benth.) Reveal
flexum M.E. Jones = *Stenogonum flexum* (M.E. Jones) Reveal & J.T. Howell
gordonii Benth. in A.P. de Candolle [Reveal 1976]
 Gordon's wild-buckwheat
+*gypsophilum* Wooton & Standley [M&H; Reveal 1976; W&S]
 gyp wild-buckwheat
havardii S. Watson [M&H; Reveal 1976; W&S]
 Havard's wild-buckwheat
Eriogonum leucophyllum Wooton & Standley
hieracifolium Benth. [M&H; Reveal 1976; W&S]
 hawkweed wild-buckwheat
Eriogonum pannosum Wooton & Standley
hookeri S. Watson [Soreng 1984]
 Hooker's wild-buckwheat
inflatum Torrey & Fremont [M&H; Reveal 1976; W&S]
 Indian-Pipe-weed
jamesii Benth. var. ***flavescens*** S. Watson [M&H; Reveal 1976; W&S]
 James's wild-buckwheat
Eriogonum arcuatum Greene
Eriogonum bakeri Greene
jamesii Benth. var. ***jamesii*** [M&H; Reveal 1976; W&S]
 James's wild-buckwheat
Eriogonum jamesii Benth. var. *neomexicanum* Gandoger
jamesii Benth. var. *neomexicanum* Gandoger = *Eriogonum jamesii* Benth. var. *jamesii*
jamesii Benth. var. ***undulatum*** (Benth.) Stokes ex M.E. Jones [M&H]
 James's wild-buckwheat
Eriogonum undulatum Benth.
jamesii Benth. var. *wootonii* Reveal = *Eriogonum wootonii* (Reveal) Reveal
lachnogynum Torrey ex Benth. var. ***colubum*** Reveal & Clifford [Reveal & Clifford 2004]
 clipped wild-buckwheat
lachnogynum Torrey ex Benth. var. ***lachnogynum*** [M&H; Reveal 1976; W&S]
 wooly-cup wild-buckwheat
lachnogynum Torrey ex Benth. var. ***sarahiae*** (Atwood & Clifford) Reveal [Welsh et al. 2003]
 Sarah's wild-buckwheat
Eriogonum sarahiae Atwood & Clifford
leptocladon Torrey & Gray var. ***papiliunculi*** Reveal [Reveal 1976]
 sand wild-buckwheat
Eriogonum eastwoodiae M. E. Jones
Eriogonum effusum Nuttall subsp. *leptocladon* (Torrey & Gray) Stokes
leptocladon Torrey & Gray var. ***ramosissimum*** (Eastwood) Reveal [M&H; Reveal 1976]
 sand wild-buckwheat
Eriogonum ramosissimum Eastwood
leptophyllum (Torrey) Wooton & Standley [M&H; Reveal 1976; W&S]
 slender-leaf wild-buckwheat
leucophyllum Wooton & Standley = *Eriogonum havardii* S. Watson
lonchophyllum Torrey & Gray var. ***fendlerianum*** (Benth.) Reveal [M&H; Reveal 1976; W&S]
 spear-leaf wild-buckwheat
Eriogonum ainsliei Standley
Eriogonum fendlerianum Benth.
lonchophyllum Torrey & Gray var. ***lonchophyllum*** [M&H; Reveal 1976; W&S]
 spear-leaf wild-buckwheat
Eriogonum nudicaule (Torrey) Small subsp. *scoparium* (Small) Stokes
Eriogonum nudicaule (Torrey) Small subsp. *tristichum* (Small) Stokes
Eriogonum scoparium Small
Eriogonum tristichum Small
+*lonchophyllum* Torrey & Gray var. ***nudicaule*** (Torrey) Reveal [M&H; Reveal 1976; W&S]
 spear-leaf wild-buckwheat
Eriogonum nudicaule (Torrey) Small
longifolium Nuttall [M&H; W&S; Sivinski 2000]
 long-leaf wild-buckwheat

Eriogonum longifolium Nuttall var. *lindheimeri* Gandoger
Eriogonum texanum Scheele
longifolium Nuttall var. *lindheimeri* Gandoger = *Eriogonum longifolium* Nuttall
maculatum Heller [Spellenberg et al. 1993]
 spotted wild-buckwheat
microthecum Nuttall var. *foliosum* (Torrey & Gray) Reveal = *Eriogonum microthecum* Nuttall var. *simpsonii* (Benth) Reveal
microthecum Nuttall var. *simpsonii* (Benth) Reveal [M&H; Reveal 1976; W&S]
 Simpson's wild-buckwheat
Eriogonum effusum Nuttall subsp. *simpsonii* (Benth) Stokes
Eriogonum microthecum Nuttall var. *foliosum* (Torrey & Gray) Reveal
Eriogonum simpsonii Benth in A.P. de Candolle
nudicaule (Torrey) Small = *Eriogonum lonchophyllum* Torrey & Gray var. *nudicaule* (Torrey) Reveal
nudicaule (Torrey) Small subsp. *scoparium* (Small) Stokes = *Eriogonum lonchophyllum* Torrey & Gray var. *lonchophyllum*
nudicaule (Torrey) Small subsp. *tristichum* (Small) Stokes = *Eriogonum lonchophyllum* Torrey & Gray var. *lonchophyllum*
ovalifolium Nuttall [M&H; Reveal 1976; W&S]
 cushion wild-buckwheat
palmerianum Reveal in Munz [Reveal 1976]
 Palmer's wild-buckwheat
pannosum Wooton & Standley = *Eriogonum hieracifolium* Benth
pharnaceoides Torrey [Reveal 1976; W&S]
 wire-stem wild-buckwheat
pinetorum Greene = *Eriogonum abertianum* Torrey var. *abertianum*
polycladon Benth [M&H; Reveal 1976; W&S]
 sorrel wild-buckwheat
Eriogonum densum Greene
Eriogonum polycladon Benth var. *crispum* Gandoger
Eriogonum vimineum Douglas ex Benth subsp. *polycladon* (Benth) Stokes
polycladon Benth var. *crispum* Gandoger = *Eriogonum polycladon* Benth
racemosum Nuttall [M&H; Reveal 1976; W&S]
 red-root wild-buckwheat
ramosissimum Eastwood = *Eriogonum leptocladon* Torrey & Gray var. *ramosissimum* (Eastwood) Reveal
rotundifolium Benth [M&H; Reveal 1976; W&S]
 saucer-leaf wild-buckwheat
Eriogonum cernuum Nuttall subsp. *rotundifolium* (Benth) Stokes
sarahiae Atwood & Clifford = *Eriogonum lachnogynum* Torrey ex Benth var. *sarahiae* (Atwood & Clifford) Reveal
salsuginosum (Nuttall) Hooker = *Stenogonum salsuginosum* Nuttall
scabrellum Reveal [Soreng 1984]
 scratchy wild-buckwheat
shockleyi S. Watson var. *longilobum* (M.E. Jones) Reveal
 Shockley's wild-buckwheat
shockleyi S. Watson var. *shockleyi* [Reveal 1976]
 Shockley's wild-buckwheat
Eriogonum shockleyi S. Watson var. *longilobum* (M.E. Jones) Reveal
scoparium Small = *Eriogonum lonchophyllum* Torrey & Gray var. *lonchophyllum*
shockleyi S. Watson var. *longilobum* (M.E. Jones) Reveal = *Eriogonum shockleyi* S. Watson var. *shockleyi*
simpsonii Benth = *Eriogonum microthecum* Nuttall var. *simpsonii* (Benth) Reveal
subreniforme S. Watson [M&H; Reveal 1976; W&S]
 kidney-bean wild-buckwheat
tenellum Torrey [M&H; Reveal 1976; W&S]
 tall wild-buckwheat
texanum Scheele = *Eriogonum longifolium* Nuttall
thurberi Torrey : Reported by Kartesz (1999) without documentation; awaits verification.
trachygonum Torrey ex Benth subsp. *wrightii* (Torrey) Stokes = *Eriogonum wrightii* Torrey ex Benth
trichopes Torrey [M&H; Reveal 1976; W&S]
 little desert-trumpet
Eriogonum trichopodum Torrey ex Benth
trichopodum Torrey ex Benth = *Eriogonum trichopes* Torrey
triste S. Watson = *Eriogonum alatum* Torrey in Sitgreaves var. *alatum*
tristichum Small = *Eriogonum lonchophyllum* Torrey & Gray var. *lonchophyllum*
umbellatum Torrey [Reveal 1976]
 sulphur-weed
undulatum Benth = *Eriogonum jamesii* Benth var. *undulatum* (Benth) Stokes ex M.E. Jones
villiflorum Gray [Heil 2003; Tidestrom & Kittell 1941]
 gray wild-buckwheat
vimineum Douglas ex Benth subsp. *polycladon* (Benth) Stokes = *Eriogonum polycladon* Benth
wetherillii Eastwood [M&H; Reveal 1976; W&S]

Wetherill's wild-buckwheat
+wootonii (Reveal) Reveal [M&H; Reveal 1976]
 Wooton's wild-buckwheat
Eriogonum jamesii Bentham var. *wootonii* Reveal
wrightii Torrey ex Bentham [M&H; Reveal 1976; W&S]
 bastard-sage, Wright's wild-buckwheat
Eriogonum trachygonum Torrey ex Bentham subsp. *wrightii* (Torrey) Stokes

Fagopyrum buckwheat
fagopyrum (Linnaeus) Karsten = *Fagopyrum esculentum* Moench
***esculentum** Moench [M&H; W&S]
 garden buckwheat
Fagopyrum fagopyrum (Linnaeus) Karsten
Fagopyrum sagittatum Gilibert
sagittatum Gilibert = *Fagopyrum esculentum* Moench

Fallopia bindweed
 Spellenberg, R. 1999. New plant distribution records. The New Mexico Botanist 10:7. [*Polygonum aubertii*]
***convolvulus** (Linnaeus) A. Löve [M&H; W&S]
 black bindweed
Bilderdykia convolvulus (Linnaeus) Dumortier
Polygonum convolvulus Linnaeus
***baldschuanica** (Regel) Holub [Spellenberg 1999]
 Chinese fleece-vine, mile-a-minute vine
Polygonum aubertii L. Henry
Gonopyrum americanum Fischer & Meyer = *Polygonella americana* (Fischer & Meyer) Small

Oxyria mountain-sorrel
digyna (Linnaeus) Hill [M&H; W&S]
 mountain-sorrel
Rumex digynus Linnaeus

Persicaria smartweed
 Hinds, H.R. & C.C. Freeman. 2005. *Persicaria*, p. 574-594. IN: Flora of North America, vol. 5. Oxford University Press.
amphibia (Linnaeus) S.F. Gray [Hinds & Freeman 2005; M&H; W&S]
 water smartweed
Persicaria coccinea (Muhlenberg) Greene
Persicaria muhlenbergia (Meisner) S. Watson
Persicaria hartwrightii (Gray) Greene
Polygonum amphibium Linnaeus var. *emersum* Michaux
Polygonum amphibium Linnaeus var. *stipulaceum* (Coleman) Fernald
Polygonum coccineum Muhlenberg
Polygonum hartwrightii Gray
Polygonum natans Eaton

bicornis (Rafinesque) Nieuwland [Hinds & Freeman 2005; W&S]
 pinkweed
Persicaria longistyla (Small) Small
Polygonum bicorne Rafinesque
Polygonum longistylum Small
coccinea (Muhlenberg) Greene = *Persicaria amphibia* (Linnaeus) S.F. Gray
hartwrightii (Gray) Greene = *Persicaria amphibia* (Linnaeus) S.F. Gray
hydropiper (Linnaeus) Spach [Hinds & Freeman 2005]
 water pepper
Polygonum hydropiper Linnaeus
 hydropiperoides (Michaux) Small : Reported as expected or probable by M&H; the documentation in Kartesz (1999, based on Stanford 1927) is inconclusive; awaits verification.
Polygonum hydropiperoides Michaux
incarnata (Elliott) Small = *Persicaria lapathifolia* (Linnaeus) Gray
muhlenbergia (Meisner) S. Watson = *Persicaria amphibia* (Linnaeus) S.F. Gray
***lapathifolia** (Linnaeus) Gray [Hinds & Freeman 2005; M&H; W&S]
 dock-leaf smartweed
Persicaria incarnata (Elliott) Small
Polygonum incarnatum Elliott
Polygonum lapathifolium Linnaeus
longistyla (Small) Small = *Persicaria bicornis* (Rafinesque) Nieuwland
***maculosa** Gray [Hinds & Freeman 2005; M&H; W&S]
 lady's-thumb
Persicaria persicaria (Linnaeus) Small
Persicaria vulgaris Webb & Moquin-Tandon
Polygonum persicaria Linnaeus
pennsylvanica (Linnaeus) M. Gomez [Hinds & Freeman 2005; W&S]

- Pennsylvania smartweed
Polygonum pennsylvanicum Linnaeus
persicaria (Linnaeus) Small = *Persicaria maculosa* Gray
punctata (Elliott) Small [Hinds & Freeman 2005; M&H; W&S]
dotted smartweed
Polygonum punctatum Elliott
vulgaris Webb & Moquin-Tandon = *Persicaria maculosa* Gray
- Polygonella*** jointweed
Horton, J.H. 1963. A taxonomic revision of *Polygonella* (Polygonaceae). *Brittonia* 15:177-203.
americana (Fischer & Meyer) Small [M&H; W&S]
southern jointweed
Gonopyrum americanum Fischer & Meyer
- Polygonum*** knotweed, smartweed
Costea, M. & F.J. Tardif. 2003. Typification, taxonomy, and a new subspecies of *Polygonum sawatchense* (Polygonaceae) from North America. *Sida* 20(4):1631-1640.
Costea, M., F.J. Tardif, & H.R. Hinds. 2005. *Polygonum*, p. 547-571. IN: *Flora of North America*, vol. 5, pt. 2. Oxford University Press, New York.
Great Plains Flora Association. 1977. *Atlas of the Flora of the Great Plains*. Iowa State Univ. Press. 600 pp. [*Polygonum arenastrum*]
Hickman, J.C. 1984. Nomenclatural changes in *Persicaria*, *Polygonum*, and *Rumex* (Polygonaceae). *Madroño* 31(4): 249-252.
McDonald, C.B. 1980. A biosystematic study of the *Polygonum hydropiperoides* (Polygonaceae) complex. *Amer. J. Bot.* 67:664-670.
Mertens, T.R. & P.H. Raven. 1965. Taxonomy of *Polygonum*, section *Polygonum* (*Aviculare*) in North America. *Madroño* 18:85-92.
Mitchell, R.A. 1968. Variation in the *Polygonum amphibium* complex and its taxonomic significance. *Univ. Calif. Publ. Bot.* 45:1-65.
Ronse Decraene, L.P. Akeroyd, J.R. 1988. Generic limits in *Polygonum* and related genera (Polygonaceae) on the basis of floral characters. *Bot. J. Linn. Soc.* 98:321-371.
Wolf, S.J. & J. McNeil. 1986. Synopsis and achene morphology of *Polygonum* section *Polygonum* (Polygonaceae) in Canada. *Rhodora* 88:457-479.
amphibium Linnaeus var. *emersum* Michaux = *Persicaria amphibia* (Linnaeus) S.F. Gray
amphibium Linnaeus var. *stipulaceum* (Coleman) Fernald = *Persicaria amphibia* (Linnaeus) S.F. Gray
****arenastrum*** Jordan ex Boreau [Great Plains Flora Association 1977]
oval-leaf knotweed
****argyrocoleon*** Steudel ex Kunze [M&H]
silver-sheath knotweed
aubertii L. Henry = *Persicaria baldschuanica* (Regel) Holub
****aviculare*** Linnaeus [M&H; W&S]
yard knotweed
Polygonum buxiforme Small
*bellardii Allioni : Reported for NM by Kartesz (1999), but documentation inconclusive; awaits verification.
bicorne Rafinesque = *Persicaria bicornis* (Rafinesque) Nieuwland
bistortoides Pursh = *Bistorta bistortoides* (Pursh) Small
buxiforme Small = *Polygonum aviculare* Linnaeus
caespitosum Blume var. *longisetum* (deBruyn) A.N. Steward : Reported for NM by Kartesz (1999), but apparently from mistaken data.
coccineum Muhlenberg = *Persicaria amphibia* (Linnaeus) S.F. Gray
confertiflorum Nuttall ex Piper = *Polygonum polygaloides* Wallich ex Meisner subsp. *confertiflorum* (Nuttall ex Piper) Hickman
convolvulus Linnaeus = *convolvulus* (Linnaeus) A. Löve
douglasii Greene [M&H; W&S]
Douglas's knotweed
Polygonum douglasii Greene var. *latifolium* (Engelmann) Greene
Polygonum douglasii Greene var. *montanum* Small
Polygonum montanum (Small) Greene
Polygonum tenue Michaux var. *latifolium* Engelmann
douglasii Greene subsp. *johnstonii* (Munz) Hickman = *Polygonum sawatchense* Small
douglasii Greene var. *johnstonii* Munz = *Polygonum sawatchense* Small
douglasii Greene var. *latifolium* (Engelmann) Greene = *Polygonum douglasii* Greene
douglasii Greene var. *montanum* Small = *Polygonum douglasii* Greene
erectum Linnaeus [M&H; W&S]
erect knotweed
hartwrightii Gray = *Persicaria amphibia* (Linnaeus) S.F. Gray
hydropiper Linnaeus = *Persicaria hydropiper* (Linnaeus) Spach
hydropiperoides Michaux (= *Persicaria hydropiperoides* (Michaux) Small) : Reported as expected or probable by M&H; the documentation in Kartesz (1999, based on Stanford 1927) is inconclusive; awaits verification.
incarnatum Elliott = *Persicaria lapathifolia* (Linnaeus) Gray
lapathifolium Linnaeus = *Persicaria lapathifolia* (Linnaeus) Gray
longistylum Small = *Persicaria bicornis* (Rafinewaue) Nieuwland
montanum (Small) Greene = *Polygonum douglasii* Greene
natans Eaton = *Persicaria amphibia* (Linnaeus) S.F. Gray
pennsylvanicum Linnaeus = *Persicaria pennsylvanica* (Linnaeus) M. Gomez
persicaria Linnaeus = *Persicaria maculosa* Gray
polygaloides Wallich ex Meisner subsp. ***confertiflorum*** (Nuttall ex Piper) Hickman [M&H; W&S]
white-margin knotweed
Polygonum confertiflorum Nuttall ex Piper
Polygonum watsonii Small

punctatum Elliott = *Persicaria punctata* (Elliott) Small

ramosissimum Michaux [M&H; W&S]

yellow-flower knotweed

sawatchense Small [M&H; W&S]

Sawatch knotweed

Polygonum douglasii Greene subsp. *johnstonii* (Munz) Hickman

Polygonum douglasii Greene var. *johnstonii* Munz

viviparum Linnaeus = *Bistorta vivipara* (Linnaeus) S.F. Gray

tenuis Michaux var. *latifolium* Engelmann = *Polygonum douglasii* Greene

tomentosum Willdenow = *Persicaria lapathifolia* (Linnaeus) Gray

watsonii Small = *Polygonum polygaloides* Wallich ex Meisner subsp. *confertiflorum* (Nuttall ex Piper) Hickman

Pterostegia threadstem

Reveal, J.L. 1989. Remarks on the genus *Pterostegia* (Polygonaceae: Eriogonoideae). *Phytologia* 66(30):228-235. [*Pterostegia drymarioides*]

drymarioides Fischer & C.A. Meyer [Reveal 1989]

woodland threadstem

Rumex dock

Allred, K.W. 1998. New plant distribution records. *The New Mexico Botanist* 7:6. [*Rumex pulcher*]

Mosyakin, S.L. 2005. *Rumex*, pp. 489-533. IN: *Flora of North America*, vol. 5, pt. 2. Oxford University Press, New York.

Rechinger, K.H., Jr. 1937. The North American species of *Rumex*. *Field Mus. Nat. Hist. Bot. Ser. Publ.* 386.

Tidestrom, I. & T. Kittell. 1941. *A Flora of Arizona and New Mexico*. The Catholic University of America Press, Washington, D.C. 897 pp. [*Rumex patientia*]

***acetosella** Linnaeus [M&H; Rechinger 1937; W&S]

sheep sorrel

altissimus Wood [M&H; Rechinger 1937; W&S]

pale dock

Rumex ellipticus Greene

aquaticus Linnaeus var. *fenestratus* (Greene) Dorn = *Rumex occidentalis* S. Watson

britannica sensu W&S = *Rumex patientia* Linnaeus

californicus K.H. Rechinger [M&H]

willow dock

Rumex salicifolius Weinmann var. *denticulatus* Torrey

conglomeratus Murray : Reported as expected by M&H; awaits verification.

***crispus** Linnaeus subsp. **crispus** [M&H; Rechinger 1937; W&S]

curly dock

densiflorus Osterhout [M&H]

dense-flower dock

digynus Linnaeus = *Oxyria digyna* (Linnaeus) Hill

ellipticus Greene = *Rumex altissimus* Wood

fueginus Philippi = *Rumex maritimus* Linnaeus

hastatulus Baldwin [M&H; Rechinger 1937]

heart-wing sorrel

hymenosepalus Torrey [M&H; Rechinger 1937; W&S]

cañaigre, sand dock

maritimus Linnaeus [Rechinger 1937; M&H; W&S]

golden dock

Rumex fueginus Philippi

Rumex persicarioides Linnaeus

mexicanus Meisner [M&H; Rechinger 1937; W&S]

mexican dock

Rumex salicifolius Weinmann var. *mexicanus* (Meisner) C.L. Hitchcock

nematopodus K.H. Rechinger [M&H]

Arizona dock

***obtusifolius** Linnaeus [M&H; Rechinger 1937; W&S]

bitter dock

occidentalis S. Watson [M&H; Rechinger 1937; W&S]

western dock

Rumex aquaticus Linnaeus var. *fenestratus* (Greene) Dorn

orthoneurus K.H. Rechinger [M&H]

Chiricahua dock

***patientia** Linnaeus [Tidestrom & Kittell 1941; W&S]

patience dock

Rumex britannica sensu W&S

persicarioides Linnaeus = *Rumex maritimus* Linnaeus

***pulcher** Linnaeus [Allred 1998]

fiddle dock

salicifolius Weinmann var. *denticulatus* Torrey = *Rumex californicus* K.H. Rechinger

salicifolius Weinmann var. *mexicanus* (Meisner) C.L. Hitchcock = *Rumex mexicanus* Meisner

stenophyllus Ledebour [Allred 2005; Mosyakin 2005]
 narrowleaf dock
 +*tomentellus* K.H. Rechinger [M&H]
 wooly dock
triangulivalvis (Danser) K.H. Rechinger [Mosyakin 2005]
 white dock
venosus Pursh [M&H]
 veiny dock
verticillatus Linnaeus [M&H]
 swamp dock
violascens K.H. Rechinger [M&H; Rechinger 1937]
 violet dock

Stenogonum buckwheat

Reveal, J.L. & B.J. Ertter. 1977. Re-establishment of *Stenogonum* (Polygonaceae). Great Basin Naturalist 36:272-280.

Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. Sida 11(4):455-470. [*Stenogonum flexum*]

flexum (M.E. Jones) Reveal & J.T. Howell [Spellenberg et al. 1986]

bent buckwheat

Eriogonum flexum M.E. Jones

salsuginosum Nuttall [M&H; W&S]

smooth buckwheat

Eriogonum salsuginosum (Nuttall) Hooker

Family PORTULACACEAE

Packer, J.G. 2003. Portulacaceae, pp. 457-504. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

Calandrinia redmaids

Kelley, W.A. 2003. *Calandrinia*, pp. 459-460. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

Wagner, W.L. 1979. New records to the Animas Mountain flora, New Mexico. Southw. Naturalist 24(2):291-296. [*Calandrinia ciliata*]

arizonica Rydberg = *Calandrinia ciliata* (Ruiz & Pavon) A.P. de Candolle

ciliata (Ruiz & Pavon) A.P. de Candolle [Kelley 2003; M&H; Wagner 1979]

fringed redmaids

Calandrinia arizonica Rydberg

Calandrinia ciliata (Ruiz & Pavon) A.P. de Candolle var. *menziesii* (Hooker) Macbride

Calyptridium pussypaws

monandrum Nuttall [M&H]

pussypaws

Claytonia spring-beauty

Halleck, D.K. & D. Wiens. 1966. Taxonomic status of *Claytonia rosea* and *C. lanceolata* (Portulacaceae). Ann. Missouri Bot. Gard. 53(2):205-212. [*Claytonia rosea*]

Miller, J.M. 2003. *Claytonia*, pp. 465-475. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

Miller, J.M. & K.L. Chambers. 2006. Systematics of *Claytonia* (Portulacaceae). Syst. Bot. Monographs 78:1-236.

chamissoi Ledebour = *Montia chamissoi* (Ledebour ex Sprengel) Durand & Jackson

lanceolata Pallas ex Pursh [M&H; Miller 2003; W&S]

lance-leaf spring-beauty

megarhiza (Gray) Parry ex S. Watson [M&H; Miller 2003; W&S]

alpine spring-beauty

perfoliata Donn ex Willdenow subsp. *mexicana* (Rydberg) J.M. Miller [Miller 2003]

Mexican miner's-lettuce

rosea Rydberg [Halleck & Wiens 1966; Miller 2003]

western spring-beauty

Crunocallis chamissonis (Ledebour) Rydberg = *Montia chamissoi* (Ledebour) Durand & Jackson

Lewisia bitter-root

Abrams, L. 1940-1960. An illustrated flora of the Pacific States, Washington, Oregon, and California. 4 vols. Stanford, Stanford Univ. Press.

Hershkovitz, M.A. & S.B. Hogan. 2003. *Lewisia*, pp. 476-4485. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

Matthew, B. 1989. The Genus *Lewisia*. Royal Botanic Gardens, Kew. 151 pp. [*Lewisia pygmaea*]

brachycalyx Engelmann ex Gray : Matthews (1989) noted that plants attributed to NM by Abrams (1940-1960) were probably collected in Arizona; awaits verification.

pygmaea (Gray) Robinson var. *nevadensis* (Gray) Fosberg = *Lewisia nevadensis* (Gray) Robinson

nevadensis (Gray) Robinson [Hershkovitz & Hogan 2003; M&H; W&S]

Nevada bitter-root

Lewisia pygmaea (Gray) Robinson var. *nevadensis* (Gray) Fosberg

Oreobroma nevadense (Gray) Howell

pygmaea (Gray) B.L. Robinson [Hershkovitz & Hogan 2003; Matthew 1989]

alpine bitter-root

Montia miner's-lettuce

Miller, J.M. 2003. *Montia*, pp. 485-488. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

chamissoi (Ledebour ex Sprengel) Durand & Jackson [M&H; Miller 2003; W&S]

- miner's-lettuce
Claytonia chamissoi Ledebour
Crunocallis chamissonis (Ledebour) Rydberg
perfoliata (Donn ex Willdenow) Howell = *Claytonia perfoliata* Donn ex Willdenow
Oreobroma nevadense (Gray) Howell = *Lewisia nevadensis* (Gray) Robinson
- Phemeranthus** flameflower
Kiger, R.W. 2003. *Phemeranthus*, pp. 488-495. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.
- aurantiacus* (Engelmann) Kiger = *Talinum aurantiacum* Engelmann
brevicaulis (S. Watson) Kiger [Kiger 2003; M&H; W&S]
showy flameflower
Talinum brevicaule S. Watson
Talinum eximium A. Nelson
Talinum pulchellum Wooton & Standley
Talinum youngiae C.H. Muller
brevifolius (Torrey) Hershkovitz [Kiger 2003; M&H; W&S]
pygmy flameflower
Talinum brevifolium Torrey
confertiflorus (Greene) Hershkovitz [M&H; W&S]
New Mexico flameflower
Talinum confertiflorum Greene
Talinum fallax von Poellnitz
Talinum gooddingii P. Wilson
Talinum gracile Rose & Standley (non Colla 1833)
Talinum rosei P. Wilson
humilis (Greene) Kiger [Kiger 2003; M&H; W&S]
Pinos Altos flameflower
Talinum humile Greene
longipes (Wooton & Standley) Kiger [Kiger 2003; M&H; W&S]
Tortugas flameflower
Talinum longipes Wooton & Standley
marginatus (Greene) Kiger = *Phemeranthus parvulus* (Rose & Standley) ined.
parviflorus (Nuttall) Kiger : Not yet known in NM; our material previously referred to this name belongs to *Phemeranthus confertiflorus* (Greene) Hershkovitz (Ferguson 2001)
parvulus (Rose & Standley) ined. [Allred 2002] Note: The combination has not yet been made in *Phemeranthus*, and is not herein effected. The *parvulus* epithet was published in 1911, *marginatus* in 1912.
bottle-leaf fameflower
Phemeranthus marginatus (Greene) Kiger
Talinum parvulum Rose & Standley
Talinum marginatum Greene
validulus (Greene) Kiger [Kiger 2003]
stalked flameflower
Talinum validulum Greene
- Portulaca** purslane
Danin, Auinoam, I. Baker, & H. Baker. 1978. Cytogeography and taxonomy of the *Portulaca oleracea* L. polyploid complex. Israel J. Bot. 27:177-211.
Matthews, J.F. 2003. *Portulaca*, pp. 496-501. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.
Matthews, J.F. & D.W. Ketron. 1991. Two new combinations in *Portulaca* (Portulacaceae). Castanea. 56(4): 304-305.
Matthews, J.F., D.W. Ketron, & S.F. Zane. 1992. The reevaluation of *Portulaca pilosa* and *P. mundula* (Portulacaceae). Sida 15:71-89.
Matthews, J.F., D.W. Ketron, & S.F. Zane. 1992. *Portulaca umbraticola* Kunth (Portulacaceae) in the United States. Castanea 57(3): 202-208.
Matthews, J.F., D.W. Ketron, & S.F. Zane. 1993. The biology and taxonomy of the *Portulaca oleracea* L. (Portulacaceae) complex in North America. Rhodora 95(882): 166-183.
coronata Small = *Portulaca umbraticola* Kunth subsp. *lanceolata* (Engelmann) Matthews
***grandiflora** Hooker [Matthews 2003]
moss-rose
halimoides Linnaeus [M&H; Matthews 2003; W&S]
silk-cotton purslane
Portulaca parvula Gray
lanceolata Engelmann = *Portulaca umbraticola* Kunth subsp. *lanceolata* (Engelmann) Matthews
mundula I.M. Johnston = *Portulaca pilosa* Linnaeus
***oleracea** Linnaeus subsp. **impolita** Danin & H.G. Baker [Danin et al. 1978]
garden purslane, hogweed
***oleracea** Linnaeus subsp. **oleracea** [M&H; Matthews 2003; W&S]
garden purslane, hogweed
Portulaca retusa Engelmann
***oleracea** Linnaeus subsp. **papillito-stellulata** Danin & H.G. Baker [Danin et al. 1978]
garden purslane, hogweed
paniculata Jacquin = *Talinum paniculatum* (Jacquin) Gaertner
parvula Gray = *Portulaca halimoides* Linnaeus

pilosa Linnaeus [M&H; Matthews 2003; W&S]

kiss-me-quick

Portulaca mundula I.M. Johnston

retusa Engelm = *Portulaca oleracea* Linnaeus subsp. *oleracea*

suffrutescens Engelm [M&H; Matthews 2003; W&S]

shrubby purslane

umbraticola Kunth subsp. *lanceolata* (Engelm) Matthews [M&H; Matthews 2003; W&S]

Chinese hats

Portulaca coronata Small

Portulaca lanceolata Engelm

Talinopsis fameflower

Kiger, R. 2003. *Talinopsis*, pp. 501-502. IN: Flora of North America, vol. 4, pt. 1. Oxford University Press, New York.

frutescens Gray [Kiger 2003; M&H; W&S]

arroyo fameflower

Talinum fameflower

Allred, K.W. 2002. Plant distribution reports. The New Mexico Botanist 24:7. [*Talinum parvulum*]

Carter, M.E.B. & W.H. Murdy. 1985. Systematics of *Talinum parviflorum* Nutt, and the origin of *Talinum teretifolium* Pursh (Portulacaceae). Rhodora 87(850): 121-130.

Ferguson, D.J. 2001. *Phemeranthus* and *Talinum* (Portulacaceae) in New Mexico. The New Mexico Botanist 20:1-7.

Hershkovitz, M.A. 1991. Taxonomic notes on *Cistanthe*, *Calandrinia*, and *Talinum* (Portulacaceae). Phytologia 70(3): 209-225.

Poellnitz, K. von. 1934. Monographie der Gattung *Talinum*. Adans. Repert. Sp. Nov. 35:1-34.

angustissimum (Gray) Wooton & Standley = *Talinum polygaloides* Gillies ex Arnott

aurantiacum Engelm [M&H; W&S]

orange fameflower

Phemeranthus aurantiacus (Engelm) Kiger

+*brachypodum* S. Watson [W&S]

Laguna fameflower

brevicaule S. Watson = *Phemeranthus brevicaulis* (S. Watson) Kiger

brevifolium Torrey = *Phemeranthus brevifolius* (Torrey) Hershkovitz

calycinum Engelm in Wislizenus : Reported for NM by von Poellnitz (1934) based on a misinterpretation of the type locality; the original collection was along the Cimarron River in Oklahoma.

chrysanthum Rose & Standley = *Talinum spathulatum* Engelm

confertiflorum Greene = *Phemeranthus confertiflorus* (Greene) Hershkovitz

eximium A. Nelson = *Phemeranthus brevicaulis* (S. Watson) Kiger

fallax von Poellnitz = *Phemeranthus confertiflorus* (Greene) Hershkovitz

**fruticosum* (Linnaeus) Willdenow [Ferguson 2001]

verdolaga-Francesca

gooddingii Wilson = *Phemeranthus confertiflorus* (Greene) Hershkovitz

gracile Rose & Standley, non Colla 1833 = *Phemeranthus confertiflorus* (Greene) Hershkovitz

humile Greene = *Phemeranthus humilis* (Greene) Kiger

longipes Wooton & Standley = *Phemeranthus longipes* (Wooton & Standley) Kiger

marginatum Greene = *Phemeranthus parvulus* (Rose & Standley) ined.

paniculatum (Jacquin) Gaertner [Kiger 2003; M&H; W&S] Note: Ferguson (2001) proposed that NM material belongs to an as yet undescribed species; we will use the name *Talinum paniculatum* (Jacquin) Gaertner until the situation is clarified.

pink baby's-breath

Portulaca paniculata Jacquin

parvulum Rose & Standley = *Phemeranthus parvulus* (Rose & Standley) ined.

parviflorum Nuttall [= *Phemeranthus parviflorus* (Nuttall) Kiger] : Not yet known in NM; our material referred to this name belongs to

Phemeranthus confertiflorus (Greene) Hershkovitz (Ferguson 2001).

polygaloides Gillies ex Arnott [Ferguson 2001; M&H; W&S]

yellow fameflower

Talinum angustissimum (Gray) Wooton & Standley

pulchellum Wooton & Standley = *Phemeranthus brevicaulis* (S. Watson) Kiger

rosei P. Wilson = *Phemeranthus confertiflorus* (Greene) Hershkovitz

spathulatum Engelm ex A. Gray [Ferguson 2001]

yellow baby's-breath

whitei I.M. Johnston [Ferguson 2001]

Madrean fameflower

youngiae C.H. Muller = *Phemeranthus brevicaulis* (S. Watson) Kiger

Family PRIMULACEAE

Cholewa, A.F. 1992. Primulaceae. J. Ariz.-Nev. Acad. Sci. 26(1):17-21.

Anagallis pimpernel

**arvensis* Linnaeus subsp. *arvensis* [M&H; W&S]

scarlet pimpernel

minima (Linnaeus) Krause = *Centunculus minimus* Linnaeus

Androsace rock-jasmine

Robbins, G.T. 1944. North American species of *Androsace*. Amer. Midl. Naturalist 32:137-163.
Wooton, E.O. & P.C. Standley. 1907. The genus *Androsace* in New Mexico. Bull. Torrey Bot. Club 34:517-520.

arizonica Gray = *Androsace occidentalis* Pursh
carinata Torrey = *Androsace chamaejasme* Wulfen subsp. *carinatus* (Torrey) Hultén
chamaejasme Wulfen subsp. *carinatus* (Torrey) Hultén [M&H; W&S]
sweet rock-jasmine

Androsace carinata Torrey
Drosace carinata (Torrey) A. Nelson
diffusa Small = *Androsace septentrionalis* Linnaeus
glandulosa Wooton & Standley = *Androsace septentrionalis* Linnaeus

occidentalis Pursh [M&H; W&S]

western rock-jasmine

Androsace arizonica Gray
Androsace occidentalis Pursh var. *arizonica* (Gray) St. John
Androsace platysepala Wooton & Standley
occidentalis Pursh var. *arizonica* (Gray) St. John = *Androsace occidentalis* Pursh
pinetorum Greene = *Androsace septentrionalis* Linnaeus
platysepala Wooton & Standley = *Androsace occidentalis* Pursh
puberulenta Rydberg = *Androsace septentrionalis* Linnaeus

septentrionalis Linnaeus [M&H; W&S]

northern rock-jasmine

Androsace diffusa Small
Androsace glandulosa Wooton & Standley
Androsace pinetorum Greene
Androsace puberulenta Rydberg
Androsace septentrionalis Linnaeus var. *glandulosa* (Wooton & Standley) St. John
Androsace septentrionalis Linnaeus var. *puberulenta* (Rydberg) Knuth
Androsace septentrionalis Linnaeus var. *subulifera* Gray
Androsace septentrionalis Linnaeus var. *subumbellata* A. Nelson
Androsace subulifera (Gray) Greene
Androsace subumbellata (A. Nelson) Small
septentrionalis Linnaeus var. *glandulosa* (Wooton & Standley) St. John = *Androsace septentrionalis* Linnaeus
septentrionalis Linnaeus var. *puberulenta* (Rydberg) Knuth = *Androsace septentrionalis* Linnaeus
septentrionalis Linnaeus var. *subulifera* Gray = *Androsace septentrionalis* Linnaeus
septentrionalis Linnaeus var. *subumbellata* A. Nelson = *Androsace septentrionalis* Linnaeus
subulifera (Gray) Greene = *Androsace septentrionalis* Linnaeus
subumbellata (A. Nelson) Small = *Androsace septentrionalis* Linnaeus

Centunculus

**minimus* Linnaeus [M&H]

chaffweed

Anagallis minima (Linnaeus) Krause

Dodecatheon shooting-star

Holmgren, N.H. 1994. Redefinition of *Dodecatheon dentatum* (Primulaceae) and rationale for use of varietal rank. Brittonia 46(2):87-94.

ellisiae Standley = *Dodecatheon dentatum* Hooker var. *ellisiae* (Standley) N. Holmgren

dentatum Hooker var. *ellisiae* (Standley) N. Holmgren [Holmgren 1994; M&H; W&S]

white shooting-star

Dodecatheon ellisiae Standley

Primula standleyana A.R. Mast & Reveal

pulchellum (Rafinesque) Merrill [M&H; W&S]

shooting-star

Dodecatheon radicum Greene

radicum Greene = *Dodecatheon pulchellum* (Rafinesque) Merrill

Drosace carinata (Torrey) A. Nelson = *Androsace chamaejasme* Wulfen subsp. *carinatus* (Torrey) Hultén

Glaux sea-milkwort

Reeves, T. 2000. New plant distribution records. The New Mexico Botanist 16:7. [*Glaux maritima*]

maritima Linnaeus [Reeves 2000]

sea-milkwort

Lysimachia yellow-loosestrife

Coffey, V.J. & S.B. Jones, Jr. 1980. Biosystematics of *Lysimachia* section *Seleucia* (Primulaceae). Brittonia 32(3):309-322.

ciliata Linnaeus [M&H; W&S]

fringed yellow-loosestrife

Steironema ciliatum (Linnaeus) Rafinesque

ciliata Linnaeus var. *validula* (Greene) Kearney & Peebles = *Lysimachia hybrida* Michaux

hybrida Michaux [Coffey & Jones 1980; M&H; W&S]

lowland yellow-loosestrife

Lysimachia ciliata Linnaeus var. *validula* (Greene) Kearney & Peebles

Steironema validulum Greene

Primula

primrose

angustifolia Torrey [M&H; W&S]

alpine primrose

ellisiae Pollard & Cockerell [M&H; W&S]

Ellis's primrose

Primula rusbyi Greene var. *ellisiae* (Pollard & Cockerell) L.O Williams

parryi Gray [M&H; W&S]

Parry's primrose

rusbyi Greene [M&H; W&S]

Rusby's primrose

rusbyi Greene var. *ellisiae* (Pollard & Cockerell) L.O. Williams = *Primula ellisiae* Pollard & Cockerell

standleyana A. R. Mast & Reveal = *Dodecatheon ellisiae* Standley

Samolus brookweed

Henrickson, J. 1983. A revision of *Samolus ebracteatus* (sensu lato) (Primulaceae). Southw. Naturalist 28(3):303-314.

cuneatus Small = *Samolus ebracteatus* Humboldt, Bonpland, & Kunth var. *cuneatus* (Small) Henrickson

ebracteatus Humboldt, Bonpland, & Kunth var. *cuneatus* (Small) Henrickson [Henrickson 1983; M&H; W&S]

limey brookweed

Samolus cuneatus Small

ebracteatus Humboldt, Bonpland, & Kunth var. *ebracteatus* : Reported by M&H, but not yet known from NM (Henrickson 1983).

valerandi Linnaeus [M&H; W&S]

sea-side brookweed

Samolus floribundus Humboldt, Bonpland, & Kunth

floribundus Humboldt, Bonpland, & Kunth = *Samolus valerandi* Linnaeus

Steironema ciliatum (Linnaeus) Rafinesque = *Lysimachia ciliata* Linnaeus

validulum Greene = *Lysimachia hybrida* Michaux

Family RAFFLESACEAE

Pilostyles stemsucker

Rose, J.N. 1909. Rafflesiaceae. The North American species of *Pilostyles*, pp. 262-265. IN: Studies of Mexican and Central American Plants, No. 6. Contr. U.S. Natl. Herb. 12:259-302.

Yatskiyevych, G. 1994. Rafflesiaceae. J. Ariz.-Nev. Acad. Sci. 27(2):239.

thurberi Gray [M&H]

stem-sucker

Family RANUNCULACEAE

Aconitum monk's-hood

Brink, D.E. & J.A. Woodson 1997. *Aconitum*, pp. 191-195. IN: Flora of North America, vol. 3. Oxford University Press.

arizonicum Greene = *Aconitum columbianum* Nuttall subsp. *columbianum*

bakeri Greene = *Aconitum columbianum* Nuttall subsp. *columbianum*

columbianum Nuttall var. *bakeri* (Greene) Harrington = *Aconitum columbianum* Nuttall subsp. *columbianum*

columbianum Nuttall subsp. *columbianum* [Brink 1997; M&H; W&S]

monk's-hood

Aconitum arizonicum Greene

Aconitum bakeri Greene

Aconitum columbianum Nuttall var. *bakeri* (Greene) Harrington

Aconitum lutescens A. Nelson

Aconitum mogollonicum Greene

Aconitum porrectum Rydberg

Aconitum robertianum Greene

lutescens A. Nelson = *Aconitum columbianum* Nuttall subsp. *columbianum*

mogollonicum Greene = *Aconitum columbianum* Nuttall subsp. *columbianum*

porrectum Rydberg = *Aconitum columbianum* Nuttall subsp. *columbianum*

robertianum Greene = *Aconitum columbianum* Nuttall subsp. *columbianum*

Actaea baneberry

Ford, B.A. 1997. *Actaea*, pp. 181-183. IN: Flora of North America, vol. 3. Oxford University Press.

arguta Nuttall = *Actaea rubra* (Aiton) Willdenow

arguta Nuttall var. *viridiflora* (Greene) Tidestrom = *Actaea rubra* (Aiton) Willdenow

rubra (Aiton) Willdenow subsp. *arguta* (Nuttall) Hultén [Ford 1997; M&H; W&S]

red baneberry

Actaea arguta Nuttall

Actaea arguta Nuttall var. *viridiflora* (Greene) Tidestrom

Actaea viridiflora Greene

viridiflora Greene = *Actaea rubra* (Aiton) Willdenow subsp. *arguta* (Nuttall) Hultén

Anemone thimbleweed

Dutton, B.E., C.S. Keener, & B.A. Ford. 1997. *Anemone*, pp. 139-158. IN: Flora of North America, vol. 3. Oxford University Press.

Enquist, M. and B. Crozier. 1995. *Anemone tuberosa* (Ranunculaceae) in Texas. Phytologia 78(6):428-445.

canadensis Linnaeus [Dutton & Keener 1997; M&H; W&S]

Canada thimbleweed

cylindrica Gray [Dutton & Keener 1997; M&H; W&S]

long-head thimbleweed

globosa Nuttall ex A. Nelson = *Anemone multifida* Poiret

multifida Poiret [Dutton & Keener 1997; M&H; W&S]

red windflower

Anemone globosa Nuttall ex A. Nelson

patens Linnaeus var. *multifida* Pritzel = *Pulsatilla patens* (Linnaeus) P. Miller subsp. *multifida* (Pritzel) Zamelis

patens Linnaeus var. *wolfgangiana* (Besser) Koch = *Pulsatilla patens* (Linnaeus) P. Miller subsp. *multifida* (Pritzel) Zamelis

sphenophylla of NM authors = *Anemone tuberosa* Rydberg

tuberosa Rydberg var. ***tuberosa*** [Dutton & Keener 1997; M&H; W&S]

desert thimbleweed

Anemone sphenophylla of NM authors

tuberosa Rydberg var. ***texana*** Enquist & Crozier [Enquist & Crozier 1995]

desert thimbleweed

Aquilegia columbine

Whittemore, A.T. 1997. *Aquilegia*, pp. 249-258. IN: Flora of North America, vol. 3. Oxford University Press.

chaplinei Standley ex Payson [M&H; Whittemore 1997]

Chapline's columbine

Aquilegia chrysantha Gray var. *chaplinei* (Standley ex Payson) E.J. Lott

chrysantha Gray [M&H; W&S; Whittemore 1997]

golden columbine

Aquilegia leptocera Nuttall var. *flava* Gray

chrysantha Gray var. *chaplinei* (Standley ex Payson) E.J. Lott = *Aquilegia chaplinei* Standley ex Payson

coerulea James [M&H; W&S; Whittemore 1997]

Colorado blue columbine

desertorum (M.E. Jones) Cockerell ex A. Heller [M&H; Whittemore 1997]

desert columbine

Aquilegia triternata Payson

elegantula Greene [M&H; W&S; Whittemore 1997]

red columbine

formosa Fischer : Reported by W&S, but not known from NM; perhaps referred to *Aquilegia desertorum*, which was first named as a variety of *A. formosa* (M&H; Whittemore 1997).

leptocera Nuttall var. *flava* Gray = *Aquilegia chrysantha* Gray

micrantha Eastwood : Reported as expected by M&H; awaits verification.

Aquilegia rubricunda Tidestrom

rubricunda Tidestrom = *Aquilegia micrantha* Eastwood

triternata Payson = *Aquilegia desertorum* (M.E. Jones) A. Heller

Atragene pseudoalpina (Kuntze) Rydberg = *Clematis columbiana* (Nuttall) Torrey & Gray

Batrachium drouetii (F. Schultz) Nyman = *Ranunculus aquatilis* Linnaeus var. *diffusus* Withering

flaccidum (Persoon) Ruprecht = *Ranunculus aquatilis* Linnaeus var. *diffusus* Withering

trichophyllum (Chaix) Bosch = *Ranunculus aquatilis* Linnaeus var. *diffusus* Withering

Caltha marsh-marigold

Smit, P.G. 1973. A revision of *Caltha* (Ranunculaceae). *Blumea* 21:119-150.

leptosepala A.P. de Candolle [M&H; Smit 1973; W&S]

white marsh-marigold

Caltha leptosepala A.P. de Candolle var. *rotundifolia* Huth

Caltha rotundifolia (Huth) Greene

leptosepala A.P. de Candolle var. *rotundifolia* Huth = *Caltha leptosepala* A.P. de Candolle

rotundifolia (Huth) Greene = *Caltha leptosepala* A.P. de Candolle

Ceratocephala testiculata (Crantz) Besser = *Ranunculus testiculatus* Crantz

Clematis virgin's-bower

Cockerell, T.D.A. 1899. An alien *Clematis* in New Mexico. *Science* (new series) 10:898-899. [*Clematis orientalis*]

Dennis, W.M. 1979. *Clematis pitcheri* T. & G. var. *dictyota* (Greene) Dennis, comb. nov. (Ranunculaceae). *Sida* 8(2):194-195.

Pringle, J. 1997. *Clematis*, pp. 158-176. IN: Flora of North America, vol. 3. Oxford University Press.

arizonica Heller = *Clematis hirsutissima* Pursh var. *hirsutissima*

bakeri Greene = *Clematis hirsutissima* Pursh var. *hirsutissima*

bigelovii Torrey [M&H; Pringle 1997; W&S]

Bigelow's leatherflower

Clematis palmeri Rose

Viorna bigelovii (Torrey) Heller

Viorna palmeri (Rose) Wootton & Standley

columbiana (Nuttall) Torrey & Gray [M&H; Pringle 1997; W&S]

Columbian virgin's-bower

Clematis pseudoalpina (Kuntze) A. Nelson

Atragene pseudoalpina (Kuntze) Rydberg

crux-flava Cockerell = *Clematis orientalis* Linnaeus

drummondii Torrey & Gray [M&H; Pringle 1997; W&S]

Drummond's virgin's-bower

hirsutissima Pursh var. *arizonica* (Heller) Erickson = *Clematis hirsutissima* Pursh var. *hirsutissima*

hirsutissima Pursh var. ***hirsutissima*** [M&H; Pringle 1997; W&S]

sugarbowls

Clematis arizonica Heller

Clematis bakeri Greene

Clematis hirsutissima Pursh var. *arizonica* (Heller) Erickson

Viorna arizonica Heller

Viorna bakeri (Greene) Rydberg

Viorna eriophora Rydberg

Viorna hirsutissima (Pursh) Heller

hirsutissima Pursh var. ***scottii*** (Porter) Erickson [M&H; Pringle 1997; W&S]

Scott's sugarbowls

Clematis scottii Porter

Viorna scottii (Porter) Rydberg

ligusticifolia Nuttall [M&H; Pringle 1997; W&S]

traveler's-joy

Clematis neomexicana Wooton & Standley

neomexicana Wooton & Standley = *Clematis ligusticifolia* Nuttall

****orientalis*** Linnaeus [Cockerell 1899; Pringle 1997; M&H; W&S]

oriental virgin's-bower

Clematis crux-flava Cockerell

palmeri Rose = *Clematis bigelovii* Torrey

pitcheri Torrey & Gray var. ***dictyota*** (Greene) Dennis [Pringle 1997]

bluebill

pitcheri Torrey & Gray var. *filifera* (Bentham) Robinson = *Clematis pitcheri* Torrey & Gray var. *pitcheri*

pitcheri Torrey & Gray var. ***pitcheri*** [M&H; Pringle 1997; W&S]

bluebill

Clematis pitcheri Torrey & Gray var. *filifera* (Bentham) Robinson

Viorna filifera (Bentham) Wooton & Standley

pseudoalpina (Kuntze) A. Nelson = *Clematis columbiana* (Nuttall) Torrey & Gray

scottii Porter = *Clematis hirsutissima* Pursh var. *scottii* (Porter) Erickson

Consolida larkspur

Keener, C.S. 1976. Studies in the Ranunculaceae of the southeastern United States. IV. Genera with zygomorphic flowers. *Castanea* 41:12-20.

Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. *Sida* 11(4):455-470. [*Consolida ajacis*]

Warnock, M.J. 1997. *Consolida*, pp. 240-242. IN: *Flora of North America*, vol. 3. Oxford University Press.

****ajacis*** (Linnaeus) Schur [Spellenberg et al. 1986]

garden larkspur

Delphinium ajacis Linnaeus

Delphinium larkspur

Keener, C.S. 1976. Studies in the Ranunculaceae of the southeastern United States. IV. Genera with zygomorphic flowers. *Castanea* 41:12-20.

Wagner, W.L. 1979. New records to the Animas Mountain flora, New Mexico. *Southw. Naturalist* 24(2):291-296. [*Delphinium andesicola*]

Warnock, M.J. 1981. Biosystematics of the *Delphinium carolinianum* complex (Ranunculaceae). *Syst. Bot.* 6:38-54.

Warnock, M.J. 1995. A taxonomic conspectus of North American *Delphinium*. *Phytologia* 78:73-101.

Warnock, M.J. 1997. *Delphinium*, pp. 196-240. IN: *Flora of North America*, vol. 3. Oxford University Press.

ajacis Linnaeus = *Consolida ajacis* (Linnaeus) Schur

alpestre Rydberg [M&H; W&S; Warnock 1997]

Colorado larkspur

amplibracteatum Wooton = *Delphinium geraniifolium* Rydberg

andesicola Ewan : Reported by M&H and Wagner (1979), but the specimens have been determined as *Delphinium geraniifolium* Rydberg

[Sivinski, pers. comm. 1999]

barbeyi (Huth) Huth [M&H; W&S; Warnock 1997]

subalpine larkspur

Delphinium cockerellii A. Nelson

Delphinium occidentale (S. Watson) S. Watson subsp. *quercicola* Ewan

Delphinium scopulorum Gray var. *subalpinum* Gray

camporum Greene [=*Delphinium carolinianum* Walter subsp. *virescens* (Nuttall) R.E. Brooks] : NM plants of *Delphinium wootonii*

Rydberg have been confused with and named *D. camporum*, but the latter taxon is not yet known from NM [Warnock 1981]

cockerellii A. Nelson = *Delphinium barbeyi* (Huth) Huth

×***confertiflorum*** Wooton [M&H; W&S] Note: This taxon is not treated by Warnock (1995, 1997); it is apparently of hybrid origin from

Delphinium scaposum × *D. wootonii*.

hybrid larkspur

geraniifolium Rydberg [M&H; W&S; Warnock 1997]

bean-leaf larkspur

Delphinium amplibracteatum Wooton

Delphinium tenuisectum Greene subsp. *amplibracteatum* (Wooton) Ewan

macrophyllum Wooton = *Delphinium scopulorum* Gray

- nelsonii* Greene = *Delphinium nuttallianum* Pritzel ex Walpers var. *nuttallianum*
+**novomexicanum** Wooton [M&H; W&S; Warnock 1997]
New Mexico larkspur
Delphinium sierra-blancae Wooton
nuttallianum Pritzel ex Walpers var. **nuttallianum** [M&H; W&S; Warnock 1997]
Nuttall's larkspur
Delphinium nelsonii Greene
occidentale (S. Watson) S. Watson subsp. *quercicola* Ewan = *Delphinium barbeyi* (Huth) Huth
ramosum Rydberg [Warnock 1997]
mountain larkspur
robustum Rydberg [M&H; W&S; Warnock 1997]
hardy larkspur
+**sapellonis** Cockerell [M&H; W&S; Warnock 1997]
Sapello Canyon larkspur
scaposum Greene [M&H; W&S; Warnock 1997]
bare-stem larkspur
scopulorum Gray [M&H; W&S; Warnock 1997]
Rocky Mountain larkspur
Delphinium macrophyllum Wooton
scopulorum Gray var. *subalpinum* Gray = *Delphinium barbeyi* (Huth) Huth
sierra-blancae Wooton = *Delphinium novomexicanum* Wooton
tenuisectum Greene subsp. *amplibracteatum* (Wooton) Ewan = *Delphinium geraniifolium* Rydberg
virescens Nuttall subsp. *wootonii* (Rydberg) Ewan = *Delphinium wootonii* Rydberg
wootonii Rydberg [M&H; W&S; Warnock 1997]
Wooton's larkspur
Delphinium virescens Nuttall subsp. *wootonii* (Rydberg) Ewan
Halerpestes cymbalaria (Pursh) Greene = *Ranunculus cymbalaria* Pursh var. *saximontanus* Fernald
- Myosurus** mouse-tail
Whittemore, A.T. 1994. New names in North American *Myosurus* (Ranunculaceae). *Novon* 4:77-79.
Whittemore, A.T. 1997. *Myosurus*, pp. 135-138. IN: *Flora of North America*, vol. 3. Oxford University Press.
- apetalus** Gay var. **montanus** (G.R. Campbell) Whittemore [M&H; W&S; Whittemore 1997]
bristly mouse-tail
Myosurus aristatus Bentham subsp. *montanus* (G.R. Campbell) Stone
Myosurus minimus Linnaeus subsp. *montanus* Campbell
aristatus Bentham subsp. *montanus* (G.R. Campbell) Stone = *Myosurus apetalus* Gay var. *montanus* (G.R. Campbell) Whittemore
cupulatus S. Watson [M&H; W&S; Whittemore 1997]
Arizona mouse-tail
egglestonii Wooton & Standley = *Myosurus nitidus* Eastwood
minimus Linnaeus [M&H; W&S; Whittemore 1997]
tiny mouse-tail
minimus Linnaeus subsp. *montanus* Campbell = *Myosurus apetalus* Gay var. *montanus* (G.R. Campbell) Whittemore
nitidus Eastwood [M&H; W&S; Whittemore 1997]
western mouse-tail
Myosurus egglestonii Wooton & Standley
- Pulsatilla** pasqueflower
Dutton, B.E., C.S. Keener, & B.A. Ford. 1997. *Anemone*, pp. 139-158. IN: *Flora of North America*, vol. 3. Oxford University Press.
hirsutissima (Pursh) Britton = *Pulsatilla patens* (Linnaeus) P. Miller subsp. *multifida* (Pritzel) Zamelis
ludoviciana (Nuttall) Heller = *Pulsatilla patens* (Linnaeus) P. Miller subsp. *multifida* (Pritzel) Zamelis
patens (Linnaeus) P. Miller subsp. **multifida** (Pritzel) Zamelis [Dutton & Keener 1997; M&H; W&S]
American pasqueflower
Anemone patens Linnaeus var. *multifida* Pritzel
Anemone patens Linnaeus var. *wolfgangiana* (Besser) Koch
Pulsatilla hirsutissima (Pursh) Britton
Pulsatilla ludoviciana (Nuttall) Heller
- Ranunculus** buttercup
Duncan, T. 1980. A taxonomic study of the *Ranunculus hispidus* Michaux complex in the Western Hemisphere. *Univ. California Publ. Bot.* 77:1-125. [*Ranunculus petiolaris*]
Hartman, R.L., B. Reif, B.E. Nelson, & B. Jacobs. 2006. New vascular plant records for New Mexico. *Sida* 22(2):1225-1233. [*R. alismifolius*, *R. repens*]
Marley, G.A. and W.L. Wagner. 1981. Noteworthy collections (New Mexico). *Madroño* 28:41-43. [*Ranunculus testiculatus*]
Whittemore, A.T. 1997. *Ranunculus*, pp. 88-135. IN: *Flora of North America*, vol. 3. Oxford University Press.
- abortivus** Linnaeus [Spellenberg et al. 1986; Whittemore 1997]
kidney-leaf buttercup
***acris** Linnaeus [M&H] Note: M&H report this species from Catron County, but Whittemore (1997) shows a far more northern distribution, with no records for NM; perhaps needs verification.
tall buttercup
alismifolius Geyer ex Bentham var. **montanus** S. Watson [Hartman et al. 2006]
water-plantain buttercup

aquatilis Linnaeus var. *capillaceus* (Thuiller) A.P. de Candolle = *Ranunculus aquatilis* Linnaeus var. *diffusus* Withering
aquatilis Linnaeus var. *diffusus* Withering [M&H; Whittemore 1997]
 thread-leaf buttercup, water-crowfoot
Batrachium drouetii (F. Schultz) Nyman
Batrachium flaccidum (Persoon) Ruprecht
Batrachium longirostre (Godron) F. Schultz
Batrachium trichophyllum (Chaix) Bosch
Ranunculus aquatilis Linnaeus var. *capillaceus* (Thuiller) A.P. de Candolle
Ranunculus circinatus Sibthorp var. *subrigidus* (W. Drew) L. Benson
Ranunculus longirostris Godron
Ranunculus subrigidus Drew
Ranunculus trichophyllum Chaix
arizonicus Lemmon ex A. Gray [M&H; Whittemore 1997]
 Arizona buttercup
cardiophyllus Hooker [M&H; W&S; Whittemore 1997]
 heart-leaf buttercup
Ranunculus nudatus Greene
Ranunculus subsagittatus (Gray) Greene
Ranunculus cardiophyllus Hooker var. *subsagittatus* (Gray) L. Benson
cardiophyllus Hooker var. *subsagittatus* (Gray) L. Benson = *Ranunculus cardiophyllus* Hooker
circinatus Sibthorp var. *subrigidus* (W. Drew) L. Benson = *Ranunculus aquatilis* Linnaeus var. *diffusus* Withering
cymbalaria Pursh [M&H; W&S; Whittemore 1997]
 alkali buttercup
Halerpestes cymbalaria (Pursh) Greene
Ranunculus cymbalaria Pursh var. *saximontanus* Fernald
cymbalaria Pursh var. *saximontanus* Fernald = *Ranunculus cymbalaria* Pursh
ellipticus Greene = *Ranunculus glaberrimus* Hooker var. *ellipticus* Greene
eremogenes Greene = *Ranunculus scleratus* Linnaeus var. *multifidus* Nuttall
eschscholtzii Schlectendal var. *eschscholtzii* [M&H; Whittemore 1997]
 spruce-fir buttercup
fasciculatus Sessé & Moçino [Duncan 1980]
 Arsene's buttercup
Ranunculus macranthus Scheele var. *arsenei* L. Benson
Ranunculus petiolaris Kunth ex A.P. de Candolle var. *arsenei* (L. Benson) T. Duncan
flammula Linnaeus var. *ovalis* (Bigelow) L. Benson [M&H; W&S; Whittemore 1997]
 creeping buttercup
Ranunculus reptans sensu W&S
Ranunculus reptans Linnaeus var. *ovalis* (Bigelow) Torrey & Gray
glaberrimus Hooker var. *ellipticus* (Greene) Greene [M&H; W&S; Whittemore 1997]
 sagebrush buttercup
Ranunculus ellipticus Greene
Ranunculus oreogenes Greene
gmelinii A.P. de Candolle [M&H; W&S; Whittemore 1997]
 yellow buttercup
Ranunculus gmelinii A.P. de Candolle var. *hookeri* (D. Don) L. Benson
Ranunculus purshii Richardson
gmelinii A.P. de Candolle var. *hookeri* (D. Don) L. Benson = *Ranunculus gmelinii* A.P. de Candolle
hydrocharoides Gray [M&H; W&S; Whittemore 1997]
 frog-bit buttercup
inamoenus Greene var. *inamoenus* [M&H; Whittemore 1997]
 ugly buttercup
Ranunculus micropetalus (Greene) Rydberg
longirostris Godron = *Ranunculus aquatilis* Linnaeus var. *diffusus* Withering
macauleyi Gray [M&H; W&S; Whittemore 1997]
 Rocky Mountain buttercup
Ranunculus macauleyi Gray var. *brandegeei* L. Benson
macauleyi Gray var. *brandegeei* L. Benson = *Ranunculus macauleyi* Gray
macounii Britton [M&H; W&S; Whittemore 1997]
 Macoun's buttercup
 macranthus Scheele : Reported as expected by M&H map (probably referring to var. *arsenei*, which belongs to *Ranunculus fasciculatus*
 Sessé & Moçino rather than to *R. macranthus*).
macranthus Scheele var. *arsenei* L. Benson = *Ranunculus fasciculatus* Sessé & Moçino
micropetalus (Greene) Rydberg = *Ranunculus inamoenus* Greene
nudatus Greene = *Ranunculus cardiophyllus* Hooker
oreogenes Greene = *Ranunculus glaberrimus* Hooker var. *ellipticus* Greene
 pedatifida J.E. Smith : Reported for NM by Coulter & Nelson (1909), but not included by Whittemore (1997); needs checking.
pennsylvanicus Linnaeus f. [M&H; W&S; Whittemore 1997]

Pennsylvania buttercup

petiolaris Kunth ex A.P. de Candolle var. *arsenei* (L. Benson) T. Duncan = *Ranunculus fasciculatus* Sessé & Moçño

purshii Richardson = *Ranunculus gmelinii* A.P. de Candolle

ranunculinus (Nuttall) Rydberg [M&H; Whittemore 1997]

tadpole buttercup

****repens*** Linnaeus [Hartman et al. 2006]

creeping buttercup

repens S. Watson var. *marilandicus* (Poiret) Torrey & Gray [=*Ranunculus hispidus* Michaux var. *hispidus*] : Reported by Gray (1853) from the Mimbres River; not treated by later NM authors or by Whittemore (1997); awaits verification.

reptans sensu W&S = *Ranunculus flammula* Linnaeus var. *ovalis* (Bigelow) L. Benson

reptans Linnaeus var. *ovalis* (Bigelow) Torrey & Gray = *Ranunculus flammula* Linnaeus var. *ovalis* (Bigelow) L. Benson

sceleratus Linnaeus var. ***multifidus*** Nuttall [M&H; W&S; Whittemore 1997]

cursed buttercup

Ranunculus eremogenes Greene

subrigidus Drew = *Ranunculus aquatilis* Linnaeus var. *diffusus* Withering

subsagittatus (Gray) Greene = *Ranunculus cardiophyllus* Hooker

****testiculatus*** Crantz [Marley & Wagner 1981; Whittemore 1997]

curve-seed buttercup

Ceratocephala testiculata (Crantz) Besser

trichophyllus Chaix = *Ranunculus aquatilis* Linnaeus var. *diffusus* Withering

uncinatus D. Don ex G. Don var. ***earlei*** (Greene) L. Benson [M&H; Whittemore 1997]

woodland buttercup

Thalictrum meadow-rue

Park, M.M. & D.Festerling, Jr. 1997. *Thalictrum*, pp. 258-271. IN: Flora of North America, vol. 3. Oxford University Press.

alpinum Linnaeus [M&H; Park & Festerling 1997; W&S]

alpine meadow-rue

Thalictrum alpinum Linnaeus var. *hebetum* Boivin

Thalictrum cheilanthoides Greene

alpinum Linnaeus var. *hebetum* Boivin = *Thalictrum alpinum* Linnaeus

cheilanthoides Greene = *Thalictrum alpinum* Linnaeus

dasyarpum Fischer & Avé-Lallemant [M&H; Park & Festerling 1997; W&S]

purple meadow-rue

fendleri Engelm ex Gray [M&H; Park & Festerling 1997; W&S]

Fendler's meadow-rue

Thalictrum fendleri Engelm var. *wrightii* (Gray) Trelease

Thalictrum wrightii Gray

fendleri Engelm var. *wrightii* (Gray) Trelease = *Thalictrum fendleri* Engelm

occidentale Gray : Reported by W&S, based on a staminate plant with large entire leaflets [Herrick s.n. (NMC)]; not verified as *T. occidentale* by M. Park, who examined the plant and left it undetermined as to species.

revolutum A.P. de Candolle [Whittemore 1997]

waxy meadow-rue

venulosum Trelease [Park & Festerling 1997]

veiny-leaf meadow-rue

wrightii Gray = *Thalictrum fendleri* Engelm

Trautvetteria tassel-rue

Parfitt, B.D. 1997. *Trautvetteria*, pp. 138-139. IN: Flora of North America, vol. 3. Oxford University Press.

caroliniensis (Walter) Vail [M&H; Parfitt 1997; W&S]

Carolina tassel-rue

Trautvetteria grandis Nuttall

grandis Nuttall = *Trautvetteria caroliniensis* (Walter) Vail

Viorna arizonica Heller = *Clematis hirsutissima* Pursh var. *hirsutissima*

bakeri (Greene) Rydberg = *Clematis hirsutissima* Pursh var. *hirsutissima*

bigelovii (Torrey) Heller = *Clematis bigelovii* Torrey

eriophora Rydberg = *Clematis hirsutissima* Pursh var. *hirsutissima*

filifera (Benth) Wooton & Standley = *Clematis pitcheri* Torrey & Gray var. *filifera* (Benth) Robinson

hirsutissima (Pursh) Heller = *Clematis hirsutissima* Pursh var. *hirsutissima*

palmeri (Rose) Wooton & Standley = *Clematis bigelovii* Torrey

scottii (Porter) Rydberg = *Clematis hirsutissima* Pursh var. *scottii* (Porter) Erickson

Family RESEDACEAE

Dipetalia subulata sensu W&S = *Oligomeris linifolia* (Vahl) Macbride

Oligomeris white-puff

Campbell, R.S. & E.L. Little, Jr. 1935. Notes on the flora of the Jornada Experimental Range, New Mexico. Mimeograph copy at NMCR. [*Oligomeris linifolia*]

linifolia (Vahl) Macbride [M&H; W&S]

white-puff

Dipetalia subulata sensu W&S

Family RHAMNACEAE

Brizicky, G.K. 1964. The genera of Rhamnaceae in the southeastern United States. J. Arnott Arbor. 45:439-463.

Johnston, M.C. & L.A. Johnston. 1969. Rhamnaceae, IN Flora of Texas 2(pt II):357-388.

Adolphia junco

Hess, W.J. 2002. New plant distribution records. The New Mexico Botanist 21:2. [*Adolphia infesta*]

Turner, R. 2006. Plant distribution reports (*Adolphia infesta*). The New Mexico Botanist 36:7.

infesta (Kunth) Meisner [Hess 2001, Turner 2006]

Texas junco

Ceanothus buckbrush

Schmidt, C. 1999. Full text key to N. American species of *Ceanothus*. Available online at

<http://www.orst.edu/dept/botany/herbarium/projects/ceanothus/keys/wholekey.html>

fendleri Gray [M&H; W&S]

Fendler's buckbrush

greggii Gray var. **greggii** [M&H; W&S]

desert buckbrush

greggii Gray var. perplexans (Trelease) Jepson : Reported as expected by M&H; this seems unlikely in view of the distribution reported by Schmidt (1999).

Ceanothus perplexans Trellease

herbaceus Rafinesque [Brizicky 1964; Schmidt 1999]

prairie redroot

Ceanothus ovatus Desfontaines

integerrimus Hooker & Arnott [M&H; W&S]

deerbrush

Ceanothus mogollonicus Greene

mogollonicus Greene = *Ceanothus integerrimus* Hooker & Arnott [M&H]

ovatus Desvaux = *Ceanothus herbaceus* Rafinesque

perplexans Trellease = *Ceanothus greggii* Gray var. *perplexans* (Trellease) Jepson

Condalia bluewood

Benson, L. & R.A. Darrow. 1981. Trees and Shrubs of the Southwestern Deserts. 3rd ed. Univ. Arizona Press. 416 p.

Johnston, M.C. 1962. Revision of *Condalia* including *Microrhamnus* (Rhamnaceae). Brittonia 14:332-368.

correllii M.C. Johnston [Benson & Darrow 1981; Johnston 1962; M&H]

Correll's snakewood

Condalia mexicana sensu M&H

ericoides (Gray) M.C. Johnston [Johnston 1962; M&H]

javelina-bush

Microrhamnus ericoides Gray

lycioides (Gray) Weberbauer = *Ziziphus obtusifolia* (Hooker ex Torrey & Gray) Gray var. *obtusifolia*

lycioides (Gray) Weberbauer var. *canescens* (Gray) Trellease = *Ziziphus obtusifolia* (Hooker ex Torrey & Gray) Gray var. *canescens* (Gray)

M.C. Johnston

mexicana sensu M&H = *Condalia correllii* M.C. Johnston

spathulata of NM reports = *Condalia warnockii* M.C. Johnston

warnockii M.C. Johnston var. **warnockii** [Johnston 1962; M&H]

crucillo

Condalia spathulata of NM authors

Frangula betulifolia (Greene) V. Grub ssp. *obovata* (Kearney & Peebles) Kartesz & Gandhi = *Rhamnus betulifolia* Greene

californica (Eschscholtz) A. Gray ssp. *ursina* (Greene) Kartesz & Gandhi = *Rhamnus tomentella* Bentham subsp. *ursina* (Greene) J.O.

Sawyer

Microrhamnus ericoides Gray = *Condalia ericoides* (Gray) M.C. Johnston

Rhamnus buckthorn

Bolmgren, K. & B. Oxelman. 2004. Generic limits in *Rhamnus* L. s.l. (Rhamnaceae) inferred from nuclear and chloroplast DNA sequences phylogenies. Taxon 53(2):383-390.

Johnston, L.A. 1975. Revision of the *Rhamnus serrata* complex. Sida 6:67-79.

Sawyer, J.O. Jr. 1993. New combinations in *Rhamnus* (Rhamnaceae). Madroño 40:65.

betulifolia Greene [M&H; W&S]

birch-leaf buckthorn

Frangula betulifolia (Greene) V. Grub ssp. *obovata* (Kearney & Peebles) Kartesz & Gandhi

californica Eschscholtz subsp. *ursina* (Greene) C.B. Wolf = *Rhamnus tomentella* Bentham subsp. *ursina* (Greene) J.O. Sawyer

fasciculata Greene = *Rhamnus serrata* Schultes var. *serrata*

obtusifolia Hooker ex Torrey & Gray = *Ziziphus obtusifolia* (Hooker ex Torrey & Gray) Gray var. *obtusifolia*

serrata Humboldt & Bonpland ex Schultes var. **serrata** [Johnston 1975; M&H; W&S]

sawtooth buckthorn

Rhamnus fasciculata Greene

Rhamnus smithii Greene subsp. *fasciculata* (Greene) C.B. Wolf

smithii Greene subsp. *fasciculata* (Greene) C.B. Wolf = *Rhamnus serrata* Schultes var. *serrata*

smithii Greene [Johnston 1975; M&H; W&S]

Smith's buckthorn

tomentella Bentham subsp. **ursina** (Greene) J.O. Sawyer [M&H; W&S]

California buckthorn

Frangula californica (Eschscholtz) Gray subsp. *ursina* (Greene) Kartesz & Gandhi

Rhamnus californica Eschscholtz subsp. *ursina* (Greene) C.B. Wolf

Rhamnus ursina Greene

ursina Greene = *Rhamnus tomentella* Benthams subsp. *ursina* (Greene) J.O. Sawyer

Sageretia sageretia

wrightii S. Watson [M&H]

Wright's sageretia

Ziziphus lotebush

Johnston, M.C. 1963. The species of *Ziziphus* indigenous to United States and Mexico. Amer. J. Bot. 50:1020-1027.

obtusifolia (Hooker ex Torrey & Gray) Gray var. **canescens** (Gray) M.C. Johnston [Johnston 1963; M&H]

lotebush

Condalia lycioides (Gray) Weberbauer var. *canescens* (Gray) Trelease

Zizyphus lycioides Gray var. *canescens* Gray

obtusifolia (Hooker ex Torrey & Gray) Gray var. **obtusifolia** [Johnston 1963; M&H; W&S]

lotebush

Condalia lycioides (Gray) Weberbauer

Rhamnus obtusifolia Hooker ex Torrey & Gray

Zizyphus lycioides Gray

lycioides Gray var. *canescens* Gray = *Zizyphus obtusifolia* (Hooker ex Torrey & Gray) Gray var. *canescens* (Gray) M.C. Johnston

lycioides Gray = *Zizyphus obtusifolia* (Hooker ex Torrey & Gray) Gray var. *obtusifolia*

Family ROSACEAE

[Amygdalaceae, Malaceae]

Agrimonia burhead

brittonia Bicknell = *Agrimonia striata* Michaux

brittonia Bicknell var. *occidentalis* Bicknell = *Agrimonia striata* Michaux

grypsosepala Wallroth [M&H]

hairy burhead

striata Michaux [M&H; W&S]

woodland burhead

Agrimonia brittonia Bicknell

Agrimonia brittonia Bicknell var. *occidentalis* Bicknell

Alchemilla lady's mantle

Mackay, H.A. 1972. *Alchemilla minor* Huds. (Rosaceae) in New Mexico. Southwest. Nat. 17(2): 197. [*Alchemilla vulgaris*]

filicaulis Buser subsp. *vestita* (Buser) M.E. Bradshaw = *Alchemilla vulgaris* Linnaeus

minor Hudson = *Alchemilla vulgaris* Linnaeus

monticola Opiz = *Alchemilla vulgaris* Linnaeus

***vulgaris** Linnaeus [Mackay 1972] Note: This species occurs in none of the states surrounding NM, but is found in Quebec and Greenland.

Lady's mantle

Alchemilla filicaulis Buser subsp. *vestita* (Buser) M.E. Bradshaw

Alchemilla minor Hudson

Alchemilla monticola Opiz

Amelanchier serviceberry

Jones, G.N. 1946. American species of *Amelanchier*. Univ. Illinois Biol. Monogr. 20:1-100.

Welsh, S.L., N.D. Atwood, S. Goodrich, & L.C. Higgins (eds.). 1993. A Utah Flora. 2nd ed. Provo, Utah: Brigham Young Univ. Press.

alnifolia Nuttall [M&H; W&S]

western serviceberry

Amelanchier polycarpa Greene

Amelanchier pumila Roemer

australis Standley = *Amelanchier utahensis* Koehne

bakeri Greene = *Amelanchier utahensis* Koehne

crenata Greene = *Amelanchier utahensis* Koehne

goldmanii Wooton & Standley = *Amelanchier utahensis* Koehne

mormonica C.K. Schneider = *Amelanchier utahensis* Koehne

oreophila A. Nelson = *Amelanchier utahensis* Koehne

polycarpa Greene = *Amelanchier alnifolia* (Nuttall) Nuttall

pumila (Torrey & Gray) Nuttall ex Roemer = *Amelanchier alnifolia* (Nuttall) Nuttall

rubescens Greene = *Amelanchier utahensis* Koehne

utahensis Koehne [M&H; W&S]

Utah serviceberry

Amelanchier australis Standley

Amelanchier bakeri Greene

Amelanchier crenata Greene

Amelanchier goldmanii Wooton & Standley

Amelanchier mormonica C.K. Schneider

Amelanchier oreophila A. Nelson
Amelanchier rubescense Greene

Argentina anserina (Linnaeus) Rydberg = *Potentilla anserina* Linnaeus
argentea Rydberg = *Potentilla anserina* Linnaeus

Bossekia deliciosa (Torrey) A. Nelson = *Rubus deliciosus* Torrey var. *deliciosus*
parviflora (Nuttall) Greene = *Rubus parviflorus* Nuttall

Cercasus crenulata Greene = *Prunus emarginata* (Douglas ex Hooker) D. Dietrich

Cercocarpus mountain mahogany
Denham, R.A. 1996. Key to the taxa of *Cercocarpus* (mountain mahogany) in New Mexico. The New Mexico Botanist 4:3-5.
Lis, R.A. 1992. Leaf architectural survey of *Cercocarpus* (Rosaceae) and its systematic significance. Int. J. Plant Sci. 153(2):258-272.

argenteus Rydberg = *Cercocarpus montanus* Rafinesque var. *argenteus* (Rydberg) F. L. Martin
breviflorus Gray var. **breviflorus** [Denham 1996; M&H; W&S]
desert mountain mahogany
Cercocarpus montanus Rafinesque var. *paucidentatus* (S. Watson) F. L. Martin
Cercocarpus paucidentatus (S. Watson) Britton

breviflorus Gray var. **eximius** sensu Kearny & Peebles [Denham 1996.] Note: There are problems with the application of this epithet (*eximius*), but this name will serve to identify the taxon until the nomenclature is resolved.
desert mountain mahogany

intricatus S. Watson [Denham 1996; Marley & Wagner 1981]
little-leaf mountain mahogany

montanus Rafinesque var. **argenteus** (Rydberg) F. L. Martin [Denham 1996; M&H; W&S]
common mountain mahogany
Cercocarpus argenteus Rydberg

montanus Rafinesque var. **montanus** [Denham 1996; M&H; W&S]
common mountain mahogany
montanus Rafinesque var. *paucidentatus* (S. Watson) F. L. Martin = *Cercocarpus breviflorus* Gray var. *breviflorus*
paucidentatus (S. Watson) Britton = *Cercocarpus breviflorus* Gray var. *breviflorus*

Coleogyne ramosissima Torrey : Reported as expected by M&H; awaits verification.

Cowania mexicana D. Don var. *stansburiana* (Torrey) Jepson = *Purshia stansburiana* (Torrey) Henrickson
stansburiana Torrey = *Purshia stansburiana* (Torrey) Henrickson

Crataegus hawthorn
Phipps, J.B. 1998. Introduction to the red-fruited hawthorns (*Crataegus*, Rosaceae) of western North America. Can. J. Bot. 76:1863-1899.
Phipps, J.B. 1999. The relationships of the American black-fruited hawthorns *Crataegus erythropoda*, *C. rivularis*, *C. saligna* and *C. brachyacantha* to *C. ser.*
Douglasiana (Rosaceae). Sida 18(3):647-660.

cerronis A. Nelson = *Crataegus erythropoda* Ashe
erythropoda Ashe [M&H; Phipps 1998; W&S]
Cerro hawthorn
Crataegus cerronis A. Nelson

macracantha Loddiges ex Loud var. **occidentalis** (Britton) Eggl. [Phipps 1998]
fleshy hawthorn

rivularis Nuttall [M&H; Phipps 1999; W&S]
river hawthorn

+**wootoniana** Eggleston [M&H; Phipps 1998; W&S]
Wooton hawthorn

Dasiphora fruticosa (Linnaeus) Rydberg = *Potentilla fruticosa* Linnaeus

Drymocaulis convallaria Rydberg = *Potentilla arguta* Pursh subsp. *convallaria* (Rydberg) Keck
fissa (Nuttall) Rydberg = *Potentilla fissa* Nuttall
glandulosa (Lindley) Rydberg = *Potentilla glandulosa* Lindley

Fallugia Apache-plume
paradoxa (D. Don) Endlicher ex Torrey [M&H; W&S]
Apache-plume
Fallugia paradoxa (D. Don) Endlicher ex Torrey var. *acuminata* Wooton
Fallugia micrantha Cockerell
Sieversia paradoxa D. Don
paradoxa (D. Don) Endlicher var. *acuminata* Wooton = *Fallugia paradoxa* (D. Don) Endlicher ex Torrey
micrantha Cockerell = *Fallugia paradoxa* (D. Don) Endlicher ex Torrey

Fragaria strawberry
Staudt, G. 1962. Taxonomic studies in the genus *Fragaria*: Typification of *Fragaria* species known at the time of Linnaeus. Can. J. Bot. 40:869-886.

americana of NM authors = *Fragaria vesca* Linnaeus
bracteata Heller = *Fragaria vesca* Linnaeus
californica Chamisso & Schlechtendal = *Fragaria vesca* Linnaeus
firma Rydberg = *Fragaria virginiana* Duchesne
glauca (S. Watson) Rydberg = *Fragaria virginiana* Duchesne
mexicana sensu W&S = *Fragaria virginiana* Duchesne
ovalis (Lehmann) Rydberg = *Fragaria virginiana* Duchesne
vesca Linnaeus [M&H; W&S]
woodland strawberry

Fragaria americana of NM authors, not (Porter) Britton
Fragaria bracteata Heller
Fragaria californica Chamisso & Schlechtendal
Fragaria vesca Linnaeus subsp. *bracteata* (Heller) Staudt
Fragaria vesca Linnaeus subsp. *californica* (Chamisso & Schlechtendal) Staudt
vesca Linnaeus subsp. *bracteata* (Heller) Staudt = *Fragaria vesca* Linnaeus
vesca Linnaeus subsp. *californica* (Chamisso & Schlechtendal) Staudt = *Fragaria vesca* Linnaeus
virginiana Duchesne [M&H; W&S]

pale strawberry

Fragaria firma Rydberg
Fragaria glauca (S. Watson) Rydberg
Fragaria mexicana sensu W&S
Fragaria ovalis (Lehmann) Rydberg
Fragaria virginiana Duchesne subsp. *glauca* (S. Watson) Staudt
Fragaria virginiana Duchesne var. *glauca* S. Watson
Potentilla ovalis Lehmann
virginiana Duchesne subsp. *glauca* (S. Watson) Staudt = *Fragaria virginiana* Duchesne
virginiana Duchesne subsp. *glauca* (S. Watson) Staudt = *Fragaria virginiana* Duchesne

Geum avens

Hartman, R.L., B. Reif, B.E. Nelson, & B. Jacobs. 2006. New vascular plant records for New Mexico. *Sida* 22(2):1225-1233. [*G. triflorum triflorum*]
Taylor, K. 1997. *Geum rivale* L.. *J. Ecology* 85(5): 721-731.

aleppicum Jacquin [M&H; W&S]

yellow avens

Geum aleppicum Jacquin var. *decurrens* (Rydberg) Kearney & Peebles
Geum decurrens Rydberg
Geum strictum Aiton (nom. illegit.)
Geum strictum Aiton var. *decurrens* (Rydberg) Kearney & Peebles (nom. illegit.)
aleppicum Jacquin var. *decurrens* (Rydberg) Kearney & Peebles = *Geum aleppicum* Jacquin
ciliatum Pursh = *Geum triflorum* Pursh var. *ciliatum* (Pursh) Fassett
decurrens Rydberg = *Geum aleppicum* Jacquin

macrophyllum Willdenow var. **perincisum** (Rydberg) Raup [M&H; W&S]

big-leaf avens

Geum oregonens (Scheutz) Rydberg
Geum perincisum Rydberg
oregonens (Scheutz) Rydberg = *Geum macrophyllum* Willdenow var. *perincisum* (Rydberg) Raup
perincisum Rydberg = *Geum macrophyllum* Willdenow var. *perincisum* (Rydberg) Raup

rivale Linnaeus [M&H; W&S]

purple avens

rossii (R. Brown) Seringe var. **turbinatum** (Rydberg) C.L. Hitchcock [M&H; W&S]

Ross's avens

Geum turbinatum Rydberg
Sieversia turbinata (Rydberg) Greene
strictum Aiton var. *decurrens* (Rydberg) Kearney & Peebles (nom. illegit.) = *Geum aleppicum* Jacquin
strictum Aiton (nom. illegit.) = *Geum aleppicum* Jacquin

triflorum Pursh var. **ciliatum** (Pursh) Fassett [M&H; W&S]

old-man's-whiskers

Geum ciliatum Pursh
Sieversia ciliata (Pursh) G. Don
Sieversia grisea (Greene) Rydberg

triflorum Pursh var. **triflorum** [Hartman et al. 2006]

old-man's-whiskers

turbinatum Rydberg = *Geum rossii* (R. Brown) Seringe var. *turbinatum* (Rydberg) C.L. Hitchcock

Holodiscus mountain-spray, ocean-spray

Ley, A. 1943. A taxonomic revision of the genus *Holodiscus* (Rosaceae). *Bull. Torrey Bot. Club* 70:275-288.

australis Heller = *Holodiscus dumosus* (Nuttall ex Hooker) Heller

dumosus (Nuttall ex Hooker) Heller [M&H; W&S]

mountain-spray

Holodiscus australis Heller
Holodiscus dumosus (Nuttall) Heller var. *australis* (Heller) Ley
Sericotheca dumosa (Nuttall) Rydberg
Spiraea dumosa Nuttall

dumosus (Nuttall) Heller var. *australis* (Heller) Ley = *Holodiscus dumosus* (Nuttall ex Hooker) Heller

Malus apple

communis Poiret = *Malus pumila* P. Miller
domestica (Borkhausen) Borkhausen = *Malus pumila* P. Miller

***pumila** P. Miller [M&H]

apple

Malus communis Poiret

Malus domestica (Borkhausen) Borkhausen
Malus sylvestris N. Amer. auct., non P. Miller
 sylvestris N. Amer. auct., non P. Miller = *Malus pumila* P. Miller
Pyrus malus Linnaeus
Opulaster monogynus (Torrey) Kuntze = *Physocarpus monogynus* (Torrey) Coulter
Oreobatus deliciosus (Torrey) Rydberg = *Rubus deliciosus* Torrey subsp. *deliciosus*
rubicundus Wooton & Standley = *Rubus deliciosus* Torrey subsp. *neomexicanus* (Gray) W.A. Weber
neomexicanus (Gray) Rydberg = *Rubus deliciosus* Torrey subsp. *neomexicanus* (Gray) W.A. Weber
Padus calophylla Wooton & Standley = *Prunus virginiana* Linnaeus var. *melanocarpa* (A. Nelson) Sargent
melanocarpa (A. Nelson) Shafer = *Prunus virginiana* Linnaeus var. *melanocarpa* (A. Nelson) Sargent
mescaleria Wooton & Standley = *Prunus virginiana* Linnaeus var. *melanocarpa* (A. Nelson) Sargent
pumicea Wooton & Standley = *Prunus virginiana* Linnaeus var. *melanocarpa* (A. Nelson) Sargent
rufula Wooton & Standley = *Prunus serotina* Ehrhart *rufula* (Wooton & Standley) McVaugh
valida Wooton & Standley = *Prunus virginiana* Linnaeus var. *demissa* (Nuttall) Torrey
virens Wooton & Standley = *Prunus serotina* Ehrhart *virens*
Pentaphylloides shrubby cinquefoil
fruticosa (Linnaeus) O. Schwarz [M&H; W&S]
 shrubby cinquefoil
Dasiphora fruticosa (Linnaeus) Rydberg
Potentilla fruticosa Linnaeus
Peraphyllum Indian-apple
ramosissimum Nuttall [M&H; W&S]
 Indian-apple
Petrophyton rockmat
caespitosum (Nuttall) Rydberg [M&H; W&S]
 Rocky Mountain rockmat
Spiraea caespitosa Nuttall
Spiraea caespitosa Nuttall var. *elatus* (Nuttall) Tidestrom
Physocarpus ninebark
monogynus (Torrey) Coulter [M&H; W&S]
 mountain ninebark
Opulaster monogynus (Torrey) Kuntze
Spiraea monogyna Torrey
Potentilla cinquefoil
 Hartman, R.L., B. Reif, B.E. Nelson, & B. Jacobs. 2006. New vascular plant records for New Mexico. *Sida* 22(2):1225-1233. [*P. fissa*]
 Holmgren, N. 1997. Rosaceae, pp. 64-158. IN: Intermountain Flora, vol. 3A. New York Botanical Garden.
 Kohli, B. & J.G. Packer. 1976. A contribution to the taxonomy of the *Potentilla pensylvanica* complex in North America. *Can. J. Bot.* 54:706-719. [*Potentilla bipinnatifida*]
 McKay, H.A. 1970. A comparative floristic study of the Rio Hondo Canyon-Lake Fork-Wheeler Peak locale, New Mexico, and the Huerfano River-Blanca Peak locale, Colorado. Ph.D. thesis, University of New Mexico. 226 pp. [*Potentilla uniflora*]
 Peterson, R.S. 2000. On our alpine *Potentillas*. *The New Mexico Botanist* 16:5.
 Rydberg, P.A. 1908. *Potentilla* [under *Potentilla*, *Argentina*, *Comarum*, *Dasiphora*, & *Drymocallis*]. *N. Amer. Fl.* 22(4):293-355, 366-376.
 Welsh, S.L., N.D. Atwood, S. Goodrich, & L.C. Higgins (eds.). 1993. *A Utah Flora*. 2nd ed. Provo, Utah: Brigham Young Univ. Press. [*Potentilla gracilis* vars. *elmeri* & *glabrata*]
ambigens Greene [M&H; W&S]
 silky-leaf cinquefoil
anserina Linnaeus [M&H; W&S]
 silverweed
Argentina anserina (Linnaeus) Rydberg
Argentina argentea Rydberg
Potentilla anserina Linnaeus var. *concolor* Seringe
Potentilla anseriana Linnaeus var. *sericea* (Linnaeus) Hayne
anserina Linnaeus var. *concolor* Seringe = *Potentilla anseriana* Linnaeus
anserina Linnaeus var. *sericea* (Linnaeus) Hayne = *Potentilla anseriana* Linnaeus
arguta Pursh subsp. *convallaria* (Rydberg) Keck [M&H; W&S]
 tall cinquefoil
Drymocaulis convallaria Rydberg
Potentilla convallaria Rydberg
atrorubens Rydberg = *Potentilla thurberi* Gray var. *atrorubens* (Rydberg) Kearney & Peebles
bicrenata Rydberg [M&H; W&S]
 Rocky Mountain cinquefoil
Potentilla concinna L.C.M. Richard var. *bicrenata* (Rydberg) Welsh & Johnston
 biennis Greene : Reported as expected by M&H; awaits verification.
bipinnatifida Douglas ex Hooker [Kohli & Packer 1976]
 tansy cinquefoil
concinna L.C.M. Richard var. *bicrenata* (Rydberg) Welsh & Johnston = *Potentilla bicrenata* Rydberg
concinna L.C.M. Richard [M&H; Peterson 2000]
 red cinquefoil

Potentilla divisa (Rydberg) Rydberg
Potentilla oblanceolata Rydberg
concinna L.C.M. Richard var. *rubripes* (Rydberg) C.L. Hitchcock = *Potentilla subjuga* Rydberg
convallaria Rydberg = *Potentilla arguta* Pursh subsp. *convallaria* (Rydberg) Keck
crinita Gray [W&S]
 bearded cinquefoil
Potentilla lemmoni (S. Watson) Greene
diffusa A. Gray = *Potentilla hippiana* Lehmann
divisa (Rydberg) Rydberg = *Potentilla concinna* L.C.M. Richard var. *concinna*
diversifolia Lehmann [M&H; W&S]
 meadow cinquefoil
effusa of authors = *Potentilla hippiana* Lehmann
filipes Rydberg = *Potentilla gracilis* Douglas ex Hooker var. *pulcherrima* (Lehmann) Fernald
fissa Nuttall [Hartman et al. 2006]
 big-flower cinquefoil
Drymocaulis fissa (Nuttall) Rydberg
fruticosa Linnaeus = *Pentaphylloides fruticosa* (Linnaeus) O. Schwarz
glandulosa Lindley [M&H; W&S]
 sticky cinquefoil
Drymocaulis glandulosa (Lindley) Rydberg
gracilis Douglas ex Hooker var. **elmeri** (Rydberg) Jepson [Holmgren 1997; Welsh et al. 1993]
 Elmer's cinquefoil
Potentilla pectinisecta Rydberg
gracilis Douglas ex Hooker var. *fastigiata* (Nuttall) S. Watson = *Potentilla gracilis* Douglas ex Hooker var. *glabrata* (Lehmann) C.L. Hitchcock
gracilis Douglas ex Hooker var. **glabrata** (Lehmann) C.L. Hitchcock [Welsh et al. 1993]
 glabrate cinquefoil
Potentilla gracilis Douglas ex Hooker var. *fastigiata* (Nuttall) S. Watson
gracilis Douglas ex Hooker var. **pulcherrima** (Lehmann) Fernald [M&H; W&S]
 beautiful cinquefoil
Potentilla filipes Rydberg
Potentilla pulcherrima Lehmann
hippiana Lehmann var. *diffusa* (A. Gray) Lehmann = *Potentilla hippiana* Lehmann
hippiana Lehmann [M&H; W&S]
 wooly cinquefoil
Potentilla diffusa A. Gray
Potentilla effusa of authors
Potentilla hippiana Lehmann var. *diffusa* (A. Gray) Lehmann
Potentilla propinqua Rydberg
lemmoni (S. Watson) Greene = *Potentilla crinita* Gray
leucocarpa Rydberg = *Potentilla rivalis* Nuttall
millegrana Engelm = *Potentilla rivalis* Nuttall
monspeliensis Linnaeus = *Potentilla norvegica* Linnaeus
nivea Linnaeus : reported by Welsh et al. (1993), but questioned by Peterson (2000)
norvegica Linnaeus [M&H; W&S]
 Norwegian cinquefoil
Potentilla monspeliensis Linnaeus
oblanceolata Rydberg = *Potentilla concinna* L.C.M. Richard
ovalis Lehmann = *Fragaria virginiana* Duchesne
ovina Macoun ex J.M. Macoun : Reported by Kartesz (1999) based on Hitchcock et al. (1955-1969), but not by any other workers; awaits verification.
paradoxa Nuttall [M&H; W&S]
 bushy cinquefoil
pectinisecta Rydberg = *Potentilla gracilis* Douglas ex Hooker var. *elmeri* (Rydberg) Jepson
pennsylvanica Linnaeus [M&H; W&S]
 Pennsylvania cinquefoil
Potentilla strigosa (Pursh) Pallas
plattensis Nuttall [M&H; W&S]
 Platt River cinquefoil
propinqua Rydberg = *Potentilla hippiana* Lehmann var. *diffusa* Lehmann
pulcherrima Lehmann = *Potentilla gracilis* Douglas ex Hooker var. *pulcherrima* (Lehmann) Fernald
rivalis Nuttall var. *millegrana* (Engelm) S. Watson = *Potentilla rivalis* Nuttall
rivalis Nuttall [M&H; W&S]
 brook cinquefoil
Potentilla leucocarpa Rydberg
Potentilla millegrana Engelm
Potentilla rivalis Nuttall var. *millegrana* (Engelm) S. Watson

rubricaulis Lehmann : Reported tenuously by Baker (1983), but questioned by Peterson (2000)

sibbaldii Hall f. = *Sibbaldia procumbens* Linnaeus

+*sierra-blancae* Wooton & Standley [M&H; W&S]

Sierra Blanca cinquefoil

strigosa (Pursh) Pallas = *Potentilla pennsylvanica* Linnaeus

subjuga Rydberg [Spellenberg et al. 1986]

Colorado cinquefoil

Potentilla concinna L.C.M. Richard var. *rubripes* (Rydberg) C.L. Hitchcock

subviscosa Greene [M&H; W&S]

Navajo cinquefoil

thurberi Gray var. *atrorubens* (Rydberg) Kearney & Peebles [M&H; W&S]

Thurber's cinquefoil

Potentilla atrorubens Rydberg

thurberi Gray var. *thurberi* [M&H; W&S]

Thurber's cinquefoil

uniflora Ledebour [McKay 1970]

one-flower cinquefoil

Prunus plum, cherry

Cox, G. 2004. Plant distribution reports. The New Mexico Botanist 31:1. [*Prunus armeniaca*]

Hartman, R.L., B. Reif, B.E. Nelson, & B. Jacobs. 2006. New vascular plant records for New Mexico. Sida 22(2):1225-1233. [*P. persica*]

McVaugh, R. 1951. Revision of the North American black cherries. Brittonia 7(4):279-315.

Sargent, C.S. 1920. Notes on North American trees. VII. J. Arnold Arbor. 1:112-122. [*Prunus virginiana demissa*]

**americana* Marshall [M&H; W&S]

American plum

angustifolia Marshall var. *watsonii* (Sargent) Waugh [M&H; W&S]

Chickasaw plum

Prunus watsonii Sargent

**armeniaca* Linnaeus [Cox 2004]

apricot

**cerasus* Linnaeus [M&H]

sour cherry

emarginata (Douglas ex Hooker) D. Dietrich var. *crenulata* (Greene) Kearney & Peebles = *Prunus emarginata* (Douglas ex Hooker) D.

Dietrich

emarginata (Douglas ex Hooker) D. Dietrich [M&H; W&S]

bitter cherry

Cerasus crenulata Greene

Prunus emarginata (Douglas ex Hooker) D. Dietrich var. *crenulata* (Greene) Kearney & Peebles

gracilis Engelmann & Gray [M&H]

Oklahoma plum

Prunus normalis (Torrey & Gray) Small

melanocarpa (A. Nelson) Rydberg = *Prunus virginiana* Linnaeus var. *melanocarpa* (A. Nelson) Sargent

normalis (Torrey & Gray) Small = *Prunus gracilis* Engelmann & Gray

**persica* (Linnaeus) Batsch [Hartman et al. 2006]

peach

serotina Ehrhart var. *rufula* (Wooton & Standley) McVaugh [M&H; W&S]

black cherry

Padus rufula Wooton & Standley

Prunus virens Wooton & Standley var. *rufula* (Wooton & Standley) Sargent

serotina Ehrhart var. *virens* (Wooton & Standley) McVaugh [M&H]

black cherry

Padus virens Wooton & Standley

virens Wooton & Standley var. *rufula* (Wooton & Standley) Sargent = *Prunus serotina* Ehrhart var. *rufula* (Wooton & Standley) McVaugh

virginiana Linnaeus var. *demissa* (Nuttall) Torrey [Sargent 1920]

choke cherry

Padus valida Wooton & Standley

Prunus virginiana Linnaeus var. *demissa* (Nuttall) Torrey forma *pachyrrhachis* Sargent

virginiana Linnaeus var. *demissa* (Nuttall) Torrey forma *pachyrrhachis* Sargent = *Prunus virginiana* Linnaeus var. *demissa* (Nuttall) Torrey

virginiana Linnaeus var. *melanocarpa* (A. Nelson) Sargent [M&H; W&S]

choke cherry

Padus calophylla Wooton & Standley

Padus melanocarpa (A. Nelson) Shafer

Padus mescaleria Wooton & Standley

Padus punicea Wooton & Standley

Prunus melanocarpa (A. Nelson) Rydberg

watsonii Sargent = *Prunus angustifolia* Marshall var. *watsonii* (Sargent) Waugh

Purshia bitterbrush

Henrickson, J. 1986. Notes on Rosaceae. *Phytologia* 60:468.

Koehler, D.L. & D.M. Smith. 1981. Hybridization between *Cowania mexicana* var. *stansburiana* and *Purshia glandulosa* (Rosaceae). *Madroño* 28:13-25.

Stutz, H.C. & L.K. Thomas. 1964. Hybridization and introgression in *Cowania* and *Purshia*. *Evolution* 18:183-195.

mexicana (D. Don) Welsh var. *stansburiana* (Torrey) Welsh = *Purshia stansburiana* (Torrey) Henrickson

stansburiana (Torrey) Henrickson [M&H; W&S]

cliffrose

Cowania mexicana D. Don var. *stansburiana* (Torrey) Jepson

Cowania stansburiana Torrey

Purshia mexicana (D. Don) Welsh var. *stansburiana* (Torrey) Welsh

tridentata (Pursh) A.P. de Candolle [M&H; W&S]

bitterbrush

Pyracantha firethorn

Sivinski, R. 1999. Plant distribution records. *The New Mexico Botanist* 12:8. [*Pyracantha coccinea*]

****coccinea*** Roemer [Sivinski 1999]

scarlet firethorn

Pyrus pear

Allred, K.W. 1999. New plant distribution records. *The New Mexico Botanist* 13:7. [*Pyrus communis*]

****communis*** Linnaeus [Allred 1999]

pear

Pyrus malus Linnaeus = *Malus sylvestris* P. Miller

Rosa rose

Lewis, W.H. 1965. Monograph of *Rosa* in North America. V. Subgenus *Hesperhodos*. *Ann. Missouri Bot. Gard.* 52:99-113.

McVaugh, R. 1942. Rosaceae of Nevada. *Contr. Flora Nevada* No. 22, Div. Pl. Explor. & Introduct., Bur. Pl. Industry, U.S.D.A.

acicularis Lindley var. ***sayana*** Erlanson [M&H; W&S]

prickly rose

Rosa acicularis Lindley var. *bourgeauiana* (Crepin) Crepin

Rosa acicularis Lindley subsp. *sayi* (Schweinitz) W.H. Lewis

Rosa bourgeauiana Crepin

Rosa sayi Schweinitz

acicularis Lindley var. *bourgeauiana* (Crepin) Crepin = *Rosa acicularis* Lindley var. *sayana* Erlanson

acicularis Lindley subsp. *sayi* (Schweinitz) W.H. Lewis = *Rosa acicularis* Lindley var. *sayana* Erlanson

adenosepala Wooton & Standley = *Rosa woodsii* Lindley var. *woodsii*

arizonica Rydberg = *Rosa woodsii* Lindley var. *ultramontana* (S. Watson) Jepson

arkansana Porter var. ***arkansana*** [M&H]

prairie rose

arkansana Porter var. ***suffulta*** (Greene) Cockerell [M&H; W&S]

prairie rose

Rosa suffulta Greene

bourgeauiana Crepin = *Rosa acicularis* Lindley var. *sayana* Erlanson

fendleri Crepin = *Rosa woodsii* Lindley var. *woodsii*

granulifera Rydberg : Reported as expected by M&H map; awaits verification.

Rosa woodsii Lindley var. *granulifera* (Rydberg) ined. Note: This combination not validly published by M&H [ICBN, Article 33]

helleri Greene : Reported doubtfully by W&S, not treated by M&H; needs verification.

hypoleuca Wooton & Standley = *Rosa woodsii* Lindley var. *woodsii*

macounii Greene = *Rosa woodsii* Lindley var. *ultramontana* (S. Watson) Jepson

manca Greene = *Rosa woodsii* Lindley var. *woodsii*

maximilliana Rydberg = *Rosa woodsii* Lindley var. *ultramontana* (S. Wats) Jepson

melina Greene = *Rosa nutkana* Presl

mirifica Greene = *Rosa stellata* Wooton var. *mirifica* (Greene) Cockerell

****multiflora*** Thunberg ex Murray [Heil et al. 2002]

rambler rose

neomexicana Cockerell = *Rosa woodsii* Lindley var. *woodsii*

nutkana Presl var. ***hispidata*** Fernald [M&H; W&S]

Nootka rose

Rosa melina Greene

pecosensis Cockerell = *Rosa woodsii* Lindley var. *ultramontana* (S. Watson) Jepson

praetincta Cockerell = *Rosa woodsii* Lindley var. *ultramontana* (S. Watson) Jepson

sayi Schweinitz = *Rosa acicularis* Lindley var. *sayana* Erlanson

standleyi Rydberg = *Rosa woodsii* Lindley var. *woodsii*

stellata Wooton var. ***erlansoniae*** W. H. Lewis [M&H]

desert rose

stellata Wooton var. ***mirifica*** (Greene) W.H. Lewis [M&H; W&S]

desert rose

Rosa mirifica Greene

stellata Wooton var. ***stellata*** [M&H; W&S]

desert rose

suffulta Greene = *Rosa arkansana* Porter var. *suffulta* (Greene) Cockerell
woodsii Lindley var. *adenosepala* (Wooton & Standley) ined. = *Rosa woodsii* Lindley var. *woodsii* Note: This combination not validly published by M&H [ICBN, Article 33]
woodsii Lindley var. *arizonica* (Rydberg) ined. = *Rosa woodsii* Lindley var. *ultramontana* (S. Watson) Jepson Note: This combination not validly published by M&H [ICBN, Article 33]
woodsii Lindley var. *fendleri* (Crepin) Rydberg = *Rosa woodsii* Lindley var. *woodsii*
woodsii Lindley var. *granulifera* (Rydberg) ined. = *Rosa woodsii* Lindley var. *ultramontana* (S. Watson) Jepson Note: This combination not validly published by M&H [ICBN, Article 33]
woodsii Lindley var. *hypoleuca* (Wooton & Standley) ined. = *Rosa woodsii* Lindley var. *woodsii* Note: This combination not validly published by M&H [ICBN, Article 33]
woodsii Lindley var. *macounii* (Greene) ined. = *Rosa woodsii* Lindley var. *ultramontana* (S. Watson) Jepson Note: This combination not validly published by M&H [ICBN, Article 33]
woodsii Lindley var. *neomexicana* (Cockerell) ined. = *Rosa woodsii* Lindley var. *woodsii* Note: This combination not validly published by M&H [ICBN, Article 33]

woodsii Lindley var. ***ultramontana*** (S. Watson) Jepson [M&H; W&S]

Wood's rose

Rosa arizonica Rydberg

Rosa macounii Greene

Rosa maximilliana Rydberg

Rosa pecosensis Cockerell

Rosa praetincta Cockerell

Rosa woodsii Lindley var. *arizonica* (Rydberg) ined. Note: This combination not validly published by M&H [ICBN, Article 33]

Rosa woodsii Lindley var. *granulifera* (Rydberg) ined. Note: This combination not validly published by M&H [ICBN, Article 33]

Rosa woodsii Lindley var. *macounii* (Greene) ined. Note: This combination not validly published by M&H [ICBN, Article 33]

woodsii Lindley var. ***woodsii*** [M&H; W&S]

Wood's rose

Rosa adenosepala Wooton & Standley

Rosa fendleri Crepin

Rosa hypoleuca Wooton & Standley

Rosa manca Greene

Rosa neomexicana Cockerell

Rosa standleyi Rydberg

Rosa woodsii Lindley var. *adenosepala* (Wooton & Standley) ined. Note: This combination not validly published by M&H [ICBN, Article 33]

Rosa woodsii Lindley var. *fendleri* (Crepin) Rydberg

Rosa woodsii Lindley var. *hypoleuca* (Wooton & Standley) ined. Note: This combination not validly published by M&H [ICBN, Article 33]

Rosa woodsii Lindley var. *neomexicana* (Cockerell) ined. Note: This combination not validly published by M&H [ICBN, Article 33]

Rubacer parviflorus (Nuttall) Rydberg = *Rubus parviflorus* Nuttall

Rubus raspberry, blackberry

aliceae L.H. Bailey = *Rubus idaeus* Linnaeus var. *strigosus* (Michaux) Maximowicz

arizonensis Focke [M&H]

Arizona dewberry

arizonicus (Greene) Rydberg = *Rubus idaeus* Linnaeus var. *strigosus* (Michaux) Maximowicz

berardinus (Greene) Fedde = *Rubus leucodermis* Douglas ex Torrey & Gray

deliciosus Torrey var. ***deliciosus*** [M&H; W&S]

Rocky Mountain raspberry

Bossekia deliciosa (Torrey) A. Nelson

Oreobatus deliciosus (Torrey) Rydberg

deliciosus Torrey var. ***neomexicanus*** (Gray) Kearney [M&H; W&S]

New Mexico raspberry

Oreobatus neomexicanus (Gray) Rydberg

Oreobatus rubicundus Wooton & Standley

Rubus exrubicundus L.H. Bailey

Rubus neomexicanus Gray

Rubus rubicundus (Wooton & Standley) Tidestrom

****discolor*** Weihe & Nees [Spellenberg et al. 1986]

Himalayan blackberry

Rubus procerus of authors, not P.J. Mueller ex Geneviev

exrubicundus L.H. Bailey = *Rubus deliciosus* Torrey var. *neomexicanus* (Gray) Kearney

idaeus Linnaeus var. ***strigosus*** (Michaux) Maximowicz [M&H; W&S]

red raspberry

Rubus aliceae L.H. Bailey

Rubus arizonicus (Greene) Rydberg

Rubus melanolasius Dieck

Rubus strigosus Michaux var. *arizonicus* (Greene) Kearney & Peebles

- Rubus strigosus* Michaux
leucodermis Douglas ex Torrey & Gray [M&H; W&S]
 white-stem raspberry
Rubus bernardinus (Greene) Fedde
Rubus leucodermis Douglas ex Torrey & Gray var. *bernardinus* (Greene) Jepson
leucodermis Douglas ex Torrey & Gray var. *bernardinus* (Greene) Jepson = *Rubus leucodermis* Douglas ex Torrey & Gray
melanolasius Dieck = *Rubus idaeus* Linnaeus var. *strigosus* (Michaux) Maximowicz
neomexicanus Gray = *Rubus deliciosus* Torrey var. *neomexicanus* (Gray) Kearney
occidentalis Linnaeus : Reported as expected by M&H map; awaits verification.
parviflorus Nuttall [M&H; W&S]
 western thimble-berry
Bossekia parviflora (Nuttall) Greene
Rubacer parviflorus (Nuttall) Rydberg
procerus of authors, not P.J. Mueller ex Genevier = *Rubus discolor* Weihe & Nees
rubicundus (Wootton & Standley) Tidestrom = *Rubus deliciosus* Torrey var. *neomexicanus* (Gray) Kearney
strigosus Michaux var. *arizonicus* (Greene) Kearney & Peebles = *Rubus idaeus* Linnaeus var. *strigosus* (Michaux) Maximowicz
strigosus Michaux var. *strigosus* = *Rubus idaeus* Linnaeus var. *strigosus* (Michaux) Maximowicz
Sanguisorba burnet
 annua Nuttall : Reported as expected by M&H map; awaits verification.
 **minor* Scopoli subsp. *muricata* (Spach) Nordborg [M&H]
 salad burnet
Sericotheca dumosa (Nuttall) Rydberg = *Holodiscus dumosus* (Nuttall) Heller
Sibbaldia glow-wort
procumbens Linnaeus [M&H; W&S]
 creeping glow-wort
Potentilla sibbaldii Hall f.
Sieversia ciliata (Pursh) G. Don = *Geum triflorum* Pursh var. *ciliatum* (Pursh) Fawcett
grisea (Greene) Rydberg = *Geum triflorum* Pursh var. *ciliatum* (Pursh) Fawcett
paradoxa D. Don = *Fallugia paradoxa* (D. Don) Endlicher ex Torrey
turbinata (Rydberg) Greene = *Geum turbinatum* Rydberg
Sorbus mountain-ash
 Jones, G.N. 1939. A synopsis of the North American species of *Sorbus*. J. Arnold Arbor. 20:1-43.
dumosa Greene [M&H]
 Arizona mountain-ash
scopulina Greene [M&H; W&S]
 Cascade mountain-ash
Spiraea caespitosa Nuttall = *Petrophytum caespitosum* (Nuttall) Rydberg
caespitosa Nuttall var. *elatus* (Nuttall) Tidestrom = *Petrophytum caespitosum* (Nuttall) Rydberg
dumosa Nuttall = *Holodiscus dumosus* (Nuttall ex Hooker) Heller
monogyna Torrey = *Physocarpus monogynus* (Torrey) Coulter
Vauquelinia rosewood
 Hess, W. & J. Hendrickson. 1987. A taxonomic revision of *Vauquelinia* (Rosaceae). Sida 12:101-163.
californica (Torrey) Sargent subsp. *californica* : Not occurring in NM (Hess & Hendrickson 1987).
californica (Torrey) Sargent subsp. *pauciflora* (Standley) Hess & Hendrickson [Hess & Hendrickson 1987; M&H; W&S]
 Arizona rosewood

Family RUBIACEAE

- Bouvardia** firecracker-bush
glaberrima Engelman = *Bouvardia ternifolia* (Cavanilles) Schlechtendal
ovata Gray = *Bouvardia ternifolia* (Cavanilles) Schlechtendal
ternifolia (Cavanilles) Schlechtendal [M&H; W&S]
 firecracker-bush
Bouvardia glaberrima Engelman
Bouvardia ovata Gray
Cephalanthus occidentalis Linnaeus : Reported as expected by M&H, and listed for NM by Dempster (1995), but no specimens have been located at any herbaria; awaits verification.
Crusea saucer-flower
diversifolia (Kunth) W.A. Anderson [M&H]
 saucer-flower
Crusea subulata (Pavon) Gray
Crusea wrightii Gray
subulata (Pavon) Gray = *Crusea diversifolia* (Kunth) W.A. Anderson
wrightii Gray = *Crusea diversifolia* (Kunth) W.A. Anderson
Diodia poor-Joe
 Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Diodia teres* var. *angustata*]
 Todsén, T.K. 1996. New plant distribution records. The New Mexico Botanist 2:6. [*Diodia teres* var. *setifera*]
teres Walter var. *angustata* Gray [Allred 1999; M&H]

poor-Joe
teres Walter var. *setifera* Fernald = *Diodia teres* Walter var. *teres*
teres Walter var. *teres* [M&H]
 poor-Joe
Diodia teres Walter var. *setifera* Fernald

Galium bedstraw
 Cronquist, A. 1984. *Galium*, pp. 528-536. IN: Intermountain Flora, vol. 4. New York Botanical Garden.
 Dempster, L.T. 1973. The polygamous species of the genus *Galium* (Rubiaceae), section *Lophogalium*, of Mexico and southwestern United States. Univ. Calif. Pub. Bot. 64:1-36.
 Dempster, L.T. 1976. *Galium mexicanum* (Rubiaceae) of Central America and western North America. Madroño 23:378-386.
 Ehrendorfer, F. 1956. Survey of the *Galium multiflorum* complex in western North America. Contr. Dudley Herb. 5:1-21.
 Puff, C. 1976. The *Galium trifidum* group (Galium sect. Aparinoides, Rubiaceae). Can. J. Bot. 54:1911-1925.
 Sivinski, R., T. Lowrey, & R. Peterson. 1994. Additions to the native and adventive flora of New Mexico. Phytologia 76(6):473-479. [*Galium bifolium*]
 Spellenberg, R., M. Mahrt & R. Brozka. 1991. Noteworthy collections, New Mexico. Madroño 38:298-301. [*Galium wrightii*]
 Wagner, W.L. 1983. Noteworthy collections (New Mexico). Madroño 30:126. [*Galium emeryense*]
acutissimum Gray = *Galium stellatum* Kellogg
 ****aparine*** Linnaeus [M&H; W&S]
 sticky-willy
Galium aparine Linnaeus var. *echinospermum* (Wallroth) Farwell
Galium aparine Linnaeus var. *vaillantii* (A.P. de Candolle) Koch
aparine Linnaeus var. *echinospermum* (Wallroth) Farwell = *Galium aparine* Linnaeus
aparine Linnaeus var. *vaillantii* (A.P. de Candolle) Koch = *Galium aparine* Linnaeus
aspermum Gray = *Galium mexicanum* Humboldt, Bonpland, & Kunth var. *aspermum* (Gray) Higgins & Welsh
bifolium S. Watson [M&H; Sivinski et al. 1994]
 twin-leaf bedstraw
boreale Linnaeus [M&H; W&S]
 northern bedstraw
Galium septentrionale Roemer & Schultes
brandegeei Gray = *Galium trifidum* Linnaeus subsp. *subbiflorum* (Wiegand) Puff
coloradoense W.F. Wight = *Galium multiflorum* Kellogg var. *coloradoense* (Wight) Cronquist
emeryense Dempster & Ehrendorfer [Wagner 1983]
 Emery County bedstraw
fendleri Gray [Dempster 1973; M&H; W&S]
 Fendler's bedstraw
flaviflorum Heller = *Galium triflorum* Michaux
frankliniense Correll = *Galium wrightii* Gray
mexicanum Humboldt, Bonpland, & Kunth var. ***aspermum*** (Gray) Higgins & Welsh [Dempster 1976; M&H; W&S]
 Mexican bedstraw
Galium aspermum Gray
Galium mexicanum Humboldt, Bonpland, & Kunth subsp. *aspermum* (Gray) Dempster
mexicanum Humboldt, Bonpland, & Kunth subsp. *aspermum* (Gray) Dempster = *Galium mexicanum* Humboldt, Bonpland, & Kunth var. *aspermum* (Gray) Higgins & Welsh
mexicanum Humboldt, Bonpland, & Kunth var. ***mexicanum*** [L. Dempster, in Kartesz 1999]
 Mexican bedstraw
microphyllum Gray [M&H; W&S]
 bract-leaf bedstraw
Relbunium microphyllum Hemsley
multiflorum Kellogg var. ***coloradoense*** (Wight) Cronquist [Ehrendorfer 1956; M&H]
 Colorado bedstraw
Galium coloradoense Wight
pilosum Aiton [M&H]
 hairy bedstraw
proliferum Gray [M&H; W&S]
 limestone bedstraw
Galium virgatum Nuttall var. *diffusum* Gray
rothrockii Gray = *Galium wrightii* Gray
septentrionale Roemer & Schultes = *Galium boreale* Linnaeus
stellatum Kellogg : Reported by W&S (as *Galium acutissimum*), but this species is a Mojave and Sonoran Desert element and has not since been recorded for NM.
Galium acutissimum Gray
tinctorium Linnaeus var. *subbiflorum* (Wiegand) Fernald = *Galium trifidum* Linnaeus subsp. *subbiflorum* (Wiegand) Puff
trifidum Linnaeus var. ***subbiflorum*** Wiegand [M&H; Puff 1976; W&S]
 three-petal bedstraw
Galium brandegeei Gray
Galium tinctorium Linnaeus var. *subbiflorum* (Wiegand) Fernald
Galium trifidum Linnaeus subsp. *subbiflorum* (Wiegand) Puff
triflorum Michaux [M&H; W&S]

fragrant bedstraw

Galium flaviflorum Heller

virgatum Nuttall var. *diffusum* Gray = *Galium proliferum* Gray

wrightii Gray [Dempster 1973; M&H; Spellenberg et al. 1991; W&S]

Wright's bedstraw

Galium frankliniense Correll

Galium rothrockii Gray

Hedyotis star-violet

Terrell, E.E. 1979. New Species and combinations in *Houstonia* (Rubiaceae). *Brittonia* 31:164-169.

Terrell, E.E. 1996. Revision of *Houstonia* (Rubiaceae-Hedyotideae). *Syst. Bot. Monogr.* 48.

Terrell, E.E. 1996. Taxonomic notes on Texan and Mexican species of *Hedyotis* and *Houstonia* (Rubiaceae). *Phytologia* 81(2):108-114.

Terrell, E.E. 2001. Taxonomy of *Stenaria* (Rubiaceae: Hedyotideae), a new genus including *Hedyotis nigricans*. *Sida* 19(3):591-614.

Turner, B.L. 1995. Taxonomic overview of *Hedyotis nigricans* (Rubiaceae) and closely allied taxa. *Phytologia* 79(1):12-21.

acerosa Gray var. *bigelovii* (Greenman) W.H. Lewis = *Houstonia acerosa* (Gray) Gray ex Bentham & Hooker var. *polypremoides* (Gray) Terrell

angulata Fosberg ex Shinnery [M&H]

angled star-violet

Houstonia rupicola Greenman [Terrell 1996]

greenei (Gray) W.H. Lewis [M&H; W&S]

Greene's star-violet

Oldenlandia greenei Gray

humifusa Gray = *Houstonia humifusa* Gray [Terrell 1996]

intricata Fosberg

tangled star-violet

Houstonia fasciculata Gray [Terrell 1996]

nigricans (Lamarck) Fosberg var. **nigricans**

diamond-flowers

Houstonia angustifolia Michaux

Houstonia angustifolia Michaux var. *rigidiuscula* Gray

Houstonia nigricans (Lamarck) Fernald

Houstonia rigidiuscula (Gray) Wooton & Standley

Stenaria nigricans (Lamarck) Terrell

nigricans (Lamarck) Fosberg var. **papillacea** B.L. Turner [Turner 1995]

diamond-flowers

pygmaea Roemer & Schultes = *Houstonia wrightii* Gray

rubra (Cavanilles) Gray = *Houstonia rubra* Cavanilles

Houstonia bluets

Terrell, E.E. 1996. Revision of *Houstonia* (Rubiaceae-Hedyotideae). *Syst. Bot. Monogr.* 48.

Terrell, E.E. 1996. Taxonomic notes on Texan and Mexican species of *Hedyotis* and *Houstonia* (Rubiaceae). *Phytologia* 81(2):108-114.

Terrell, E.E. 2001. Taxonomic review of *Houstonia acerosa* and *H. palmeri*, with notes on *Hedyotis* and *Oldenlandia* (Rubiaceae). *Sida* 19(4):913-922.

acerosa (Gray) Gray ex Bentham & Hooker var. **polypremoides** (Gray) Terrell [M&H; Terrell 2001]

needle-leaf bluets

Hedyotis acerosa Gray var. *bigelovii* (Greenman) W.H. Lewis

Houstonia acerosa (Gray) Gray ex Bentham & Hooker subsp. *polypremoides* (Gray) Terrell

Houstonia polypremoides Gray

Houstonia polypremoides Gray var. *bigelovii* Greenman

acerosa Gray subsp. *polypremoides* (Gray) Terrell = *Houstonia acerosa* Gray

angustifolia Michaux = *Hedeoma nigricans* (Lamarck) Fosberg var. *nigricans*

angustifolia Michaux var. *rigidiuscula* Gray = *Hedeoma nigricans* (Lamarck) Fosberg var. *nigricans*

fasciculata Gray = *Hedyotis intricata* Fosberg

humifusa (Gray) Gray [M&H; Terrell 1996]

matted bluets

Hedyotis humifusa Gray

nigricans (Lamarck) Fernald = *Hedeoma nigricans* (Lamarck) Fosberg var. *nigricans*

polypremoides Gray = *Houstonia acerosa* (Gray) Gray ex Bentham & Hooker var. *polypremoides* (Gray) Terrell

polypremoides Gray var. *bigelovii* Greenman = *Houstonia acerosa* (Gray) Gray ex Bentham & Hooker var. *polypremoides* (Gray) Terrell

rigidiuscula (Gray) Wooton & Standley = *Hedyotis nigricans* (Lamarck) Fosberg var. *nigricans*

rubra Cavanilles [M&H; Terrell 1996]

red bluets

Hedyotis rubra (Cavanilles) Gray

Oldenlandia rubra Gray

rupicola Greenman = *Hedyotis angulata* Fosberg ex Shinnery

wrightii Gray [M&H; Terrell 1996]

Wright's bluets

Hedyotis pygmaea Roemer & Schultes

Kelloggia kelloggia

Sivinski, R., T. Lowrey, & R. Peterson. 1994. Additions to the native and adventive flora of New Mexico. *Phytologia* 76(6):473-479. [*Kelloggia galioides*]

galioides Torrey [Sivinski et al. 1994]

milky kelloggia

Oldenlandia greenii Gray = *Hedyotis greenii* (Gray) W.H. Lewis

rubra Gray = *Houstonia rubra* Cavanilles

Relbunium microphyllum Hemsley = *Galium microphyllum* Gray

Stenaria nigricans (Lamarck) Terrell = *Hedyotis nigricans* (Lamarck) Fosberg var. *nigricans*

Family RUTACEAE

Astrophyllum dumosum Torrey = *Choisya dumosa* (Torrey) Gray

Choisya Mexican-orange

dumosa (Torrey) Gray [M&H; W&S]

Mexican-orange

Astrophyllum dumosum Torrey

Ptelea hoptree

Bailey, V.L. 1962. Revision of the genus *Ptelea* (Rutaceae). *Brittonia* 14:1-45.

Brizicky, G.K. 1962. The genera of Rutaceae in the southeastern United States. *J. Arnold Arbor.* 43:1-22.

angustifolia Benth = *Ptelea trifoliata* Linnaeus subsp. *angustifolia* (Benth) V.L. Bailey var. *angustifolia* (Benth) M.E. Jones

angustifolia Benth var. *cognata* (Greene) Kearney & Peebles = *Ptelea trifoliata* Linnaeus subsp. *angustifolia* (Benth) V.L. Bailey var.

cognata (Greene) Kearney & Peebles

cognata Greene = *Ptelea trifoliata* Linnaeus subsp. *angustifolia* (Benth) V.L. Bailey var. *cognata* (Greene) Kearney & Peebles

confinis Greene = *Ptelea trifoliata* Linnaeus subsp. *pallida* (Greene) V.L. Bailey var. *confinis* (Greene) V.L. Bailey

formosa Greene = *Ptelea trifoliata* Linnaeus subsp. *polydenia* (Greene) V.L. Bailey

jucunda Greene = *Ptelea trifoliata* Linnaeus subsp. *angustifolia* (Benth) V.L. Bailey var. *angustifolia* (Benth) M.E. Jones

neomexicana Greene = *Ptelea trifoliata* Linnaeus subsp. *angustifolia* (Benth) V.L. Bailey var. *angustifolia* (Benth) M.E. Jones

pallida Greene = *Ptelea trifoliata* Linnaeus subsp. *pallida* (Greene) V.L. Bailey var. *pallida* (Greene) V.L. Bailey

parvula Greene = *Ptelea trifoliata* Linnaeus subsp. *polydenia* (Greene) V.L. Bailey

subvestita Greene = *Ptelea trifoliata* Linnaeus subsp. *polydenia* (Greene) V.L. Bailey

tomentosa Rafinesque = *Ptelea trifoliata* subsp. *trifoliolata* var. *mollis* Torrey & Gray

trifoliata Linnaeus var. *angustifolia* (Benth) M.E. Jones = *Ptelea trifoliata* Linnaeus subsp. *angustifolia* (Benth) V.L. Bailey var.

angustifolia (Benth) M.E. Jones

trifoliata Linnaeus subsp. *angustifolia* (Benth) V.L. Bailey var. *angustifolia* (Benth) M.E. Jones [M&H; W&S]

hoptree

Ptelea angustifolia Benth

Ptelea jucunda Greene

Ptelea neomexicana Greene

Ptelea trifoliata Linnaeus var. *angustifolia* (Benth) M.E. Jones

trifoliata Linnaeus subsp. *angustifolia* (Benth) V.L. Bailey var. *cognata* (Greene) Kearney & Peebles [M&H]

hoptree

Ptelea angustifolia Benth var. *cognata* (Greene) Kearney & Peebles

Ptelea cognata Greene

trifoliata Linnaeus subsp. *pallida* (Greene) V.L. Bailey var. *confinis* (Greene) V.L. Bailey [M&H]

hoptree

Ptelea confinis Greene

trifoliata Linnaeus subsp. *pallida* (Greene) V.L. Bailey var. *pallida* (Greene) V.L. Bailey [M&H]

hoptree

Ptelea pallida Greene

trifoliata Linnaeus subsp. *polydenia* (Greene) V.L. Bailey [M&H]

hoptree

Ptelea formosa Greene

Ptelea parvula Greene

Ptelea polydenia Greene

Ptelea subvestita Greene

trifoliata Linnaeus subsp. *trifoliolata* var. *mollis* Torrey & Gray [M&H; W&S]

hoptree

Ptelea tomentosa Rafinesque

Rutosma purpurea Wootton & Standley = *Thamnosma texana* (Gray) Torrey

texana Gray = *Thamnosma texana* (Gray) Torrey

Thamnosma rue

texana (Gray) Torrey [M&H; W&S]

Texas rue

Rutosma purpurea Wootton & Standley

Rutosma texana Gray

Family SALICACEAE

Populus cottonwood

Eckenwalder, J.E. 1977. North American *Populus* sect. *Abaso* and *Aigeiros*. *J. Arnold Arbor.* 58:193-208.

Eckenwalder, J.E. 1984. Natural intersectional hybridization between North American species of *Populus* (Salicaceae) in sections *Aigeiros* and *Tacamahaca*. II.

Taxonomy. *Canad. J. Bot.* 63:325-335.

Floate, K.D. & T.G. Whitham. 1995. Insects as traits in plant systematics: their use in discriminating between hybrid cottonwoods. *Can. J. Bot.* 73:1-13.

Great Plains Flora Association. 1977. Atlas of the Flora of the Great Plains. Iowa State Univ. Press. 600 pp. [*Populus deltoides* subsp. *deltoides*]
 × **acuminata** Rydberg [W&S] Note: these plants represent hybrids between *Populus angustifolia* × *P. deltoides*
 lance-leaf cottonwood
 ***alba** Linnaeus
 white poplar
angustifolia James [W&S]
 narrow-leaf cottonwood
aurea Tidestrom = *Populus tremuloides* Michaux var. *aurea* (Tidestrom) Daniels
deltoides Bartram ex H. Marshall subsp. **deltoides** [Great Plains Flora Association 1977]
 eastern cottonwood
deltoides Bartram ex H. Marshall subsp. **monilifera** (Aiton) Eckenwalder [Eckenwalder 1977]
 eastern cottonwood
Populus deltoides Marshall var. *occidentalis* Rydberg
Populus sargentii Dode
deltoides Marshall var. *occidentalis* Rydberg = *Populus deltoides* Bartram ex H. Marshall subsp. *monilifera* (Aiton) Eckenwalder
deltoides Bartram ex H. Marshall subsp. **wislizeni** (S. Watson) Eckenwalder [Eckenwalder 1977; W&S]
 Rio Grande cottonwood
Populus fremontii S. Watson var. *wislizeni* S. Watson
Populus wislizeni (S. Watson) Sargent
fremontii S. Watson subsp. **fremontii**
 Fremont's cottonwood
Populus fremontii S. Watson var. *thornberi* Sargent
fremontii S. Watson var. *thornberi* Sargent = *Populus fremontii* S. Watson subsp. *fremontii*
fremontii S. Watson var. *wislizeni* S. Watson = *Populus deltoides* H. Marshall subsp. *wislizeni* (S. Watson) Eckenwalder
 × **hinckleyana** Correll [Eckenwalder 1984] Note: these plants represent hybrids between *Populus angustifolia* × *P. fremontii*
 Hinckley's cottonwood
 **nigra* Linnaeus : Reported without documentation by Kartesz (1999); awaits verification.
sargentii Dode = *Populus deltoides* H. Marshall subsp. *monilifera* (Aiton) Eckenwalder
tremuloides Michaux [M&H; W&S]
 quaking aspen
Populus aurea Tidestrom
Populus tremuloides Michaux var. *aurea* (Tidestrom) Daniels
tremuloides Michaux var. *aura* (Tidestrom) Daniels = *Populus tremuloides* Michaux
wislizeni (S. Watson) Sargent = *Populus deltoides* H. Marshall subsp. *wislizeni* (S. Watson) Eckenwalder

Salix willow

Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Salix boothii*]
 Argus, G.W. 1986. Studies of the *Salix lucida* and *Salix reticulata* complexes in North America. Can. J. Bot. 64:541-551.
 Argus, G.W. 1986. The genus *Salix* (Salicaceae) in the southeastern United States. Syst. Bot. Monogr. 9:1-170.
 Argus, G.W. 1995. Salicaceae. J. Ariz.-Nev. Acad. Sci. 29(1):39-62.
 Argus, G.W. & S.G. Aiken. 1987. Noteworthy collections (New Mexico). Madroño 34:268-269. [*Salix geeyeriana*]
 Dorn, R.D. 1975. A systematic study of *Salix* section *Cordatae* in North America. Can. J. Bot. 53:1491-1522. [Salicaceae]
 Dorn, R.D. 1977. Willows of the Rocky Mountain states. Rhodora 79:390-429. [Salicaceae]
 Dorn, R.D. 1994. North American *Salix* (Salicaceae): Typifications and notes. Phytologia 77:89-95.
 Dorn, R.D. 1995. A taxonomic study of *Salix* section *Cordatae* subsection *Luteae* (Salicaceae). Brittonia 47:160-174.
 Dorn, R.D. 1996. New plant distribution records (*Salix arizonica*). The New Mexico Botanist 2:5.
 Dorn, R.D. 1998. A taxonomic study of *Salix* section *Longifoliae* (Salicaceae). Brittonia 50(2):193-210.
 Dorn, R.D. 2000. A taxonomic study of *Salix* sections *Mexicanae* and *Viminella* subsection *Sitchenses* (Salicaceae) in North America. Brittonia 52(1):1-19.
 Dorn, R.D. 2002. New plant distribution records. The New Mexico Botanists 22:7. [*Salix bonplandiana laevigata*, *S. fragilis*]
 Dorn, R.D. 2002. Plant distribution reports. The New Mexico Botanist 24:7. [*S. wolfii*]
 Nesom, G.L. 2002. New combination in *Salix* (Salicaceae). Sida 20(2):523-524.

amygdaloides Andersson [M&H; W&S]

peach-leaf willow

Salix amygdaloides Andersson var. *wrightii* (Andersson) Schneider

Salix wrightii Andersson

amygdaloides Andersson var. *wrightii* (Andersson) Schneider = *Salix amygdaloides* Andersson

anglorum Chamisso var. *antiplasta* Schneider = *Salix arctica* Pallas var. *petraea* (Andersson) Bebb

arctica Pallas var. **petraea** (Andersson) Bebb [Dorn 1994; M&H; W&S]

arctic willow

Salix anglorum Chamisso var. *antiplasta* Schneider

Salix petrophila Rydberg

argophylla Nuttall = *Salix exigua* Nuttall subsp. *exigua*

arizonica Dorn [Dorn 1996]

Arizona willow

arguta Andersson = *Salix lucida* Muhlenberg subsp. *caudata* (Nuttall) Argus

***babylonica** Linnaeus Note: Not definitely reported from the wild in NM, but commonly cultivated and persisting around old dwellings, and so included here.

weeping willow

Salix × *pendulina* Wenderoth

Salix × *sepulcralis* Simonkai

bebbiana Sargent [M&H; W&S]
gray willow, Bebb willow
Salix bebbiana Sargent var. *perrostrata* (Rydberg) Schneider
Salix perrostrata Rydberg
Salix rostrata Richards, not Thuiller
bebbiana Sargent var. *perrostrata* (Rydberg) Schneider = *Salix bebbiana* Sargent
bonplandiana Kunth var. *bonplandiana* : Included for NM by Dorn (1994), M&H, and W&S, based on Mearns 2189, collected along the border in the San Luis Mountains and thought to have been in NM, but known to have been 5-10 south of NM.

bonplandiana Kunth var. **bonplandiana** [Dorn 1994; M&H; W&S]
red willow

bonplandiana Kunth var. **laevigata** (Bebb) Dorn [Dorn 2002]
polished willow
Salix laevigata Bebb

boothii Dorn [Allred 1999]
Booth's willow
Salix myrtillofolia auct., non Andersson
Salix pseudocordata auct., non Andersson

brachycarpa Nuttall var. **brachycarpa** [Dorn 1996]
short-fruit willow
caudata (Nuttall) Heller var. *bryantiana* Ball & Bracelin = *Salix lucida* Muhlenberg subsp. *caudata* (Nuttall) Argus
caudata (Nuttall) Heller var. *caudata* = *Salix lucida* Muhlenberg subsp. *caudata* (Nuttall) Argus
chlorophylla Andersson = *Salix planifolia* Pursh
cordata Muhlenberg var. *watsonii* Bebb [= *Salix eriocephala* Michaux var. *watsonii* (Bebb) Dorn] : Reported by W&S, but not known in NM (Dorn 1995).

drummondiana Barratt ex Hooker [Dorn 1977; M&H; W&S]
Drummond willow
Salix subcoerulea Piper

eriocephala Michaux var. **ligulifolia** (C.R. Ball) Dorn [Dorn 1995; M&H]
Missouri willow
Salix ligulifolia (Ball) Ball ex Schneider
Salix lutea Nuttall var. *ligulifolia* Ball

exigua Nuttall subsp. **exigua** [Dorn 1998; M&H; W&S]
coyote willow
Salix argophylla Nuttall
Salix exigua Nuttall var. *stenophylla* (Rydberg) Schneider
Salix stenophylla Rydberg

exigua Nuttall subsp. **interior** (Rowlee) Cronquist [M&H; W&S]
sandbar willow
Salix exigua Nuttall var. *sericans* (Nees) Nesom
Salix fluviatilis sensu W&S
Salix interior Rowlee
Salix longifolia Muhlenberg
exigua Nuttall var. *sericans* (Nees) Nesom = *Salix exigua* Nuttall subsp. *interior* (Rowlee) Cronquist
exigua Nuttall var. *stenophylla* (Rydberg) Schneider = *Salix exigua* Nuttall subsp. *exigua*

exilifolia Dorn [Dorn 1998; M&H; Sivinski 1996; W&S]
New Mexico willow
Salix taxifolia of NM works
fendleriana Andersson = *Salix lucida* Muhlenberg subsp. *caudata* (Nuttall) Argus
fluviatilis sensu W&S = *Salix exigua* Nuttall subsp. *interior* (Rowlee) Cronquist
***fragilis** Linnaeus [Dorn 2002]
crack willow

geyeriana Andersson [Argus & Aiken 1987]
Geyer willow
glauca Linnaeus var. *glabrescens* (Andersson) Schneider : This name belongs to plants of Alaska and Yukon Territory, and is not represented in NM (Argus 1965).

glauca Linnaeus var. **villosa** (D. Don ex Hooker) Andersson [M&H; W&S]
pale willow
Salix glaucops Andersson
Salix pseudolapponum von Seemann
glaucops Andersson = *Salix glauca* Linnaeus var. *villosa* Andersson

goodingii Ball [M&H]
Goodding's willow
Salix nigra Marshall var. *vallicola* Dudley
interior Rowlee s.s. = *Salix exigua* Nuttall subsp. *interior* (Rowlee) Cronquist
interior Rowlee var. *angustissima* (Andersson) Dayton [= *Salix thurberi* Rowlee] : Not yet known from NM.

irrorata Andersson [M&H; W&S]

blue-stem willow
laevigata Bebb = *Salix bonplandiana* Kunth var. *laevigata* (Bebb) Dorn
lasiandra Benth = *Salix lucida* Muhlenberg subsp. *lasiandra* (Benth) Argus
lasiandra Benth var. *caudata* (Nuttall) Sudworth = *Salix lucida* Muhlenberg subsp. *caudata* (Nuttall) Murray
lasiolepis Benth [M&H]
 arroyo willow
ligulifolia (Ball) Ball ex Schneider = *Salix eriocephala* Michaux
longifolia Muhlenberg = *Salix exigua* Nuttall subsp. *interior* (Rowlee) Cronquist
lucida Muhlenberg subsp. ***caudata*** (Nuttall) Murray [Argus 1986; M&H; W&S]
 shining willow
Salix arguta Andersson
Salix caudata (Nuttall) Heller var. *bryantiana* Ball & Bracelin
Salix caudata (Nuttall) Heller var. *caudata*
Salix fendleriana Andersson
Salix lasiandra Benth var. *caudata* (Nuttall) Sudworth
lucida Muhlenberg subsp. ***lasiandra*** (Benth) Murray [Argus 1986; M&H; W&S]
 shining willow
Salix lasiandra Benth
lutea Nuttall var. *ligulifolia* Ball = *Salix eriocephala*
lutea Nuttall var. *lutea* [=*Salix eriocephala* Michaux var. *watsonii* (Bebb) Dorn] : Reported by M&H; not known in NM (Dorn 1995).
monticola Bebb [Dorn 1995; M&H; W&S]
 park willow
Salix monticola Bebb. var. *neomexicana* E.H. Kelso
Salix padophylla Rydberg
Salix pseudomonticola Ball var. *padophylla* (Rydberg) Ball
monticola Bebb. var. *neomexicana* E.H. Kelso = *Salix monticola* Bebb
myrtilifolia auct., non Andersson = *Salix boothii* Dorn
nigra Marshall [Great Plains Flora Association 1977] Note: These are perhaps just relict plants from old settlements, and should then be considered as exotic.
nigra Marshall var. *vallicola* Dudley = *Salix gooddingii* Ball
nivalis Hooker var. *nivalis* = *Salix reticulata* Linnaeus subsp. *nivalis* (Hooker) Löve, Löve, & Kapoor
nivalis Hooker var. *saximontana* (Rydberg) Schneid = *Salix reticulata* Linnaeus subsp. *nivalis* (Hooker) Löve, Löve, & Kapoor
×*pendulina* Wenderoth = *Salix babylonica* Linnaeus
perrostrata Rydberg = *Salix bebbiana* Sargent
petrophila Rydberg = *Salix arctica* Pallas var. *petraea* (Andersson) Bebb
phylicifolia Linnaeus : This is an Eurasian species not occurring in NM; NM populations are referred to *Salix planifolia* (Dorn pers. comm. 1995; Kartesz 1994).
phylicifolia Linnaeus var. *monica* (Bebb) Jepson = *Salix planifolia* Pursh
planifolia Pursh [M&H; W&S]
 tea-leaf willow
Salix chlorophylla Andersson
Salix phylicifolia Linnaeus var. *monica* (Bebb) Jepson
Salix planifolia Pursh var. *monica* (Bebb) Schneider
planifolia Pursh var. *monica* (Bebb) Schneider = *Salix planifolia* Pursh subsp. *planifolia*
podophylla Rydberg = *Salix monticola* Bebb
pseudocordata auct., non Andersson = *Salix boothii* Dorn
pseudolapponum von Seem = *Salix glauca* Linnaeus var. *villosa* Andersson
pseudomonticola Ball var. *padophylla* (Rydberg) Ball = *Salix monticola* Bebb
reticulata Linnaeus subsp. ***nivalis*** (Hooker) Löve, Löve, & Kapoor [Argus 1986; M&H; W&S]
 net-vein willow
Salix nivalis Hooker var. *nivalis*
Salix nivalis Hooker var. *saximontana* (Rydberg) Schneid
Salix saximontana Rydberg
rostrata Richards, not Thuiller = *Salix bebbiana* Sargent
saximontana Rydberg = *Salix reticulata* Linnaeus subsp. *nivalis* (Hooker) Löve, Löve, & Kapoor
scouleriana Barratt ex Hooker [Dorn 1977; M&H; W&S]
 Scouler willow
×*sepulchralis* Simonkai = *Salix babylonica* Linnaeus
stenophylla Rydberg = *Salix exigua* Nuttall subsp. *exigua*
subcoerulea Piper = *Salix drummondiana* Barratt ex Hooker
taxifolia sensu M&H and W&S = *Salix exilifolia* Dorn
wrightii Andersson = *Salix amygdaloides* Andersson
wolfii Bebb var. ***wolfii*** [Dorn 2002]
 Idaho willow

Family SANTALACEAE

Comandra bastard-toadflax

Laferriere, J.E. 1994. Santalaceae. J. Ariz.-Nev. Acad. Sci. 27(2):240.
 Piehl, M.A. 1965. The natural history and taxonomy of Comandra (Santalaceae). Mem. Torrey Bot. Club 22(1):1-97.
pallida A. A.P. de Candolle = *Comandra umbellata* (Linnaeus) Nuttall subsp. *pallida* (A. A.P. de Candolle) Piehl
umbellata (Linnaeus) Nuttall subsp. *pallida* (A. A.P. de Candolle) Piehl [M&H; Piehl 1965; W&S]
 bastard-toadflax
Comandra pallida A. A.P. de Candolle

Family SAPINDACEAE

Sapindus soapberry
drummondii Hooker & Arnott [M&H; W&S]
 soapberry
Sapindus saponaria Linnaeus var. *drummondii* (Hooker & Arnott) L. Benson
saponaria Linnaeus var. *drummondii* (Hooker & Arnott) L. Benson = *Sapindus drummondii* Hooker & Arnott
Ungnadia Mexican-buckeye
speciosa Endlicher [M&H; W&S]
 Mexican-buckeye

Family SAPOTACEAE

Pennington, T.D. 1990. Sapotaceae. Flora Neotrop. Monogr. 52:95-172.
 Pennington, T.D. 1991. The genera of Sapotaceae. Royal Botanic Gardens, Kew, England.
Bumelia lanuginosa (Michaux) Persoon var. *rigida* Gray = *Sideroxylon lanuginosum* Michaux subsp. *rigidum* (Gray) Pennington
rigida (Gray) Small = *Sideroxylon lanuginosum* Michaux subsp. *rigidum* (Gray) Pennington
Sideroxylon bumelia
 Clark, R.B. 1942. A revision of the genus *Bumelia* in the United States. Ann. Missouri Bot. Gard. 29:155-182.
lanuginosum Michaux subsp. *rigidum* (Gray) Pennington [M&H; Pennington 1990; W&S]
 gumbully
Bumelia lanuginosa (Michaux) Persoon var. *rigida* Gray
Bumelia rigida (Gray) Small

Family SAURURACEAE

Buddell, G.F., II, & J.W. Thieret. 1997. Saururaceae, pp. 37-38. IN: Flora of North America, vol. 3. Oxford University Press.
Anemopsis yerba-mansa
californica (Nuttall) Hooker & Arnott [Buddell & Thieret 1997; M&H; W&S]
 yerba-mansa

Family SAXIFRAGACEAE

Elvander, P. 1992. Saxifragaceae. J. Ariz.-Nev. Acad. Sci. 26(1):36-41.
 Holmgren, P.K. & N.H. Holmgren. 1997. Saxifragaceae, pp. 33-60. IN: Intermountain Flora, vol. 3A. New York Botanical Garden.
 Spongberg, S.A. 1972. The genera of Saxifragaceae in the southeastern United States. J. Arnold Arbor. 53:409-498.
Boykinia boykinia
 Gornall, R.J. & B.A. Bohm. 1985. A monograph of *Boykinia*, *Peltoboykinia*, *Bolandra*, and *Siksdorfia* (Saxifragaceae). Bot. J. Linn. Soc. 90:1-71.
jamesii (Torrey) Engler [Gornal & Bohm 1985]
 James's boykinia
Telesonix jamesii (Torrey) Rafinesque
Fendlera = see HYDRANGEACEAE
Fendlerella = see HYDRANGEACEAE
Heuchera alumroot
 Hartman, R.L., B. Reif, B.E. Nelson, & B. Jacobs. 2006. New vascular plant records for New Mexico. Sida 22(2):1225-1233. [*Heuchera hallii*]
 Rosendahl, C.O., F.K. Butters, & O. Lakela. 1936. A monograph on the genus *Heuchera*. Minnesota Stud. Pl. Sci. 2:1-180.
 Todsén, T.K. 1982. Noteworthy collections (New Mexico). Madroño 29:60. [*Heuchera glomerulata*]
flavescens Rydberg = *Heuchera parvifolia* Nuttall
glomerulata Rosendahl, Butters, & Lakela [Todsén 1982]
 Chiricahua alumroot
hallii Gray [Hartman et al. 2006]
 Front Range alumroot
leptomeria Greene = *Heuchera rubescens* Torrey
nana (Gray) Rydberg = *Heuchera rubescens* Torrey
novomexicana Wheelock [M&H; W&S]
 New Mexico alumroot
parvifolia Nuttall ex Torrey & Gray [M&H; W&S]
 little-leaf alumroot
Heuchera flavescens Rydberg
Heuchera parvifolia Nuttall ex Torrey & Gray var. *flavescens* (Rydberg) Rosendahl et al.
Heuchera parvifolia Nuttall ex Torrey & Gray var. *microcarpa* Rosendahl, Butters, & Lakela
parvifolia Nuttall ex Torrey & Gray var. *flavescens* (Rydberg) Rosendahl et al. = *Heuchera parvifolia* Nuttall
parvifolia Nuttall ex Torrey & Gray var. *microcarpa* Rosendahl, Butters, & Lakela = *Heuchera parvifolia* Nuttall
pulchra Rydberg = *Heuchera sanguinea* Engelm

- +**pulchella** Wooton & Standley [M&H; W&S]
Sandia alumroot
- rubescens** Torrey [M&H; W&S]
pink alumroot
Heuchera leptomeria Greene
Heuchera nana (Gray) Rydberg
Heuchera rubescens Torrey var. *nana* Gray
Heuchera sitgreavesii Rydberg
Heuchera versicolor Greene
Heuchera versicolor Greene var. *leptomeria* (Greene) Kearney & Peebles
rubescens Torrey var. *nana* Gray = *Heuchera rubescens* Torrey
- sanguinea** Engelm. [M&H; Tods. 1973]
coral-bells
Heuchera pulchra Rydberg
Heuchera sanguinea Engelm. var. *pulchra* (Rydberg) Rosendahl et al.
sanguinea Engelm. var. *pulchra* (Rydberg) Rosendahl et al. = *Heuchera sanguinea* Engelm.
versicolor Greene s.s. = *Heuchera rubescens* Torrey
versicolor Greene var. *leptomeria* (Greene) Kearney & Peebles = *Heuchera rubescens* Torrey
sitgreavesii Rydberg = *Heuchera rubescens* Torrey
- +**wootonii** Rydberg [M&H; W&S]
Wooton's alumroot
- Jamesia* = see HYDRANGEACEAE
- Leptasea austromontana* (Wiegand) Small = *Saxifraga bronchialis* Linnaeus subsp. *austromontana* (Wiegand) Piper
chrysantha (Gray) Small = *Saxifraga serpyllifolia* Pursh
flagellaris (Willdenow) Small = *Saxifraga flagellaris* Willdenow
- Lithophragma** woodland-star
Taylor, R.L. 1965. The genus *Lithophragma* (Saxifragaceae). Univ. Calif. Publ. Bot. 37:1-122.
australis Rydberg = *Lithophragma tenella* Nuttall [M&H]
tenellum Nuttall [M&H; W&S]
woodland-star
Lithophragma australis Rydberg
- Micranthes arguta* (D. Don) Small = *Saxifraga arguta* D. Don
eriphora (S. Watson) Small = *Saxifraga eriophora* S. Watson
rhomboidea (Greene) Small = *Saxifraga rhomboidea* Greene
- Mitella** bishop's-cap
Ferguson, T. 2005. Plant distribution reports. The New Mexico Botanist 34:7. [*Mitella pentandra*]
pentandra Linnaeus [Ferguson 2005]
five-star bishop's-cap
- Parnassia* = see PARNASSIACEAE
Philadelphus = see HYDRANGEACEAE
Ribes = see GROSSULARIACEAE
- Saxifraga** saxifrage
Calder, J.A. & D.B.O. Saville. 1960. Studies in Saxifragaceae III. *Saxifraga odontoloma* and *lyallii*, and North American subspecies of *S. punctata*. Canad. J. Bot. 38:409-435.
Elvander, P. 1984. The taxonomy of *Saxifraga* (Saxifragaceae) section *Borophila* subsection *Integrifoliae* in western North America. Syst. Bot. Monogr. 3:1-44.
Gornall, R.J. 1987. An outline of a revised classification of *Saxifraga* L. Bot. J. Linn. Soc. 95:273-292.
Jorgensen, M.H., R. Elven, A. Tribsch, T.M. Gabrielsen, B. Stedje, & C. Brochmann. 2006. Taxonomy and evolutionary relationships in the *Saxifraga rivularis* complex. Syst. Bot. 31(4):702-729.
Keller, C.F. 2006. Plant distribution reports (*Saxifraga hirculus*). The New Mexico Botanist 35:3.
Krause, D.L. & K.I. Beamish. 1972. Taxonomy of *Saxifraga occidentalis* and *S. marshallii*. Can. J. Bot. 50:2131-2141. [*Saxifraga occidentalis*]
arguta auct. non D. Don = *Saxifraga odontoloma* Piper
austromontana Wiegand = *Saxifraga bronchialis* Linnaeus subsp. *austromontana* (Wiegand) Piper
bronchialis Linnaeus subsp. **austromontana** (Wiegand) Piper [M&H; W&S]
yellow-spot saxifrage
Leptasea austromontana (Wiegand) Small
Saxifraga austromontana Wiegand
- caespitosa** Linnaeus [Holmgren & Holmgren 1997]
tufted saxifrage
- cernua** Linnaeus [M&H; W&S]
nodding saxifrage
- chrysantha** Gray [M&H; W&S]
golden saxifrage
Leptasea chrysantha (Gray) Small
Saxifraga serpyllifolia Pursh var. *chrysantha* (Gray) Dorn
crandallii Gandoger = *Saxifraga flagellaris* Willdenow ex Sternberg var. *crandallii* (Gandoger) Dorn
debilis Engelm. = *Saxifraga rivularis* Linnaeus
- eriphora** S. Watson [M&H; W&S]
red-fuzz saxifrage

Micranthes eriophora (S. Watson) Small
flagellaris Willdenow ex Sternberg var. **crandallii** (Gandoger) Dorn [M&H; W&S]
 whiplash saxifrage
Leptasea flagellaris (Willdenow) Small
Saxifraga crandallii Gandoger
hirculus Linnaeus subsp. **hirculus** [Keller 2006]
 marsh saxifrage
 occidentalis S. Watson : Reported "occasionally as far south as New Mexico" by Krause and Beamish (1972); other works do not list NM;
 awaits verification.
odontoloma Piper [M&H; W&S]
 streambank saxifrage
Micranthes arguta auct. non (D. Don) Small
Saxifraga arguta auct. non D. Don
Saxifraga punctata Linnaeus subsp. *arguta* auct. non (D. Don) Hultén
Saxifraga punctata Linnaeus var. *arguta* auct. non (D. Don) Engelman & Irmscher
punctata Linnaeus subsp. *arguta* auct. non (D. Don) Hultén = *Saxifraga odontoloma* Piper
punctata Linnaeus var. *arguta* auct. non (D. Don) Engelman & Irmscher = *Saxifraga odontoloma* Piper
rhomboidea Greene [Elvander 1984; M&H; W&S]
 diamond-leaf saxifrage
Micranthes rhomboidea (Greene) Small
rivularis Linnaeus [M&H]
 brook saxifrage
Saxifraga debilis Engelman
serpyllifolia Pursh var. *chrysantha* (Gray) Dorn = *Saxifraga chrysantha* Gray
Telesonix jamesii (Torrey) Rafinesque = *Boykinia jamesii* (Torrey) Engler

Family SCROPHULARIACEAE

Holmgren, N. 1984. Scrophulariaceae, pp.344-506. IN: Intermountain Flora, vol. 4. New York Botanical Garden.
Agalinus false-foxglove
 Canne, J.M. 1979 [1980]. A light and scanning electron microscope study of seed morphology in *Agalinus* (Scrophulariaceae) and its taxonomic significance. Syst. Bot. 4:281-296.
 Canne, J.M. 1980. Seed surface features in *Auerolaria*, *Brachystigma*, *Tomanthera*, and certain South American *Agalinis* (Scrophulariaceae). Syst. Bot. 5:241-252.
 Peterson, R.S. 2000. New plant distribution records. The New Mexico Botanist 15:7. [*Agalinus calycina*]
calycina Pennell [Peterson 2000]
 leoncita
tenuifolia (Vahl) Rafinesque var. **parviflora** (Nuttall) Pennell [M&H]
 false-foxglove
Gerardia tenuifolia Vahl var. *parviflora* Nuttall
Andenostegia wrightii (Gray) Greene = *Cordylanthus wrightii* Gray
Antirrhinum antirrhiniflora (Humboldt & Bonpland ex Willdenow) Hitchcock = *Maurandya antirrhiniflora* Humboldt & Bonpland ex Willdenow
Bacopa water-hyssop
 Barrett, S.C.H. & J.L. Strother. 1978. Taxonomy and natural history of *Bacopa* (Scrophulariaceae) in California. Syst. Bot. 3:408-419.
 Pennell, F.W. 1946. Reconsideration of the *Bacopa-Herpestis* problem of the Scrophulariaceae. Proc. Acad. Nat. Sci. Philadelphia 98:83-98.
rotundifolia (Michaux) Wettstein [M&H]
 water-hyssop
Monniera rotundifolia Michaux
Besseyia alpina (Gray) Rydberg = *Synthyris alpina* Gray
arizonica Pennell = *Synthyris plantaginea* (James) Benth
oblongifolia Pennell = *Synthyris oblongifolia* (Pennell) Hufford & McMahon
plantaginea (James) Rydberg = *Synthyris plantaginea* (James) Benth
Brachystigma desert-foxglove
 Canne, J.M. 1980. Seed surface features in *Auerolaria*, *Brachystigma*, *Tomanthera*, and certain South American *Agalinis* (Scrophulariaceae). Syst. Bot. 5:241-252.
wrightii (Gray) Pennell [M&H; W&S]
 Wright's desert-foxglove
Dasystema wrightii (Gray) Wootton & Standley
Gerardia wrightii Gray
Castilleja Indian-paintbrush
 Cockman, J.S. & R.D. Pieper. 1997. A preliminary checklist of plant species for the southern foothills of the Sacramento Mountains, Otero County, New Mexico. NM Agr. Exp. Sta. Res. Rpt. 721. [*Castilleja mexicana*, as *C. tortifolia*]
 Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4. [*Castilleja scabrada*]
 Holmgren, N. 1984. Scrophulariaceae, pp.344-506. IN: Intermountain Flora, vol. 4. New York Botanical Garden.
 McIntosh, L. 1994. First report of *Castilleja ornata* (Scrophulariaceae) from the United States. Phytologia 76:329-332.
 Spellenberg, R., L. McIntosh, & L. Brouillet. 1993. New records of angiosperms from southern New Mexico. Phytologia 75:224-230. [*Castilleja exserta*]
angustifolia (Nuttall) Don : Reported by W&S, but not known from NM (M&H; Holmgren 1984).
austromontana Standley & Blumer [M&H; W&S]
 Rincon Indian-paintbrush
chromosa A. Nelson [M&H]

Castilleja eremophila Wooton & Standley
confusa Greene = *Castilleja miniata* Douglas ex Hooker
crista-galli Rydberg = *Castilleja miniata* Douglas ex Hooker
eremophila Wooton & Standley = *Castilleja chromosa* A. Nelson
exilis A. Nelson = *Castilleja minor* Gray
exserta Heller, Chuang, & Heckard subsp. *exserta* [Spellenberg et al. 1993]
purple Indian-paintbrush
galeata A. Nelson = *Castilleja patriotica* Fernald
gloriosa Britton = *Castilleja integra* Gray
haydenii (Gray) Cockerell [M&H; W&S]
alpine Indian-paintbrush
inconstans Standley = *Castilleja miniata* Douglas ex Hooker
integra Gray [M&H; W&S]
southwestern Indian-paintbrush
Castilleja gloriosa Britton
Castilleja tomentosa Gray
lanceifolia Rydberg = *Castilleja rhexifolia* Rydberg
lanata Gray [M&H; W&S]
wooly Indian-paintbrush
lauta A. Nelson = *Castilleja rhexifolia* Rydberg
laxa Gray = *Castilleja tenuiflora* Benth
linariifolia Benth [M&H; W&S]
Wyoming Indian-paintbrush
Castilleja linariifolia Benth var. *omnipubescens* (Pennell) Clokey
Castilleja linearis Rydberg
linariifolia Benth var. *omnipubescens* (Pennell) Clokey = *Castilleja linariifolia* Benth
linearis Rydberg = *Castilleja linariifolia* Benth
lineata Greene [M&H; W&S]
marshy Indian-paintbrush
luteovirens Rydberg = *Castilleja sulphurea* Rydberg
mexicana (Hemsley) Gray [Cockman 1997]
Mexican Indian-paintbrush
Castilleja tortifolia Pennell
miniata Douglas ex Hooker [M&H; W&S]
showy Indian-paintbrush
Castilleja confusa Greene
Castilleja crista-galli Rydberg
Castilleja inconstans Standley
Castilleja trinervis Rydberg
minor Gray [M&H; W&S]
alkali Indian-paintbrush
Castilleja exilis A. Nelson
Castilleja stricta Rydberg
obtusiloba Rydberg = *Castilleja rhexifolia* Rydberg
occidentalis Torrey [M&H; W&S]
pale Indian-paintbrush
+*organorum* Standley [M&H; W&S]
Organ Mountain Indian-paintbrush
ornata Eastwood [McIntosh 1994]
glowing Indian-paintbrush
patriotica Fernald [M&H]
Huachuca Indian-paintbrush
Castilleja galeata A. Nelson
×***porterae*** Cockerell [W&S]
Porter's Indian-paintbrush
rhexifolia Rydberg [M&H; W&S]
rosy Indian-paintbrush
Castilleja lauta A. Nelson
Castilleja lanceifolia Rydberg
Castilleja obtusiloba Rydberg
scabrida Eastwood [Heil et al. 2002]
rough Indian-paintbrush
septentrionalis Lindley sensu stricto : Reported by M&H, but NM plants referred here belong to *Castilleja sulphurea* Rydberg (Holmgren 1984).
sessiliflora Pursh [M&H; W&S]
Great Plains Indian-paintbrush

stricta Rydberg = Castilleja minor Gray
sulphurea Rydberg [M&H; W&S]
 sulphur-flowered Indian-paintbrush
Castilleja luteovirens Rydberg
tenuiflora Bentham [M&H]
 Santa Catalina Indian-paintbrush
Castilleja laxa Gray
tortifolia Pennell = Castilleja mexicana (Hemsley) Gray
trinervis Rydberg = Castilleja miniata Douglas ex Hooker
tomentosa Gray = Castilleja integra Gray
wootonii Standley [M&H; W&S]
 Wooton's Indian-paintbrush
Chelone barbata Cavanilles = Penstemon barbatus (Cavanilles) Roth subsp. barbatus

Collinsia blue-eyed-Mary
 Newsom, V.M. 1929. A revision of the genus *Collinsia* (Scrophulariaceae). Bot. Gaz. 87:260-301.
parviflora Douglas [M&H]
 blue-eyed-Mary
Collinsia tenella (Pursh) Piper
tenella auct., not (Pursh) Piper = *Collinsia parviflora* Douglas
Conobea intermedia Gray = *Schistophragma intermedia* (Gray) Pennell

Cordylanthus bird's-beak
 Chuang, T.I. & L.R. Heckard. 1986. Systematics and evolution of *Cordylanthus* (Scrophulariaceae -- Pedicularieae). Syst. Bot. Monogr. 10:1-105.
 Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. Sida 11(4):455-470. [*Cordylanthus laxiflorus*]
laxiflorus Gray = *Cordylanthus maritimus* Nuttall ex Bentham
maritimus Nuttall ex Bentham [Spellenberg et al. 1986]
 alkali bird's-beak
Cordylanthus laxiflorus Gray
wrightii Gray subsp. **tenuifolius** (Pennell) Chuang & Heckard [Chuang & Heckard 1986]
 Wright's bird's-beak
wrightii Gray subsp. **wrightii** [M&H; W&S]
 Wright's bird's-beak
Andenostegia wrightii (Gray) Greene
Dasystoma wrightii (Gray) Wooton & Standley = *Brachystigma wrightii* (Gray) Pennell
Elephantella groenlandica (Retzius) Rydberg = *Pedicularis groenlandica* Retzius
Epixiphium wislizeni (Engelmann ex Gray) Munz = *Maurandya wislizeni* Engelmann ex Gray
Gerardia tenuifolia Vahl var. *parviflora* Nuttall = *Agalinus tenuifolia* (Vahl) Rafinesque var. *parviflora* (Nuttall) Pennell
wrightii Gray = *Brachystigma wrightii* (Gray) Pennell

Gratiola clammy hyssop
anagallidea Michaux = *Lindernia anagallidea* (Michaux) Pennell
dubia Linnaeus = *Lindernia dubia* (Linnaeus) Pennell
neglecta Torrey [M&H]
 clammy hyssop
Gratiola virginica of western authors, misapplied
virginica of western authors, misapplied = *Gratiola neglecta* Torrey
Illysanthes dubia (Linnaeus) Barnhart = *Lindernia dubia* (Linnaeus) Pennell
Leiosyris ambiguus (Torrey) Greene = *Penstemon ambiguus* Torrey subsp. *ambiguus*
thurberi Greene = *Penstemon thurberi* Torrey

Leucophyllum Texas sage
 Henrickson, J. & L.D. Flyr. 1985. Systematics of *Leucophyllum* and *Eremogeton* (Scrophulariaceae). Sida 11(2):107-172.
minus Gray [Henrickson & Flyr 1985; M&H; W&S]
 Big Bend Texas sage

Limosella mudwort
 Sivinski, R. & K. Lightfoot, eds. 1995. Inventory of rare and endangered plants of New Mexico. New Mexico Forestry and Resources Conservation Division, Misc. Publ. No. 4.
acaulis Sessé & Mociño = *Limosella aquatica* Linnaeus
aquatica Linnaeus [M&H; W&S]
 mudwort
Limosella acaulis Sessé & Mociño
pubiflora Pennell Note: The status of this taxon is problematical, whether a valid species or not (Sivinski & Lightfoot 1995).
 mudwort

Linaria toadflax
 Sutton, D.A. 1988. A revision of the tribe Anthirrhineae. Oxford University Press, London, England.
canadensis sensu W&S = *Nuttallanthus texanus* (Scheele) D.A. Sutton
canadensis (Linnaeus) Dumortier var. *texana* (Scheele) Pennell = *Nuttallanthus texanus* (Scheele) D.A. Sutton
***dalmatica** (Linnaeus) Miller [M&H]
 Dalmatian toadflax
texana Scheele = *Nuttallanthus texanus* (Scheele) D.A. Sutton

***vulgaris** Hill [M&H]
butter-and-eggs

Lindernia false-pimpernell
McGrath, J. 2002. Plant distribution reports. The New Mexico Botanist 24:7. [*Lindernia dubia*]
anagallidea (Michaux) Pennell : Reported as expected by M&H map; awaits verification.
Gratiola anagallidea Michaux

dubia (Linnaeus) Pennell [McGrath 2002]
false-pimpernell
Gratiola dubia Linnaeus
Illysanthes dubia (Linnaeus) Barnhart

Maurandella antirrhiniflora (Humboldt & Bonpland ex Willdenow) Rothmaler = *Maurandya antirrhiniflora* Humboldt & Bonpland ex Willdenow

Maurandya viney snapdragon
Elisens, W.J. 1985. Monograph of the Maurandyinae (Scrophulariaceae-Antirrhineae). Syst. Bot. Monogr. 5:1-97.
Sutton, D.A. 1988. A revision of the tribe Anthirrhineae. Oxford University Press, London, England.

antirrhiniflora Humboldt & Bonpland ex Willdenow [M&H; W&S]
roving sailor
Antirrhinum antirrhiniflora (Humboldt & Bonpland ex Willdenow) Hitchcock
Maurandella antirrhiniflora (Humboldt & Bonpland ex Willdenow) Rothmaler

wislizeni Engelm ex Gray [M&H; W&S]
viny snapdragon
Epixiphium wislizeni (Engelm ex Gray) Munz

Mecardonia baby-jump-up
Todsens, T.K. 1984. Noteworthy collections (New Mexico). Madroño 31:125. [*Mecardonia procumbens*]
procumbens (P. Miller) Small [Todsens 1984]
baby-jump-up
Pagesia vandellioides Pennell
Mecardonia vandellioides auct., not (Humboldt, Bonpland, & Kunth) Pennell
vandellioides auct., not (Humboldt, Bonpland, & Kunth) Pennell = *Mecardonia procumbens* (P. Miller) Small

Mimulus monkey-flower
Campbell, G.R. 1950. *Mimulus guttatus* and related species. Aliso 2:319-337.
Grant, A.L. 1924. A monograph of the genus *Mimulus*. Ann. Missouri Bot. Gard. 11:99-388.
Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4.
[*Mimulus eastwoodiae*]
Worthington, R.D. 2005. Plant distribution reports. The New Mexico Botanist 34:7. [*Mimulus primuloides*]

cardinalis Douglas ex Benth [M&H; W&S]
scarlet monkey-flower
cordatus Greene = *Mimulus guttatus* A.P. de Candolle

dentilobus Robinson & Fernald [M&H; W&S]
toothed monkey-flower
Mimulus parvulus Wooton & Standley

eastwoodiae Rydberg [Heil et al. 2002]
Eastwood's monkey-flower

floribundus Lindley [M&H]
purple-stem monkey-flower
geyeri Torrey = *Mimulus glabratus* Humboldt, Bonpland, & Kunth var. *jamesii* (Torrey & Gray ex Benth) Gray
glabratus Humboldt, Bonpland, & Kunth var. *fremontii* (Benth) Grant = *Mimulus glabratus* Humboldt, Bonpland, & Kunth var. *jamesii* (Torrey & Gray ex Benth) Gray

glabratus Humboldt, Bonpland, & Kunth var. **glabratus** [M&H]
round-leaf monkey-flower

glabratus Humboldt, Bonpland, & Kunth var. **jamesii** (Torrey & Gray ex Benth) Gray [M&H; W&S]
round-leaf monkey-flower
Mimulus geyeri Torrey
Mimulus glabratus Humboldt, Bonpland, & Kunth var. *fremontii* (Benth) Grant
gratioloides Rydberg = *Mimulus rubellus* Gray

guttatus A.P. de Candolle [M&H; W&S]
seep monkey-flower
Mimulus cordatus Greene
Mimulus guttatus A.P. de Candolle var. *gracilis* (A. Gray) G. Campbell
Mimulus hallii Greene
Mimulus langsдорфii Donn
Mimulus nasutus Greene
Mimulus puberulus Greene
guttatus A.P. de Candolle var. *gracilis* (A. Gray) G. Campbell = *Mimulus guttatus* A.P. de Candolle
langsдорфii Donn = *Mimulus guttatus* A.P. de Candolle
nasutus Greene = *Mimulus guttatus* A.P. de Candolle
parvulus Wooton & Standley = *Mimulus dentilobus* Robinson & Fernald

- primuloides*** Bentham [Worthington 2005]
yellow monkey-flower
- puberulus*** Greene = *Mimulus guttatus* A.P. de Candolle
- rubellus*** Gray [M&H; W&S]
red-stem monkey-flower
Mimulus gratiolooides Rydberg
- suksdorfii Gray : Reported by Kartesz (1999) without documentation; awaits verification.
- tilingii*** Regel [Holmgren 1984]
subalpine monkey-flower
- Monniera rotundifolia* Michaux = *Bacopa rotundifolia* (Michaux) Wettstein
- Nuttallanthus*** toadflax
Sutton, D.A. 1988. A revision of the tribe Anthirrhineae. Oxford University Press, London, England.
canadensis sensu W&S = *Nuttallanthus texanus* (Scheele) D.A. Sutton
- texanus*** (Scheele) D.A. Sutton [M&H; W&S]
Texas toadflax
Linaria canadensis sensu W&S
Linaria canadensis (Linnaeus) Dumortier var. *texana* (Scheele) Pennell
Linaria texana Scheele
Nuttallanthus canadensis sensu W&S
- Orthocarpus*** owl-clover
Chuang, T.I. & L.R. Heckard. 1992. A taxonomic revision of *Orthocarpus* (Scrophulariaceae - Tribe Pedicularae). Syst. Bot. 17(4):560-582.
- luteus*** Nuttall [M&H; W&S]
yellow owl-clover
- purpureo-albus*** Gray ex S. Watson [M&H; W&S]
purple owl-clover
- Pagesia vandelliioides* Pennell = *Mecardonia procumbens* (P. Miller) Small
- Pedicularis*** lousewort
Allred, K. 2004. Plant distribution reports. The New Mexico Botanist 31:1. [*Pedicularis bracteosa*]
Carr, G.D. 1971. Taxonomy of *Pedicularis parryi* (Scrophulariaceae). Brittonia 23:280-291.
Major, J. & S.A. Bamberg. 1963. Some cordilleran plant species new for the Sierra Nevada of California. Madroño 17(4):93-107. [*Pedicularis crenulata*]
Sprague, E.F. 1962. Pollination and evolution in *Pedicularis* (Scrophulariaceae). Aliso 5:181-209.
- angustifolia*** Bentham [M&H; W&S]
Mogollon lousewort
Pedicularis angustissima Greene
angustissima Greene = *Pedicularis angustifolia* Bentham
- bracteosa*** Bentham var. *paysoniana* (Pennell) Cronquist [Allred 2004]
tall lousewort
- canadensis*** Linnaeus subsp. *fluviatilis* (Heller) Weber [M&H; W&S]
Canadian lousewort
Pedicularis fluviatilis Heller
- centranthera*** Gray [M&H; W&S]
dwarf lousewort
- crenulata*** Bentham subsp. *alba* Pennell [Major & Bamberg 1963]
purple lousewort
fluviatilis Heller = *Pedicularis canadensis* Linnaeus subsp. *fluviatilis* (Heller) Weber
grayi A. Nelson = *Pedicularis procera* Gray
- groenlandica*** Retzius [M&H; W&S]
elephant-head
Elephantella groenlandica (Retzius) Rydberg
- mogollonica* Greene = *Pedicularis parryi* Gray
- parryi*** Gray [M&H; W&S]
Parry's lousewort
Pedicularis mogollonica Greene
Pedicularis parryi Gray subsp. *mogollonica* (Greene) G.D. Carr
parryi Gray subsp. *mogollonica* (Greene) G.D. Carr = *Pedicularis parryi* Gray
- procera*** Gray [M&H; W&S]
giant lousewort
Pedicularis grayi A. Nelson
- racemosa*** Douglas ex Bentham [M&H; W&S]
parrot's-beak
- scopulorum*** Gray [M&H]
Rocky Mountain lousewort
- Penstemon*** beardtongue
Bleakly, D. 1998. A key to the penstemons of New Mexico. The New Mexico Botanist 9:1-6.
Crosswhite, F.S. 1965. Revision of *Penstemon* section *Penstemon* (Scrophulariaceae) II. A western alliance in series *Gracilis*. Amer. Midl. Naturalist 74(2):429-442.
Crosswhite, F.S. 1966. Revision of the *Penstemon* section *Chamaeleon* (Scrophulariaceae). Sida 2:339-346.

Crosswhite, F.S. 1967. Revision of *Penstemon* section *Habroanthus* (Scrophulariaceae). III: series *Virgati*. Amer. Midl. Naturalist 77:1-41.

Hartman, R.L., B. Reif, B.E. Nelson, & B. Jacobs. 2006. New vascular plant records for New Mexico. Sida 22(2):1225-1233. [*Penstemon glaber alpinus*]

Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4. [*Penstemon eatonii eatonii*, *P. pachyphyllus*]

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Hubbard, J.P. 1999. *Penstemon spinulosus* Wootton and Standley: New Mexico endemic, error, or introduction? The New Mexico Botanist 12:1-4.

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Nisbet, G.T. & R.C. Jackson. 1960. The genus *Penstemon* in New Mexico. Univ. Kansas Sci. Bull. 41(5):691-759.

Sivinski, R. 1998. New plant distribution records (*Arenaria hookeri*, *Mentzelia marginata*, *Paronychia depressa*, *Penstemon ophianthus*). The New Mexico Botanist 7:6.

Sivinski, R. & K. Lightfoot, eds. 1994. Inventory of rare and endangered plants of New Mexico. New Mexico Forestry and Resources Conservation Division, Misc. Publ. No. 3.

Todsen, T.K. 1998. *Penstemon metcalfei* (Scrophulariaceae), a valid species. Sida 18(2):621-622.

alamosensis Pennell & Nisbet [Bleakly 1998; M&H]
 Alamo beardtongue

albidus Nuttall [Bleakly 1998; M&H]
 red-line beardtongue

alpinus Torrey subsp. *brandegeei* (Porter) Harrington = *Penstemon glaber* Pursh var. *brandegeei* (Porter) Freeman

ambiguus Torrey subsp. **ambiguus** [Bleakly 1998; M&H; W&S]
 moth beardtongue
Leiostemon ambiguus (Torrey) Greene

ambiguus Torrey subsp. *laevissimus* Keck [Bleakly 1998; M&H]
 moth beardtongue

ambiguus Torrey var. *thurberi* (Torrey) Gray = *Penstemon thurberi* Torrey
amplexicaulis Buckley = *Penstemon buckleyi* Pennell

angustifolius Nuttall ex Pursh var. **caudatus** (Heller) Rydberg [Bleakly 1998; M&H; W&S]
 narrow-leaf beardtongue
Penstemon angustifolius Nuttall ex Pursh subsp. *caudatus* (Heller) Keck
Penstemon angustifolius Nuttall ex Pursh subsp. *venosus* Keck
Penstemon caudatus Heller

angustifolius Nuttall ex Pursh subsp. *caudatus* (Heller) Keck = *Penstemon angustifolius* Nuttall ex Pursh var. *caudatus* (Heller) Rydberg
angustifolius Nuttall ex Pursh subsp. *venosus* Keck = *Penstemon angustifolius* Nuttall ex Pursh var. *caudatus* (Heller) Rydberg

arizonicus Heller = *Penstemon whippleanus* Gray

auriberbis Pennell [Bleakly 1998; M&H]
 Colorado beardtongue

barbatus (Cavanilles) Roth subsp. **barbatus** [Bleakly 1998; M&H; W&S]
 southwestern beardtongue
Chelone barbata Cavanilles

barbatus (Cavanilles) Roth subsp. **torreyi** (Bentham) Keck [Bleakly 1998; M&H; W&S]
 southwestern beardtongue
Penstemon barbatus (Cavanilles) Roth var. *torreyi* (Bentham) Gray
Penstemon torreyi Bentham

barbatus (Cavanilles) Roth var. *torreyi* (Bentham) Gray = *Penstemon barbatus* (Cavanilles) Roth subsp. *torreyi* (Bentham) Keck

barbatus (Cavanilles) Roth subsp. **trichander** (Gray) Keck [Bleakly 1998; M&H; W&S]
 red beardtongue
Penstemon barbatus (Cavanilles) Roth var. *trichander* Gray
Penstemon trichander (Gray) Rydberg

barbatus (Cavanilles) Roth var. *trichander* Gray = *Penstemon barbatus* (Cavanilles) Roth subsp. *trichander* (Gray) Keck

brandegeei Porter = *Penstemon glaber* Pursh var. *brandegeei* (Porter) Freeman

breviculus (Keck) Nisbet & Jackson [Bleakly 1998; M&H]
 short-stem beardtongue
Penstemon jamesii Bentham subsp. *breviculus* Keck

bridgesii Gray = *Penstemon rostriflorus* Kellogg

buckleyi Pennell [Bleakly 1998; M&H]
 Buckley's beardtongue
Penstemon amplexicaulis Buckley

campanulatus (Cavanilles) Willdenow subsp. *chihuahuensis* Straw : Not known from NM (Hubbard 1999, 2001).
Penstemon pulchellus Lindley

+**cardinalis** Wootton & Standley subsp. **cardinalis** [Bleakly 1998; M&H; W&S]
 cardinal beardtongue
Penstemon crassulus Wootton & Standley

cardinalis Wootton & Standley subsp. **regalis** (A. Nels) Nisbet & Jackson [Bleakly 1998; M&H]
 cardinal beardtongue
Penstemon regalis A. Nelson

caudatus Heller = *Penstemon angustifolius* Nuttall subsp. *caudatus* (Heller) Keck

***cobaea** Nuttall [Bleakly 1998]
 cobaea beardtongue

coloradoensis A. Nelson = *Penstemon linarioides* Gray subsp. *coloradoensis* (A. Nelson) Keck
comarrhenus Gray [Bleakly 1998; M&H; W&S]
 dusty beardtongue

connatifolius A. Nelson = *Penstemon pseudospectabilis* M.E. Jones subsp. *connatifolius* (A. Nelson) Keck
crandallii A. Nelson subsp. **glabrescens** (Pennell) Keck var. **glabrescens** (Pennell) Nisbet & Jackson [Bleakly 1998; M&H; W&S]
 Crandall's beardtongue
Penstemon glabrescens Pennell

+**crandallii** A. Nelson subsp. **glabrescens** (Pennell) Keck var. **taosensis** (Keck) Nisbet & Jackson [Bleakly 1998]
 Crandall's beardtongue

crassulus Wooton & Standley = *Penstemon cardinalis* Wooton & Standley subsp. *cardinalis*
cyananthus Hooker var. *brandegeei* Porter & Coulter = *Penstemon glaber* Pursh var. *brandegeei* (Porter) Freeman
cyathophorus Rydberg : Reported by W&S, but the specimens in question belong to *Penstemon buckleyi* Pennell and *Penstemon fendleri* Torrey & Gray (Hubbard 2001).

dasyphyllus Gray [Bleakly 1998; M&H]
 Cochise beardtongue

deaveri Crosswhite [Bleakly 1998; Crosswhite 1967]
 Deaver's beardtongue

eatonii Gray var. **eatonii** [Heil et al. 2002]
 Eaton's beardtongue

eatonii Gray var. **undosus** M.E. Jones [Bleakly 1998; M&H; W&S]
 Eaton's beardtongue

erosus Rydberg = *Penstemon rydbergii* A. Nelson

fendleri Torrey & Gray [Bleakly 1998; M&H; W&S]
 Fendler's beardtongue

glaber Pursh var. **alpinus** (Torrey) Gray [Hartman et al. 2006]
 smooth beardtongue

glaber Pursh var. **brandegeei** (Porter ex Rydberg) Freeman [Bleakly 1998; M&H; W&S]
 smooth beardtongue
Penstemon alpinus Torrey subsp. *brandegeei* (Porter) Harrington
Penstemon brandegeei Porter
Penstemon cyananthus Hooker var. *brandegeei* Porter & Coulter

glabrescens Pennell = *Penstemon crandallii* A. Nelson subsp. *glabrescens* (Pennell) Keck var. *glabrescens* (Pennell) Nisbet & Jackson
glaucus R. Graham var. *stenosepalus* Gray = *Penstemon whippleanus* Gray

gracilis Nuttall [Bleakly 1998; M&H; W&S]
 lilac beardtongue
Penstemon pubescens Solander var. *gracilis* (Nuttall) Gray

grandiflorus Nuttall [Bleakly 1998]
 Great Plains beardtongue

griffinii A. Nelson [Bleakly 1998; Crosswhite 1965]
 Griffin's beardtongue

humilis Nuttall ex Gray : Reported by W&S, but the specimen in question belongs to *Penstemon jamesii* Bentham (Hubbard 2001).

+**inflatus** Crosswhite [Bleakly 1998; Crosswhite 1965]
 inflated beardtongue

jamesii Bentham [Bleakly 1998; M&H; W&S]
 James's beardtongue
Penstemon similis A. Nelson

jamesii Bentham subsp. *breviculus* Keck = *Penstemon breviculus* (Keck) Nisbet & Jackson
jamesii Bentham subsp. *ophianthus* (Pennell) Keck = *Penstemon ophianthus* Pennell

lacerellus Greene = *Penstemon rydbergii* A. Nelson

lanceolatus Bentham : According to Crosswhite (1966) this taxon is not found in NM; our material is referred to *Penstemon ramosus* Crosswhite.

lentus Pennell [Bleakly 1998; M&H; Sivinski & Lightfoot 1994]
 Abajo beardtongue

linarioides Gray subsp. **coloradoensis** (A. Nelson) Keck [Bleakly 1998; M&H]
 toadflax beardtongue
Penstemon coloradoensis A. Nelson

linarioides Gray subsp. **linarioides** [Bleakly 1998; M&H; W&S]
 toadflax beardtongue

linarioides Gray subsp. **maguirei** Keck [Bleakly 1998; M&H]
 toadflax beardtongue

+**metcalfei** Wooton & Standley [Todsens 1998; W&S]
 Metcalfe's beardtongue

+**neomexicanus** Wooton & Standley [Bleakly 1998; M&H; W&S]
 New Mexico beardtongue

oliganthus Wooton & Standley [Bleakly 1998; M&H; W&S]
 Apache beardtongue

ophianthus Pennell [Bleakly 1998; M&H; Sivinski 1998]
 Arizona beardtongue
Penstemon jamesii Bentham subsp. *ophianthus* (Pennell) Keck

pachyphyllus Gray ex Rydberg [Heil et al. 2002]
 thickleaf beardtongue

palmeri Gray [Bleakly 1998; M&H]
 Palmer's beardtongue
 parviflorus Pennell : Kartesz (1999) lists this species as extinct from NM.
pauciflorus of NM authors, not Greene = *Penstemon ramosus* Crosswhite

pinifolius Greene [Bleakly 1998; M&H; W&S]
 pine-needle beardtongue

+***pseudoparvus*** Crosswhite [Bleakly 1998; Sivinski & Lightfoot 1994]
 San Mateo beardtongue

pseudospectabilis M.E. Jones subsp. ***connatifolius*** (A. Nelson) Keck [Bleakly 1998; M&H; W&S]
 desert beardtongue
Penstemon connatifolius A. Nelson
Penstemon spectabilis Wooton & Standley, not Thurber

puberulus Wooton & Standley = *Penstemon whippleanus* Gray
pubescens Solander var. *gracilis* (Nuttall) Gray = *Penstemon gracilis* Nuttall
pulchellus Lindley = *Penstemon campanulatus* (Cavanilles) Willdenow subsp. *chihuahuensis* Straw
puniceus Gray = *Penstemon superbus* A. Nelson

ramosus Crosswhite [Bleakly 1998; Crosswhite 1966]
 lance-leaf beardtongue
Penstemon lanceolatus of NM authors, not Bentham
Penstemon pauciflorus of NM authors, not Greene

regalis A. Nelson = *Penstemon cardinalis* Wooton & Standley subsp. *regalis* (A. Nels) Nisbet & Jackson

rostriflorus Kellogg [Bleakly 1998; M&H; W&S]
 beaked beardtongue
Penstemon bridgesii Gray

rydbergii A. Nelson [Bleakly 1998; M&H; W&S]
 Rydberg's beardtongue
Penstemon erosus Rydberg
Penstemon lacerellus Greene

secundiflorus Bentham [Bleakly 1998; M&H; W&S]
 side-bells beardtongue
Penstemon unilateralis Rydberg

similis A. Nelson = *Penstemon jamesii* Bentham
spectabilis Wooton & Standley = *Penstemon pseudospectabilis* M.E. Jones subsp. *connatifolius* (A. Nelson) Keck
spinulosus Wooton & Standley [= *Penstemon heterophyllus* Lindley] : Not known from (or no longer present in) NM (Hubbard 1999).
stenosepalus (Gray) Howell = *Penstemon whippleanus* Gray

strictiformis Rydberg [Bleakly 1998; M&H; W&S]
 stiff beardtongue
Penstemon strictus Bentham subsp. *strictiformis* (Rydberg) Keck
strictus Bentham subsp. *strictiformis* (Rydberg) Keck = *Penstemon strictiformis* Rydberg

strictus Bentham [Bleakly 1998; M&H; W&S]
 Rocky Mountain beardtongue

superbus A. Nelson [Bleakly 1998; M&H; W&S]
 superb beardtongue
Penstemon puniceus Gray

teucroides Greene : Reported by W&S, but this species is endemic to Colorado; the specimen reported by W&S belongs to *Penstemon crandallii* A. Nelson (Hubbard 2001).

thurberi Torrey [Bleakly 1998; M&H; W&S]
 Thurber's beardtongue
Leiostemon thurberi Greene
Penstemon ambiguus Torrey var. *thurberi* (Torrey) Gray

torreyi Bentham = *Penstemon barbatus* (Cavanilles) Roth subsp. *torreyi* (Bentham) Keck
trichander (Gray) Rydberg = *Penstemon barbatus* (Cavanilles) Roth subsp. *trichander* (Gray) Keck
unilateralis Rydberg = *Penstemon secundiflorus* Bentham
unilateralis of some NM authors = *Penstemon virgatus* Gray subspecies *asa-grayii* Crosswhite

virgatus Gray subsp. ***asa-grayii*** Crosswhite [Bleakly 1998]
 blue beardtongue
Penstemon unilateralis of some NM authors, not Rydberg

virgatus Gray subsp. ***virgatus*** [Bleakly 1998; M&H; W&S]
 blue beardtongue

whippleanus Gray [Bleakly 1998; M&H; W&S]
dark beardtongue

Penstemon arizonicus Heller
Penstemon glaucus R. Graham var. *stenosepalus* Gray
Penstemon puberulus Wooton & Standley
Penstemon stenosepalus (Gray) Howell

Rhinanthus yellow-rattle

Hulst, R. van & B. Shipley. 1986. The systematic position of the genus *Rhinanthus* (Scrophulariaceae) in North America. *Can. J. Bot.* 64(7):1443-1449.
Soo, R. 1970. Arten und unterarten der gattung *Rhinanthus* in Europe. *Acta Bot.* 16(1/2):193-206.

crista-galli sensu W&S = *Rhinanthus minor* Linnaeus subsp. *minor*
rigidus Chabert = *Rhinanthus minor* Linnaeus subsp. *minor*
minor Linnaeus subsp. **minor** [M&H; W&S]

little yellow-rattle
Rhinanthus crista-galli sensu W&S
Rhinanthus rigidus Chabert

Schistophragma spiral-seed

intermedia (Gray) Pennell [M&H; W&S]
spiral-seed

Conobea intermedia Gray

Scrophularia figwort

Shaw, R.J. 1962. The biosystematics of *Scrophularia* in western North America. *Aliso* 5:147-178.
Todsén, T.K. 1978. *Scrophularia laevis* (Scrophulariaceae) a legitimate species. *Madroño* 25:106-107.

coccinea Gray = *Scrophularia macrantha* Greene ex Stiefelhagen
+**laevis** Wooton & Standley [M&H; Shaw 1962; Todsén 1978; W&S]
Organ Mountain figwort

lanceolata Pursh [M&H]

lance-leaf figwort

+**macrantha** Greene ex Stiefelhagen [M&H; W&S]
New Mexico figwort

Scrophularia coccinea Gray
Scrophularia neomexicana Shaw

+**montana** Wooton [M&H; W&S]
mountain figwort

neomexicana Shaw = *Scrophularia macrantha* Greene ex Stiefelhagen (Shaw 1962:170, ed. note).

parviflora Wooton & Standley [M&H; W&S]
piney figwort

Synthyris kitten's-tail

Hufford, L. & M. McMahon. 2004. Morphological evolution and systematics of *Synthyris* and *Besseyia* (Veronicaceae): A phylogenetic analysis. *Syst. Bot.* 29(3):716-736.

Pennell, F.W. 1933[1934]. A revision of *Synthyris* and *Besseyia*. *Proc. Acad. Nat. Sci. Philadelphia* 85:77-106.

alpina Gray [M&H; W&S]

alpine kitten's-tail

Besseyia alpina (Gra) Rydberg

+**oblongifolia** (Pennell) Hufford & McMahon [M&H]

New Mexico kitten's-tail

Besseyia oblongifolia Pennell

plantaginea (James) Bentham [M&H; W&S]

Rocky Mountain kitten's-tail

Besseyia arizonica Pennell

Besseyia plantaginea (James) Rydberg

Verbascum mullein

Allred, K.W. 1999. New plant distribution records. *The New Mexico Botanist* 13:7. [*Verbascum virgatum*]

Hershey, A.L. & P.J. Leyendecker, Jr. 1944. Notes on plants of New Mexico -- III. *Leaf. West. Bot.* 4(2):21-25. [*Verbascum blattaria*]

***blattaria** Linnaeus [Hershey & Leyendecker 1944; M&H]

white mullein

***thapsus** Linnaeus [M&H; W&S]

moth mullein

***virgatum** Stokes [Allred 1999]

wand mullein

Veronica speedwell

Allred, K.W. 1999. New plant distribution records. *The New Mexico Botanist* 13:7. [*Veronica arvensis*]

Pennell, F.W. 1921. *Veronica* in North and South America. *Rhodora* 23:29-41.

Walters, S.M. & D.A. Webb. 1972. *Veronica*, pp. 242-251. IN: *Flora Europaea*, vol. 3. Cambridge University Press, England.

americana Schweinitz ex Bentham [M&H; W&S]

American brooklime

***anagallis-aquatica** Linnaeus [M&H; W&S]

blue speedwell

**arvensis* Linnaeus [Allred 1999]
 corn speedwell
buxbaumii Tenore = *Veronica persica* Poiret
catenata Pennell [M&H; W&S]
 Pennell's speedwell
Veronica connata Rafinesque subsp. *glaberrima* Pennell
Veronica micromera Wooton & Standley
connata Rafinesque subsp. *glaberrima* Pennell = *Veronica catenata* Pennell
humifusa Dickson = *Veronica serpyllifolia* Linnaeus var. *humifusa* (Dickson) Vahl
micromera Wooton & Standley = *Veronica catenata* Pennell
peregrina Linnaeus var. *xalapensis* (Humboldt, Bonpland, & Kunth) Pennell [M&H; W&S]
 neckweed
Veronica xalapensis Humboldt, Bonpland, & Kunth
 **persica* Poiret [M&H; W&S]
 bird's-eye speedwell
Veronica buxbaumii Tenore
Veronica tournefortii K. Gmelin
serpyllifolia Linnaeus var. *borealis* Laestad. = *Veronica serpyllifolia* Linnaeus var. *humifusa* (Dickson) Vahl
 **serpyllifolia* Linnaeus var. *humifusa* (Dickson) Vahl [M&H; W&S]
 thyme-leaf speedwell
Veronica humifusa Dickson
Veronica serpyllifolia Linnaeus var. *borealis* Laestad.
Veronica serpyllifolia Linnaeus var. *neomexicana* Cockerell
Veronica tenella Allioni
serpyllifolia Linnaeus var. *neomexicana* Cockerell = *Veronica serpyllifolia* Linnaeus var. *humifusa* (Dickson) Vahl
tenella Allioni = *Veronica serpyllifolia* Linnaeus var. *humifusa* (Dickson) Vahl
tournefortii K. Gmelin = *Veronica persica* Poiret
wormskjoldii Roemer & Schultes [M&H; W&S]
 alpine speedwell
xalapensis Humboldt, Bonpland, & Kunth = *Veronica peregrina* Linnaeus var. *xalapensis* (Humboldt, Bonpland, & Kunth) Pennell

Family SILENACEAE = CARYOPHYLLACEAE

Family SIMAROUBACEAE

Ailanthus tree-of-heaven
 **altissima* (Miller) Swingle [M&H; W&S]
 tree-of-heaven
Ailanthus glandulosa Desfontaines
glandulosa Desfontaines = *Ailanthus altissima* (Miller) Swingle

Family SOLANACEAE

Androcera novomexicana (Bartlett) Wooton & Standley = *Solanum heterodoxum* Dunal var. *novomexicanum* Bartlett
rostrata (Dunal) Rydberg = *Solanum rostratum* Dunal
Calibrachoa petunia
 Wijsman, H.J.W. 1990. On the inter-relationships of certain species of *Petunia* VI. New names for the species of *Calibrachoa* formerly included into *Petunia* (Solanaceae). Acta Bot. Neerl. 39:101-102.
 Wijsman, H.J.W. & J.H. deJong. 1985. On the inter-relationships of certain species of *Petunia* IV. Hybridization between *P. linearis* and *P. calycina* and nomenclatorial consequences in the *Petunia* group. Acta Bot. Neerl. 34:337-349.
 **parviflora* (Jussieu) D'Arcy [M&H; W&S]
 seaside petunia
Petunia parviflora Jussieu
Capsicum baccatum Linnaeus : Reported as expected by M&H; awaits verification.
Chamaesaracha five-eyes
 Averett, J.E. 1973. Biosystematic study of *Chamaesaracha* (Solanaceae). Rhodora 75:325-365.
 Worthington, R.D. 2001. New plant distribution records. The New Mexico Botanist 20:8. [*Chamaesaracha edwardsiana*]
coniodes (Moricand ex Dunal) Britton [Averett 1973; M&H; W&S]
 gray five-eyes
Solanum coniodes Moricand ex Dunal
coronopus (Dunal) Gray [Averett 1973; M&H; W&S]
 green-leaf five-eyes
Solanum coronopus Dunal
edwardsiana Averett [Worthington 2001]
 Edwards Plateau five-eyes
pallida Averett [Averett 1973]
 pale five-eyes
sordida (Dunal) Gray [Averett 1973]

hairy five-eyes

Datura thorn-apple

Allred, K.W. 2004. *Datura* (Solanaceae) in New Mexico. The New Mexico Botanist 30:5.
Avery, A.G., S.Satina, & J. Rietsema. 1959. The genus *Datura*. Chronica Botanica No. 20, The Ronald Press, New York. 289 pp.
Barclay, A.S. 1959. New considerations in an old genus: *Datura*. Bot. Mus. Leaf. Harvard 18:245-272.
Bye, R. 2001. Vascular Plants of Arizona: Solanaceae. Part One. *Datura* L. J. Ariz.-Nev. Acad. Sci. 33(1):58-64. [*Datura ceratocaula*]
Ewan, J. 1944. Taxonomic history of perennial southwestern *Datura meteloides*. Rhodora 46:317-323.

meteloides DC. ex Dunal = *Datura inoxia* P. Miller

meteloides of NM authors = *Datura wrightii* Regel

**ceratocaula* Ortega [Allred 2004; Bye 2001]

Mexican thorn-apple

ferox auct. non L. = *Datura quercifolia* Humboldt, Bonpland, & Kunth

**inoxia* P. Miller [Allred 2004; M&H]

downy thorn-apple

meteloides DC. ex Dunal

inoxia P. Miller subsp. *quinqueuspida* (Torrey) Barclay = *Datura wrightii* Regel

meteloides of NM authors, misapplied = *Datura wrightii* Hort ex Regel

**quercifolia* Humboldt, Bonpland, & Kunth [Allred 2004; M&H; W&S]

oak-leaf thorn-apple

Datura ferox auct. non L.

**stramonium* Linnaeus [Allred 2004; M&H; W&S]

jimsonweed

Datura stramonium Linnaeus var. *tatula* (Linnaeus) Torrey

Datura tatula Linnaeus

stramonium Linnaeus var. *tatula* (Linnaeus) Torrey = *Datura stramonium* Linnaeus

tatula Linnaeus = *Datura stramonium* Linnaeus

wrightii Hort ex Regel [Allred 2004; M&H]

sacred thorn-apple

Datura inoxia P. Miller subsp. *quinqueuspida* (Torrey) Barclay

Datura meteloides of NM authors, misapplied

Hyoscyamus henbane

**niger* Linnaeus [M&H]

black henbane

Lycium wolfberry

Feinbrun, N. & W.T. Stearn. 1963. Typification of *Lycium barbarum* L., *L. afrum* L., and *L. europaeum* L. Israel J. Bot. 12:114-123.

Hall, H.H. & S. Flowers. 1961. Vascular plants found in the Navajo Reservoir Basin, pp. 47-87. IN: D.M. Pendergast (ed.). Ecological studies of the flora and fauna of Navajo Reservoir Basin, Colorado and New Mexico. Univ. Utah Anthropological Papers, number 55.

Hitchcock, C.L. 1932. A monographic study of the genus *Lycium* of the western hemisphere. Ann. Missouri Bot. Gard. 19:179-374.

andersonii Gray [Hitchcock 1932; M&H]

Anderson's wolfberry

**barbarum* Linnaeus [Hitchcock 1932; M&H; W&S]

matrimony-vine

Lycium halimifolium Miller

Lycium vulgare (Aiton) Dunal

berlandieri Dunal var. *berlandieri* [Hitchcock 1932; M&H]

silver wolfberry

berlandieri Dunal var. *parviflorum* (Gray) Terracciono [Hitchcock 1932; M&H; W&S]

silver wolfberry

Lycium parviflorum Gray

halimifolium Miller = *Lycium barbarum* Linnaeus

pallidum Miers [Hitchcock 1932; M&H; W&S]

pale wolfberry

parishii A. Gray : Reported by Hall & Flowers (1961), but known only from southern California, western Arizona, and Mexico; awaits verification.

parviflorum Gray = *Lycium berlandieri* Dunal var. *parviflorum* (Gray) Terracciono

torreyi Gray [Hitchcock 1932; M&H; W&S]

Torrey's wolfberry

vulgare (Aiton) Dunal = *Lycium barbarum* Linnaeus

Margaranthus purpurascens Rydberg = *Physalis solanaceus* (Schlechtendal) Axelius

solanaceus Schlechtendal = *Physalis solanaceus* (Schlechtendal) Axelius

Nicotiana tobacco

Goodspeed, T.H. 1954. The genus *Nicotiana*. Chronica Botanica 16:1-536.

attenuata Torrey ex S. Watson [M&H; W&S]

coyote tobacco

**glauca* Graham [M&H; W&S]

tree tobacco

*rustica Linnaeus : Reported for NM by Fernald (1950), but not mentioned by any other southwestern works; perhaps refers to *Nicotiana trigonophylla*; needs verification.

trigonophylla Dunal [M&H; W&S]
desert tobacco

Petunia parviflora Jussieu = *Calibrachoa parviflora* (Jussieu) D'Arcy

Physalis ground-cherry

Axelius, B. 1995. A new combination in *Physalis* (Solanaceae). *Phytologia* 79(1):10-11.

Heil, K.D. & S.L. O'Kane, Jr. 2003. Catalog of the Four Corners flora: Vascular plants of the San Juan River drainage, Arizona, Colorado, New Mexico and Utah. *Harvard Papers in Botany* 7(2):321-379.

Kartesz, J.T. & K.N. Gandhi. 1994. Nomenclatural notes for the North American flora. XIII. *Phytologia* 76(6):441-457. [*Physalis ixocarpa*]

Menzel, M.Y. 1951. The cytotaxonomy and genetics of *Physalis*. *Proc. Amer. Phil. Soc.* 95:134-185.

Sullivan, J.R. 1985. Systematics of the *Physalis viscosa* complex (Solanaceae). *Syst. Bot.* 10(4):426-444.

Waterfall, U.T. 1958. A taxonomic study of the genus *Physalis* in North America north of Mexico. *Rhodora* 60:107-114, 128-142, 152-173.

angulata Linnaeus [M&H; W&S]

cut-leaf ground-cherry

Physalis angulata Linnaeus var. *lanceifolia* (Nees) Waterfall

Physalis lanceifolia Nees

angulata Linnaeus var. *lanceifolia* (Nees) Waterfall = *Physalis angulata* Linnaeus

caudella Standley [M&H]

southwestern ground-cherry

cinerascens (Dunal) A.S. Hitchcock var. ***cinerascens*** [M&H; Sullivan 1985; W&S]

Texas ground-cherry

Physalis cinerascens (Dunal) A.S. Hitchcock

Physalis mollis Nuttall var. *cinerascens* (Dunal) Gray

Physalis pennsylvanica Linnaeus var. *cinerascens* Dunal

Physalis viscosa Linnaeus var. *cinerascens* (Dunal) Waterfall

comata Rydberg = *Physalis hederifolia* Gray var. *comata* (Rydberg) Waterfall

crassifolia Benthham : Reported by Heil & O'Kane (2003), but this mostly a Mohave/Sonoran desert species; awaits verification.

fendleri A. Gray var. *cordifolia* Gray = *Physalis hederifolia* Gray var. *cordifolia* (Gray) Waterfall

foetens Poirlet var. ***neomexicana*** (Rydberg) Waterfall ex Kartesz & Ghandi [M&H; W&S]

New Mexico ground-cherry

Physalis neomexicana Rydberg

hederifolia Gray var. ***comata*** (Rydberg) Waterfall [M&H; W&S]

ivy-leaf ground-cherry

Physalis comata Rydberg

hederifolia Gray var. ***fendleri*** (Gray) Cronquist [M&H; W&S]

ivy-leaf ground-cherry

Physalis fendleri Gray

Physalis fendleri Gray var. *cordifolia* Gray

Physalis hederifolia Gray var. *cordifolia* (Gray) Waterfall

hederifolia Gray var. *fendleri* (Gray) Cronquist = *Physalis hederifolia* Gray var. *fendleri* (Gray) Cronquist

hederifolia Gray var. ***hederifolia*** [M&H; W&S]

ivy-leaf ground-cherry

heterophylla Nees : Reported as expected by M&H map; awaits verification.

hispida (Waterfall) Cronquist [M&H]

prairie ground-cherry

Physalis lanceolata sensu W&S

Physalis virginiana Miller var. ***hispida*** Waterfall

ixocarpa Brotero ex Hornemann [M&H; W&S]

Mexican ground-cherry

lanceifolia Nees = *Physalis angulata* Linnaeus var. *lanceifolia* (Nees) Waterfall

lanceolata sensu W&S = *Physalis hispida* (Waterfall) Cronquist

lobata Torrey = *Quincula lobata* (Torrey) Rafinesque

longifolia Nuttall var. ***longifolia*** [M&H; W&S]

long-leaf ground-cherry

Physalis pumila Nuttall var. *sonorae* Torrey

Physalis virginiana Miller var. *sonorae* (Torrey) Waterfall

longifolia Nuttall var. ***subglabrata*** (Mackenzie & Bush) Cronquist [M&H; W&S]

long-leaf ground-cherry

Physalis macrophysa Rydberg

Physalis virginiana Miller var. *subglabrata* (Mackenzie & Bush) Waterfall

macrophysa Rydberg = *Physalis longifolia* Nuttall var. *subglabrata* (Mackenzie & Bush) Cronquist

mollis Nuttall var. *cinerascens* (Dunal) Gray = *Physalis cinerascens* (Dunal) A.S. Hitchcock var. *cinerascens*

neomexicana Rydberg = *Physalis foetens* Poirlet var. *neomexicana* (Rydberg) Waterfall

pennsylvanica Linnaeus var. *cinerascens* Dunal = *Physalis cinerascens* (Dunal) A.S. Hitchcock var. *cinerascens*

polyphylla Greene = *Physalis virginiana* Miller var. *polyphylla* (Greene) Waterfall

pubescens Linnaeus var. ***integrifolia*** (Dunal) Waterfall [M&H; W&S]

husk-tomato

pumila Nuttall var. *sonorae* Torrey = *Physalis longifolia* Nuttall var. *longifolia*

solanaceus (Schlechtendal) Axelius [M&H; W&S]

netted globe-cherry

Margaranthus purpurascens Rydberg

Margaranthus solanaceus Schlechtendal

+**virginiana** Miller var. **campaniforma** Waterfall [M&H]

bell-flower ground-cherry

virginiana Miller var. *hispida* Waterfall = *Physalis hispida* (Waterfall) Cronquist

virginiana Miller var. **polyphylla** (Greene) Waterfall [M&H]

Virginia ground-cherry

Physalis polyphylla Greene

virginiana Miller var. *sonorae* (Torrey) Waterfall = *Physalis longifolia* Nuttall var. *longifolia*

virginiana Miller var. *subglabrata* (Mackenzie & Bush) Waterfall = *Physalis longifolia* Nuttall var. *subglabrata* (Mackenzie & Bush) Cronquist

viscosa Linnaeus var. *cinerascens* (Dunal) Waterfall = *Physalis cinerascens* (Dunal) A.S. Hitchcock var. *cinerascens*

wrightii Gray [M&H; W&S]

Wright's ground-cherry

Quincula ground-cherry

lobata (Torrey) Rafinesque [M&H; W&S]

Chinese lanterns

Physalis lobata Torrey

Salpichroa origanifolia (Lamarck) Baillon, lily-of-the-valley-vine, has been found growing on White Sands Missile Range (Doña Ana County), along a residential fence; it is not yet known as an escape in NM.

Solanum nightshade, horsenettle

Correll, D.S. 1962. The potato and its wild relatives : section *Tuberarium* of the genus *Solanum*. Texas Research Foundation, Renner, Texas. [*Solanum bulbocastanum*]

Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4. [*Solanum dulcamara*]

Schilling, E.E. 1981. Systematics of *Solanum* sect. *Solanum* (Solanaceae) in North America. Syst. Bot. 6(2):172-185.

Schilling, E.E. & C.B. Heiser. 1979. Crossing relationships among diploid species of the *Solanum nigrum* complex in North America. Amer. J. Bot. 66:709-716.

Spellenberg, R. 2001. New plant distribution records. The New Mexico Botanist 19:3. [*Solanum dimidiatum*]

Spellenberg, R. 2003. Prickly problems. The New Mexico Botanist 25:8. [*Solanum carolinense*]

Spooner, D.M., R.G. van den Berg, A. Rodriguez, J. Bamberg, R.J. Hijmans, & S.I. Lara Cabrera. 2004. Wild potatoes (*Solanum* section *Petota*; Solanaceae) of North and Central America. Systematic Botany Monographs 68:1-209.

Stebbins, G.L. & E.F. Paddock. 1949. The *Solanum nigrum* complex in Pacific North America. Madroño 10:70-81.

Whalen, M.D. 1976. New taxa of *Solanum*, section *Androceras* from Mexico and adjacent United States. Wrightia 5(7):228-239.

Whalen, M.D. 1979. Taxonomy of *Solanum* sect. *Androceras*. Gent. Herb. 11:359-426.

americanum Miller = *Solanum nigrum* L.

arizonicum Parish = *Solanum douglasii* Dunal

bulbocastanum Dunal [Correll 1952] Note: Correll (1952) calls attention to the questionable collection of this species from San Miguel County (G); perhaps the specimen represents a one-time escape that has not persisted?

ornamental nightshade

***carolinense** Linnaeus [Spellenberg 2003]

Carolina horse-nettle

citrullifolium A. Braun : Reported by Great Plains Flora Association (1977, atlas), but the plants in question were corrected to *Solanum heterodoxum* Dunal var. *setigeroides* M.D. Whalen (Great Plains Flora Association 1986).

coniodes Moricand ex Dunal = *Chamaesaracha coniodes* (Moricand ex Dunal) Britton

coronopus Dunal = *Chamaesaracha coronopus* (Dunal) Gray

***dimidiatum** Rafinesque [Spellenberg 2001]

western horse-nettle

douglasii Dunal [M&H; W&S]

Arizona nightshade

Solanum arizonicum Parish

***dulcamara** Linnaeus [Heil et al. 2002]

climbing nightshade

elaeagnifolium Cavanilles [M&H; W&S]

silverleaf nightshade

fendleri Gray ex Torrey = *Solanum stoloniferum* Schlechtendal

heterodoxum Dunal var. *heterodoxum* of NM reports = *Solanum heterodoxum* Dunal var. *novomexicanum* Bartlett

heterodoxum Dunal var. **novomexicanum** Bartlett [M&H; W&S]

melon-leaf nightshade

Androcera novomexicana (Bartlett) Wootton & Standley

Solanum heterodoxum Dunal var. *heterodoxum* of NM reports

heterodoxum Dunal var. **setigeroides** M.D. Whalen [Whalen 1976, 1979]

melon-leaf nightshade

interius Rydberg = *Solanum nigrum* Linnaeus

jamesii Torrey [M&H; Schilling 1981; W&S]

- wild potato
***nigrum** Linnaeus [M&H; W&S]
 black nightshade
Solanum americanum Miller
Solanum interius Rydberg
Solanum ptychanthum Dunal
physalifolium Rusby = *Solanum sarrachoides* Sendtner
ptychanthum Dunal = *Solanum nigrum* Linnaeus
rostratum Dunal [M&H; W&S]
 buffalo-bur
Androcera rostrata (Dunal) Rydberg
***sarrachoides** Sendtner [M&H; W&S]
 hairy nightshade
Solanum physalifolium Rusby
Solanum villosum sensu W&S
stoloniferum Schlectendal [M&H; W&S]
 Fendler's nightshade
Solanum fendleri Gray ex Torrey
***triflorum** Nuttall [M&H; W&S]
 cut-leaf nightshade
villosum sensu W&S = *Solanum sarrachoides* Sendtner

Family STERCULIACEAE

- Ayenia** ayenia
 Cristobal, C.L. 1960. Revision del genero *Ayenia* (Sterculiaceae). Lilloana 4:1-230.
filiformis S. Watson [Cristobal 1960]
 Trans-Pecos ayenia
microphylla Gray [Cristobal 1960; M&H]
 dense ayenia
pilosa Cristobal [Cristobal 1960]
 hairy ayenia
pusilla Linnaeus : Reported by M&H, but not occurring in NM (Cristobal 1960).

Family TAMARICACEAE

- Tamarix** saltcedar, tamarisk
 Allred, K.W. 2002. Identification and taxonomy of *Tamarix* (Tamaricaceae) in New Mexico. Desert Plants 18(2):26-32.
 Gaskin, J.F. & B.A. Schaal. 2003. Molecular phylogenetic investigation of U.S. invasive *Tamarix*. Syst. Bot. 28(1):86-95.
 *aphylla (Linnaeus) Karsten (athel tamarisk) : Cultivated as a landscape ornamental in southern NM, but not known to escape.
***chinensis** Loureiro [Allred 2002; M&H]
 saltcedar
Tamarix pentandra Pallas, nom. illeg.
Tamarix ramosissima Ledebour
***gallica** Linnaeus [Allred 2002; M&H; W&S]
 French tamarisk
***parviflora** A.P. de Candolle [Allred 2002]
 small-flowered tamarisk
pentandra Pallas = *Tamarix chinensis* Loureiro
ramosissima Ledebour = *Tamarix chinensis* Loureiro

Family ULMACEAE

- Sherman-Broyles, S.L., W.T. Barker, & L.M. Schulz. 1997. Ulmaceae, pp. 368-380. IN: Flora of North America, vol. 3. Oxford University Press.
Celtis hackberry
 Sargent, C.S. 1933. Manual of the trees of North America. Houghton Mifflin Co. [*Celtis laevigata texana*]
 Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. Sida 11(4):455-470. [*Celtis occidentalis*]
 Whittemore, A.T. 2005. Genetic structure, lack of introgression, and taxonomic status in the *Celtis laevigata* – *C. reticulata* complex (Cannabaceae). Syst. Bot. 30(4):809-817.
laevigata Willdenow var. *reticulata* (Torrey) L. Benson = *Celtis reticulata* Torrey
laevigata Willdenow var. *texana* Sargent [Sargent 1933]
 sugar-berry
***occidentalis** Linnaeus [Spellenberg et al. 1986]
 common hackberry
pallida Torrey [M&H; Sherman-Broyles et al. 1997]
 spiny hackberry
reticulata Torrey [M&H; Sherman-Broyles et al. 1997; W&S]
 western hackberry
Celtis laevigata Willdenow var. *reticulata* (Torrey) L. Benson

Ulmus elm
**pumila* Linnaeus [M&H; Sherman-Broyles et al. 1997]
Siberian elm

Family UMBELLIFERAE = APIACEAE

Family URTICACEAE

Boufford, D.E. 1992. Urticaceae. J. Ariz.-Nev. Acad. Sci. 26(1):42-49.
Boufford, D.E. 1997. Urticaceae, pp. 400-413. IN: Flora of North America, vol. 3. Oxford University Press.

Boehmeria false-nettle
cylindrica (Linnaeus) Swartz [Boufford 1997; M&H; W&S]
false-nettle
Boehmeria cylindrica (Linnaeus) Swartz var. *drummondiana* Weddell
Boehmeria scabra (Porter) Small
Urtica cylindrica Linnaeus
cylindrica (Linnaeus) Swartz var. *drummondiana* Weddell = *Boehmeria cylindrica* (Linnaeus) Swartz
scabra (Porter) Small = *Boehmeria cylindrica* (Linnaeus) Swartz

Parietaria pellitory
floridana auct. non Nuttall = *Parietaria hespera* B.D. Hinton var. *hespera*
hespera B.D. Hinton var. *hespera* [Boufford 1997; M&H; W&S]
pellitory
Parietaria floridana auct. non Nuttall
Parietaria obtusa Rydberg
obtusa Rydberg = *Parietaria hespera* B.D. Hinton var. *hespera*
pensylvanica Muhlenberg ex Willdenow [Boufford 1997; M&H; W&S]
Pennsylvania pellitory

Urtica nettle
Woodland, D.W. 1982. Biosystematics of the perennial North American taxa of *Urtica*. II. Taxonomy. Syst. Bot. 7(3):282-290.
cylindrica Linnaeus = *Boehmeria cylindrica* (Linnaeus) Swartz
**dioica* Linnaeus subsp. *gracilis* (Aiton) Selander [Boufford 1997; M&H; W&S]
stinging nettle
Urtica gracilis Aiton
**dioica* Linnaeus subsp. *holosericea* (Nuttall) Thorne [Boufford 1997; M&H]
stinging nettle
Urtica serra sensu M&H
gracilenta Greene [Boufford 1997; M&H; W&S]
mountain nettle
gracilis Aiton = *Urtica dioica* Linnaeus subsp. *gracilis* (Aiton) Selander
serra sensu M&H = *Urtica dioica* Linnaeus subsp. *holosericea* (Nuttall) Thorne
**urens* Linnaeus [Boufford 1997]
burning nettle

Family VACCINIACEAE = ERICACEAE

Family VALERIANACEAE

Cronquist, A. 1984. Valerianaceae, pp. 545-550. IN: Intermountain Flora, vol. 4. New York Botanical Garden.
Ferguson, I.K. 1965. The genera of Valerianaceae and Dipsacaceae in the southeastern United States. J. Arnott Arbor. 46:218-231.

Valeriana valerian
Hershey, A.L. 1940. Notes on New Mexico plants -- II. Leaflets of Western Botany 2(15):257-258. [*Valeriana texana*]
McIntosh, L. 1996. Seven additions to the flora of New Mexico. Phytologia 81(5):365-368. [*Valeriana sorbifolia*]
Meyer, F.G. 1951. *Valeriana* in North America and the West Indies (Valerianaceae). Ann. Missouri Bot. Gard. 38:377-503.

acutiloba Rydberg [M&H; W&S]
Rocky Mountain valerian
Valeriana capitata Pallas ex Link subsp. *acutiloba* (Rydberg) F.G. Meyer
acutiloba Rydberg var. *ovata* (Rydberg) A. Nelson = *Valeriana arizonica* Gray
arizonica Gray [M&H; W&S]
Arizona valerian
Valeriana acutiloba Rydberg var. *ovata* (Rydberg) A. Nelson
Valeriana ovata Rydberg
capitata Pallas ex Link subsp. *acutiloba* (Rydberg) F.G. Meyer = *Valeriana acutiloba* Rydberg
edulis Nuttall ex Torrey & Gray [M&H; W&S]
tobacco-root
Valeriana trachycarpa Rydberg
occidentalis Heller : Reported as expected by M&H; awaits verification.
ovata Rydberg = *Valeriana arizonica* Gray
sorbifolia Humboldt, Bonpland, & Kunth [McIntosh 1996]
pineland valerian

texana Steyermark [Hershey 1940; M&H]
Guadalupe valerian
trachycarpa Rydberg = *Valeriana edulis* Nuttall

Family VERBENACEAE

Moldenke, H.N. 1980. A sixth summary of the Verbenaceae, Avicenniaceae, Stilbaceae, Chloanthaceae, Symphoremaceae, Nyctanthaceae, and Eriocaulaceae of the world as to valid taxa, geographic distribution and synonymy. *Phytologia Memoirs* 11:54-55 (New Mexico).

Aloysia beebush

Armada, J. & A. Barria. 1992. On *Aloysia* Palau. *Taxon* 41:88-90.

gratissima (Gillies & Hooker) Troncoso [M&H; Moldenke 1980]
white beebush

Aloysia lycioides Chamisso

Lippia lycioides (Chamisso) Steudel

lycioides Chamisso = *Aloysia gratissima* (Gillies & Hooker) Troncoso

wrightii (Gray) Heller ex Abrams [M&H; W&S]

Wright's beebush

Lippia wrightii Gray

Bouchea groove-stem

McIntosh, L. 1996. Seven additions to the flora of New Mexico. *Phytologia* 81(5):365-368. [*Bouchea prismatica*]

linifolia A. Gray [Moldenke 1980]

needle-leaf groove-stem

prismatica O. Kuntze var. ***brevirostra*** Grenzebach [McIntosh 1996]

prism groove-stem

Glandularia vervain

Turner, B.L. 1998. Texas species of *Glandularia* (Verbenaceae). *Lundellia* 1:3-16.

Turner, B.L. & A.M. Powell. 2005. Chromosome numbers of *Glandularia* (Verbenaceae) from central and Trans-Pecos Texas. *Sida* 21(3):1657-1661.

Umber, R.E. 1979. The genus *Glandularia* (Verbenaceae) in North America. *Syst. Bot.* 4:72-102.

bipinnatifida (Nuttall) Nuttall var. ***bipinnatifida*** [Umber 1979; M&H]

Dakota vervain

Glandularia bipinnatifida (Nuttall) Nuttall var. *ciliata* (Bentham) Turner

Verbena ambrosifolia Rydberg

Verbena bipinnatifida Nuttall

Verbena ciliata Bentham var. *ciliata*

Verbena ciliata Bentham var. *pubera* (Greene) Perry

Verbena pubera Greene

bipinnatifida (Nuttall) Nuttall var. ***brevispicata*** Umber [M&H; Umber 1979; W&S]

Dakota vervain

bipinnatifida (Nuttall) Nuttall var. *ciliata* (Bentham) Turner = *Glandularia bipinnatifida* (Nuttall) Nuttall var. *bipinnatifida*

canadensis (Linnaeus) Nuttall [Moldenke 1980]

rose vervain

Verbena canadensis (Linnaeus) Britton

chiricahensis Umber [Umber 1979]

Chiricahua vervain

goodingii (Briquet) Solbrig [Umber 1979; M&H]

Goodding's vervain

Verbena arizonica Briquet

Verbena bipinnatifida Nuttall var. *goodingii* (Briquet) Jepson

Verbena goodingii Briquet var. *goodingii*

Verbena goodingii Briquet var. *nepetifolia* Tidestrom

****pulchella*** (Sweet) Troncoso [Allred 1999]

moss vervain

Glandularia tenuisecta (Briquet) Small

Verbena tenuisecta Briquet

pumila (Rydberg) Umber [Umber 1979; M&H]

pink vervain

Verbena pumila Rydberg

quadrangulata (Heller) Umber [Umber 1979; M&H]

beaked vervain

Verbena racemosa Eggert

tenuisecta (Briquet) Small = *Glandularia pulchella* (Sweet) Troncoso

tumidula (Perry) Umber [Umber 1979; M&H]

plains vervain

Verbena tumidula Perry

wrightii (Gray) Umber s.s. : Known from west Texas, but not yet verified from NM

wrightii of many authors, not (Gray) Umber = *Glandularia bipinnatifida* (Nuttall) Nuttall; *Glandularia wrightii* (Gray) Umber s.s. is known from west Texas.

Goniostachyum graveolens (Humboldt, Bonpland, & Kunth) Small = *Lippia graveolens* Humboldt, Bonpland, & Kunth

Lantana lantana
achyranthifolia Desfontaines [Moldenke 1980]
 southwestern lantana
Lantana macropoda Torrey
urticoides Hayek [Moldenke 1980]
 West Indies lantana
Lantana horrida sensu Moldenke, non Kunth

Lippia mat-grass
berlandieri Schauer = *Lippia graveolens* Humboldt, Bonpland, & Kunth
cuneifolia (Torrey) Steudel = *Phyla cuneifolia* (Torrey) Greene
graveolens Humboldt, Bonpland, & Kunth [Moldenke 1980]
 scented mat-grass
Goniostachyum graveolens (Humboldt, Bonpland, & Kunth) Small
Lippia berlandieri Schauer
incisa (Small) Tidestrom = *Phyla nodiflora* (Linnaeus) Greene
lanceolata Michaux = *Phyla lanceolata* (Michaux) Greene
lycioides (Chamisso) Steudel = *Aloysia gratissima* (Gillies & Hooker) Troncoso
nodiflora (Linnaeus) Michaux var. *rosea* (D. Don) Munz = *Phyla nodiflora* (Linnaeus) Greene
wrightii Gray = *Aloysia wrightii* (Gray) Heller

Phyla frogfruit
cuneifolia (Torrey) Greene [M&H; W&S]
 wedgeleaf
Lippia cuneifolia (Torrey) Steudel
Zapania cuneifolia Torrey
incisa Small = *Phyla nodiflora* (Linnaeus) Greene
lanceolata (Michaux) Greene [M&H; W&S]
 northern frogfruit
Lippia lanceolata Michaux
 **nodiflora* (Linnaeus) Greene [M&H; W&S]
 turkey-tangle
Lippia incisa (Small) Tidestrom
Lippia nodiflora (Linnaeus) Michaux var. *rosea* (D. Don) Munz
Phyla incisa Small
Phyla nodiflora (Linnaeus) Greene var. *rosea* (D. Don) Moldenke
Verbena nodiflora Linnaeus
Zappania nodiflora (Linnaeus) Lamarck var. *rosea* D. Don
nodiflora (Linnaeus) Greene var. *rosea* (D. Don) Moldenke = *Phyla nodiflora* (Linnaeus) Greene

Tetraclea wrinklefruit
 Moldenke, H.N. 1981. Notes on the genus *Tetraclea* (Verbenaceae). *Phytologia* 48(5): 397-413.
angustifolia Wooton & Standley = *Tetraclea coulteri* Gray var. *angustifolia* (Wooton & Standley) A. Nelson & Macbride
coulteri Gray var. *angustifolia* (Wooton & Standley) A. Nelson & Macbride [M&H; W&S]
 Coulter's wrinklefruit
Tetraclea angustifolia Wooton & Standley
coulteri Gray var. *coulteri* [M&H; W&S]
 Coulter's wrinklefruit

Verbena vervain
 Allred, K.W. 1999. New plant distribution records. *The New Mexico Botanist* 13:7. [*Verbena tenuisecta*]
 Barber, S.C. 1982. Taxonomic studies in the *Verbena stricta* complex (Verbenaceae). *Syst. Bot.* 7(4):433-456.
 McIntosh, L. 1996. Seven additions to the flora of New Mexico. *Phytologia* 81(5):365-368. [*Verbena gracilis*]
 Turner, B.L. 1998. Texas species of *Glandularia* (Verbenaceae). *Lundellia* 1:3-16.
 Umber, R.E. 1979. The genus *Glandularia* (Verbenaceae) in North America. *Syst. Bot.* 4:72-102.
ambrosifolia Rydberg = *Glandularia bipinnatifida* (Nuttall) Nuttall var. *ciliata* (Benth) Turner
arizonica Briquet = *Glandularia gooddingii* (Briquet) Solbrig
bipinnatifida Nuttall = *Glandularia bipinnatifida* (Nuttall) Nuttall
bipinnatifida Nuttall var. *gooddingii* (Briquet) Jepson = *Glandularia gooddingii* (Briquet) Solbrig
bracteata Lagasca & Rodríguez [M&H; W&S]
 carpet vervain
Verbena bracteata Lagasca var. *brevibracteata* Gray
Verbena bracteosa Michaux
Verbena confinis Greene
Verbena imbricata Wooton & Standley
bracteata Lagasca var. *brevibracteata* Gray = *Verbena bracteata* Lagasca & Rodríguez
bracteosa Michaux = *Verbena bracteata* Lagasca & Rodríguez
canadensis (Linnaeus) Britton = *Glandularia canadensis* (Linnaeus) Nuttall
 canescens Kunth : Reported by Kartesz (1999) without documentation; awaits verification.
canescens Humboldt, Bonpland, & Kunth var. *neomexicana* Gray = *Verbena neomexicana* (Gray) Small var. *neomexicana*
ciliata Benth var. *ciliata* = *Glandularia bipinnatifida* (Nuttall) Nuttall var. *ciliata* (Benth) Turner
ciliata Benth var. *longidentata* Perry [= *Glandularia polyantha* Umber] : Not occurring in NM.

ciliata Benth. var. *pubera* (Greene) Perry = *Glandularia bipinnatifida* (Nuttall) Nuttall var. *ciliata* (Benth.) Turner
confinis Greene = *Verbena bracteata* Lagasca & Rodriguez
gooddingii Briquet var. *gooddingii* = *Glandularia gooddingii* (Briquet) Solbrig
gooddingii Briquet var. *nepetifolia* Tidestrom = *Glandularia gooddingii* (Briquet) Solbrig
gracilis Desfontaines [McIntosh 1996]

Huachuca vervain

halei Small [Moldenke 1980]

Texas vervain

hastata Linnaeus var. ***hastata*** [M&H; W&S]

arrowhead vervain

hastata Linnaeus var. ***scabra*** Moldenke [M&H]

arrowhead vervain

imbricata Wooton & Standley = *Verbena bracteata* Lagasca & Rodriguez

macdougalii Heller [M&H; W&S]

MacDougal's vervain

mentifolia Benth. [M&H]

mint vervain

neomexicana (Gray) Small var. ***hirtella*** Perry [M&H]

New Mexico vervain

neomexicana (Gray) Small var. ***neomexicana*** [M&H; W&S]

New Mexico vervain

Verbena canescens Humboldt, Bonpland, & Kunth var. *neomexicana* Gray

neomexicana (Gray) Small var. ***xylopoda*** Perry [M&H]

New Mexico vervain

nodiflora Linnaeus = *Phyla nodiflora* (Linnaeus) Greene

perennis Wooton [M&H; W&S]

Wooton's vervain

plicata Greene [M&H]

fan-leaf vervain

pubera Greene = *Glandularia bipinnatifida* (Nuttall) Nuttall var. *ciliata* (Benth.) Turner

pumila Rydberg = *Glandularia pumila* (Rydberg) Umber

racemosa Eggert = *Glandularia quadrangulata* (Heller) Umber

scabra Vahl [M&H]

sandpaper vervain

stricta Ventenat [M&H]

hoary vervain

tenuisecta Briquet = *Glandularia puchella* (Sweet) Troncoso

tumidula Perry = *Glandularia tumidula* (Perry) Umber

wrightii Gray = *Glandularia wrightii* (Gray) Umber

Vitex chaste-tree

Peterson, R.S. 2000. New plant distribution records. The New Mexico Botanist 15:7. [*Vitex agnus-castus*]

****agnus-castus*** Linnaeus [Peterson 2000]

chaste-tree

Zapania cuneifolia Torrey = *Phyla cuneifolia* (Torrey) Greene

nodiflora (Linnaeus) Lamarck var. *rosea* D. Don = *Phyla nodiflora* (Linnaeus) Greene

Family VIOLACEAE

Calceolaria verticillata (Ortega) Kuntze = *Hybanthus verticillatus* (Ortega) Baillon

Hybanthus baby-slippers

verticillatus (Ortega) Baillon [M&H; W&S]

baby-slippers

Calceolaria verticillata (Ortega) Kuntze

Viola verticillata Ortega

Viola violet

Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Viola bicolor*]

Baker, M.S. 1935. Studies in western violets - I. Madroño 3:51-56.

Baker, M.S. 1940. Studies in western violets - III. Madroño 5:218-231.

Baker, M.S. 1949. Studies in western violets - IV. Leafl. W. Bot. 5:141-156.

Brizicky, G.K. 1961. The genera of Violaceae in the southeastern United States. J. Arnold Arbor. 42:321-333.

Heil, K.D., S.L. O'Kane, & A. Clifford. 2002. Additions to the flora of New Mexico from the San Juan Basin Flora project. The New Mexico Botanist 24:1-4.

McKinney, L.E. 1992. A taxonomic revision of the acaulescent blue violets (*Viola*) of North America. Sida, Bot. Misc. 7:1-60.

Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. Sida 11(4):455-470.

Russell, N.H. 1965. Violets (*Viola*) of central and eastern United States: an introductory survey. Sida 2:1-113.

adunca J.E. Smith [M&H; W&S]

hooked violet

Viola adunca J.E. Smith var. *bellidiflora* (Greene) Harrington

Viola montanensis Rydberg

Viola puberula (S. Watson) Howell
Viola retroscabra Greene
adunca J.E. Smith var. *bellidiflora* (Greene) Harrington = *Viola adunca* J.E. Smith
arizonica Greene = *Viola sororia* Willdenow var. *affinis* (LeConte) McKinney
bicolor Pursh [Allred 1999]
 field pansy
Viola rafinesquii Greene
canadensis Linnaeus var. *canadensis* sensu NM authors = *Viola canadensis* Linnaeus var. *rugulosa* (Greene) C.L. Hitchcock
canadensis Linnaeus var. *neomexicana* (Greene) House = *Viola canadensis* Linnaeus var. *rugulosa* (Greene) C.L. Hitchcock
canadensis Linnaeus var. ***rugulosa*** (Greene) C.L. Hitchcock [M&H; W&S]
 Canadian violet
Viola canadensis Linnaeus var. *canadensis* sensu NM authors
Viola canadensis Linnaeus var. *neomexicana* (Greene) House
Viola rydbergii Greene
canadensis Linnaeus var. ***scopulorum*** Gray [M&H]
 Rocky Mountain violet
Viola scopulorum (Gray) Greene
guadalupensis A. Powell & B. Wauer : Reported by Kartesz (1999) without documentation; awaits verification.
macloskeyi Lloyd subsp. *pallens* (Banks ex Ging) M.S. Baker = *Viola sororia* Willdenow var. *sororia*
missouriensis Greene = *Viola sororia* Willdenow var. *missouriensis* (Greene) McKinney
montanensis Rydberg = *Viola adunca* J.E. Smith
nephrophylla Greene var. *arizonica* (Greene) Kearney & Peebles = *Viola sororia* Willdenow var. *affinis* (LeConte) McKinney
nephrophylla Greene var. *nephrophylla* = *Viola sororia* Willdenow var. *sororia*
nuttallii Pursh [Great Plains Flora Association 1977; M&H]
 Nuttall's violet
pallens (Banks ex Ging) Brainerd = *Viola sororia* Willdenow var. *sororia*
palmata Linnaeus [Spellenberg et al. 1986; McKinney 1992]
 whorled violet
Viola viarum Pollard
pedatifida G. Don [M&H; W&S]
 crow-foot violet
pinetorum Greene : Reported by W&S, not treated by M&H; needs clarification.
pratincola Greene = *Viola sororia* Willdenow var. *sororia*
puberula (S. Watson) Howell = *Viola adunca* J.E. Smith
rafinesquii Greene = *Viola bicolor* Pursh
reptans Robinson : Reported by W&S, but not occurring in NM
retroscabra Greene = *Viola adunca* J.E. Smith
retusa Greene = *Viola sororia* Willdenow var. *missouriensis* (Greene) McKinney
rydbergii Greene = *Viola canadensis* Linnaeus var. *rugulosa* (Greene) C.L. Hitchcock
scopulorum (Gray) Greene = *Viola canadensis* Linnaeus var. *scopulorum* Gray
selkirkii Pursh ex Goldie : Reported as expected by M&H map; awaits verification.
sororia Willdenow var. ***affinis*** (LeConte) McKinney [M&H; McKinney 1992]
 Arizona violet
Viola arizonica Greene
Viola nephrophylla Greene var. *arizonica* (Greene) Kearney & Peebles
sororia Willdenow var. ***missouriensis*** (Greene) McKinney [M&H; McKinney 1992; W&S]
 Missouri violet
Viola missouriensis Greene
Viola retusa Greene
sororia Willdenow var. ***sororia*** [M&H; McKinney 1992; W&S]
 streambank violet
Viola macloskeyi Lloyd subsp. *pallens* (Banks ex Ging) M.S. Baker
Viola nephrophylla Greene var. *nephrophylla*
Viola pallens (Banks ex Ging) Brainerd
Viola pratincola Greene
Viola wilmattae Pollard & Cockerell
verticillata Ortega = *Hybanthus verticillatus* (Ortega) Baillon
viarum Pollard = *Viola palmata* Linnaeus
wilmattae Pollard & Cockerell = *Viola sororia* var. *sororia*

Family VISCACEAE

Hawksworth, F.G. & D. Wiens. 1993. Viscaceae. p. 1092-1097, IN J.C. Hickman (editor). The Jepson Manual: Higher Plants of California. Univ. California Press.
 Peterson, R.S. 2005. Mistletoes (Viscaceae) of New Mexico. The New Mexico Botanist 33:3-4.

Arceuthobium dwarf-mistletoe

Hawksworth, F.G. & D. Wiens. 1972. Biology and Classification of Dwarf Mistletoes (*Arceuthobium*). USDA Agric. Handbook No. 401.

Hawksworth, F.G. & D. Wiens. 1996. Dwarf mistletoes: biology, pathology, and systematics. Agr. Handb. 709, USDA-For. Serv.

abietianum Engelmann ex Munz : Reported by Kartesz (1999) without documentation; awaits verification.

apachecum Hawksworth & Wiens [Hawksworth & Wiens 1996; M&H]

Apache dwarf-mistletoe

campylopodum Engelm in Gray forma *divaricatum* (Engelm) Gill = *Arceuthobium divaricatum* Engelm
campylopodum Engelm in Gray forma *microcarpum* (Engelm) Gill = *Arceuthobium microcarpum* (Engelm) Hawksworth & Wiens

divaricatum Engelm [Hawksworth & Wiens 1996; M&H; W&S]

piñon dwarf-mistletoe

Arceuthobium campylopodum Engelm in Gray forma *divaricatum* (Engelm) Gill
Razoumofskya divaricata (Engelm) Coville

douglasii Engelm [Hawksworth & Wiens 1996; M&H; W&S]

Douglas-fir dwarf-mistletoe

Razoumofskya douglasii (Engelm) Kuntze

douglasii Engelm var. *microcarpum* Engelm = *Arceuthobium microcarpum* (Engelm) Hawksworth & Wiens

gillii Hawksworth & Wiens [Hawksworth & Wiens 1996; M&H]

Huachuca dwarf-mistletoe

microcarpum (Engelm) Hawksworth & Wiens [Hawksworth & Wiens 1996; M&H; W&S]

spruce dwarf-mistletoe

Arceuthobium campylopodum Engelm in Gray forma *microcarpum* (Engelm) Gill
Arceuthobium douglasii Engelm var. *microcarpum* Engelm
Razoumofskya microcarpa (Engelm) Wooton & Standley

vaginatum (Willdenow) Presl subsp. ***cryptopodum*** (Engelm) Hawksworth & Wiens [Hawksworth & Wiens 1996; M&H; W&S]

pineland dwarf-mistletoe

Razoumofskya cryptopoda (Engelm) Coville

Phoradendron mistletoe

Hubbard, J.P. 1981. Extirpation of a population of desert mistletoe. Native Plant Society of New Mexico Newsletter 6(6):3.

Huff, C. 1996. New plant distribution records (*Brassica rapa*, *Fraxinus anomala*, *Phoradendron californicum*). The New Mexico Botanist 3:6.

Kuijt, J. 2003. Monograph of *Phoradendron* (Viscaceae). Syst. Bot. Monogr. 66:1-643.

Peterson, R.S. 2000. Juniper mistletoes: 1, 2, and Phsp.? The New Mexico Botanist 16:7. [*Phoradendron hawksworthii*]

Peterson, R.S. 2005. Mistletoes (Viscaceae) of New Mexico. The New Mexico Botanist 33:3-4.

Wiens, D. 1964. Revision of the acataphyllous species of *Phoradendron*. Brittonia 16:11-54.

Wiens, D. & F. Hawksworth. 2002. New species of *Phoradendron* (Viscaceae) from Mexico and Guatemala and a synopsis of species in section *Pauciflorae*. Aliso 21(1):33-43. [*Phoradendron hawksworthii*]

bolleanum sensu NM authors = *Phoradendron hawksworthii* Wiens

bolleanum (Seemann) Eichler var. *capitellatum* (Torrey ex Trelease) Kearney & Peebles = *Phoradendron capitellatum* Torrey ex Trelease

californicum Nuttall [Hubbard 1981; Huff 1996; M&H; Peterson 2005]

mesquite mistletoe

capitellatum Torrey ex Trelease [Kuijt 2003; M&H; Wiens 1964]

downy mistletoe

Phoradendron bolleanum (Seemann) Eichler var. *capitellatum* (Torrey ex Trelease) Kearney & Peebles

cockerellii Trelease = *Phoradendron macrophyllum* (Engelm) Cockerell

coryae Trelease [Kuijt 2003; M&H; Wiens 1964]

Cory's mistletoe

Phoradendron flavescens (Pursh) Nuttall var. *pubescens* Engelm

Phoradendron havardianum Trelease

Phoradendron villosum Nuttall

Phoradendron villosum Nuttall subsp. *coryae* (Trelease) Wiens

Phoradendron serotinum (Rafinesque) M.C. Johnston subsp. *tomentosum* (de Candolle) Kuijt

flavescens (Pursh) Nuttall var. *macrophyllum* Engelm = *Phoradendron macrophyllum* (Engelm) Cockerell

flavescens (Pursh) Nuttall var. *orbiculatum* (Engelm ex Gray) Engelm : Reported by M&H, but not occurring in NM (Kuijt 2003; Wiens 1964).

flavescens (Pursh) Nuttall var. *pubescens* Engelm = *Phoradendron coryae* Trelease

flavescens (Pursh) Nuttall var. *villosum* (Nuttall) Engelm = *Phoradendron coryae* Trelease

havardianum Trelease = *Phoradendron coryae* Trelease

hawksworthii Wiens [Wiens & Hawksworth 2002]

Hawksworth's mistletoe

Phoradendron bolleanum sensu NM authors

juniperinum Engelm ex Gray subsp. ***juniperinum*** [Kuijt 2003; M&H; W&S]

juniper mistletoe

macrophyllum (Engelm) Cockerell [Kuijt 2003; M&H; W&S; Wiens 1964]

Cockerell's mistletoe

Phoradendron cockerellii Trelease

Phoradendron flavescens (Pursh) Nuttall var. *macrophyllum* Engelm

Phoradendron serotinum (Rafinesque) M.C. Johnston subsp. *macrophyllum* (Engelm) Kuijt

orbiculatum Engelm ex Gray = *Phoradendron serotinum* (Rafinesque) M.C. Johnston subsp. *serotinum*

serotinum (Rafinesque) M.C. Johnston s.s. : Reported by M&H and W&S [as *Phoradendron flavescens* (Pursh) Nuttall var. *orbiculatum* (Engelm ex Gray) Engelm], but not occurring in NM (Kuijt 2003; Wiens 1964).

serotinum (Rafinesque) M.C. Johnston subsp. *macrophyllum* (Engelm) Kuijt = *Phoradendron macrophyllum* (Engelm) Cockerell

serotinum (Rafinesque) M.C. Johnston subsp. *tomentosum* (de Candolle) Kuijt = *Phoradendron coryae* Trelease

villosum Nuttall subsp. *coryae* (Trelease) Wiens = *Phoradendron coryae* Trelise
 Razoumofskyia cyanocarpa A. Nelson ex Rydberg [= *Arceuthobium cyanocarpum* (A. Nelson ex Rydberg) Coulter & A. Nelson : Reported by
 W&S, but not occurring in NM (Hawksworth & Wiens 1996).
divaricata (Engelmann) Coville = *Arceuthobium divaricatum* Engelmann
douglasii (Engelmann) Kuntze = *Arceuthobium douglasii* Engelmann
microcarpa (Engelmann) Wooton & Standley = *Arceuthobium microcarpum* (Engelmann) Hawksworth & Wiens
cryptopoda (Engelmann) Coville = *Arceuthobium vaginatum* (Willdenow) Presl subsp. *cryptopodum* (Engelmann) Hawksworth & Wiens

Family VITACEAE

Brizicky, G.K. 1965. The genera of Vitaceae in the southeastern United States. *J. Arnold Arbor.* 46:48-67.
 Gleason, H.A. 1947. The preservation of well known binomials. *Phytologia* 2:201-212.

Cissus peppervine
incisa (Nuttall) Des Moulins [M&H; W&S]
 peppervine
Vitis incisa Nuttall
inserta of NM authors, misapplied, not (Krener) K. Fritsch = *Parthenocissus vitacea* (Knerr) A.S. Hitchcock

Parthenocissus creeper
inserta of NM authors, misapplied, not (Krener) K. Fritsch = *Parthenocissus vitacea* (Knerr) A.S. Hitchcock
vitacea (Knerr) A.S. Hitchcock [M&H; W&S]
 thicket creeper
Ampelopsis quinquefolia Linnaeus var. *vitacea* Knerr
Parthenocissus inserta of NM authors, misapplied, not (Krener) K. Fritsch

Vitis grape
 Great Plains Flora Association. 1977. Atlas of the Flora of the Great Plains. Iowa State Univ. Press. 600 pp. [*Vitis riparia*]
 Moore, M.O. 1991. Classification and systematics of eastern North American *Vitis* L. (Vitaceae) north of Mexico. *Sida* 14(3):339-368.

acerifolia Rafinesque [M&H; Moore 1991]
 maple-leaf grape
Vitis longii Prince
Vitis nuevo-mexicana Lemmon ex Munson
arizonica Engelmann [M&H; W&S]
 Arizona grape, canyon grape
Vitis arizonica Engelmann var. *glabra* Munson
Vitis treleasei Munson
arizonica Engelmann var. *glabra* Munson = *Vitis arizonica* Engelmann
 ×doaniana Munson ex Viala : Reported by M&H, but probably does not occur in NM (Moore 1991).
longii Prince = *Vitis acerifolia* Rafinesque
monticola Buckley : Reported by M&H, but this species is endemic to the Edwards Plateau of central Texas (Moore 1991); awaits further
 verification.
nuevo-mexicana Lemmon ex Munson = *Vitis acerifolia* Rafinesque
riparia Michaux [Great Plains Flora Association 1977]
 riverbank grape
treleasei Munson = *Vitis arizonica* Engelmann
vulpina Linnaeus : Reported as expected by M&H; awaits verification.

Family ZYGOPHYLLACEAE

Covillea glutinosa (Engelmann) Rydberg = *Larrea tridentata* (Sessé & Mociño ex A.P. de Candolle) Coville
tridentata Vail = *Larrea tridentata* (Sessé & Mociño ex A.P. de Candolle) Coville

Kallstroemia caltrop
 Porter, D.M. 1969. The genus *Kallstroemia*. *Contr. Gray Herb. Harvard Univ.* 198:41-153.
brachystylis Vail = *Kallstroemia californica* (S. Watson) Vail
californica (S. Watson) Vail [M&H; Porter 1969; W&S]
 California caltrop
Kallstroemia brachystylis Vail
Kallstroemia californica (S. Watson) Vail var. *brachystylis* (Vail) Kearney & Peebles
californica (Wats) Vail var. *brachystylis* (Vail) Kearney & Peebles = *Kallstroemia californica* (S. Watson) Vail
grandiflora Torrey ex Gray [M&H; Porter 1969; W&S]
 orange caltrop
hirsutissima Vail ex Small [M&H; Porter 1969; W&S]
 hairy caltrop
intermedia Rydberg = *Kallstroemia parviflora* Norton
laetevirens Thornber = *Kallstroemia parviflora* Norton
maxima sensu M&H = *Kallstroemia parviflora* Norton
parviflora Norton [Porter 1969; W&S]
 warty caltrop
Kallstroemia intermedia Rydberg
Kallstroemia laetevirens Thornber
Kallstroemia maxima sensu M&H

Larrea creosote-bush

Mabry, T.J., J.H. Hunziker, & D.R. DiFeo, Jr. (eds.). 1977. Creosote Bush: biology and chemistry of *Larrea* in New World deserts. Halsted Press, Stroudsburg, Pa.

mexicana Moricand = *Larrea tridentata* (Sessé & Mociño ex A.P. de Candolle) Coville var. *tridentata*

tridentata (Sessé & Mociño ex A.P. de Candolle) Coville var. *tridentata* [M&H; W&S]

creosote-bush

Covillea glutinosa (Engelmann) Rydberg

Covillea tridentata Vail

Larrea mexicana Moricand

Zygophyllum tridentatum Sessé & Mociño ex A.P. de Candolle

Peganum African-rue

**harmala* Linnaeus [M&H]

African-rue

mexicanum Gray : Reported for NM on various lists, but no specimens have been located.

Tribulus puncture-vine

**terrestris* Linnaeus [M&H; W&S]

puncture-vine

Zygophyllum bean-caper

**fabago* Linnaeus [M&H]

Syrian bean-caper

tridentatum Sessé & Mociño ex A.P. de Candolle = *Larrea tridentata* (A.P. de Candolle) Coville var. *tridentata*

ANGIOSPERMS

Monocotyledonous Plants

Family AGAVACEAE

[Dracaenaceae]

Bogler, D.J. & B.B. Simpson. 1995. A chloroplast DNA study of the Agavaceae. Syst. Bot. 20(2):191-205.

Agave agave

Freeman, C.E. 1973. A new record of lechuguilla (*Agave lecheguilla*: Agavaceae) in New Mexico. Southwest. Nat. 17(4):423.

Gentry, H.S. 1982. Agaves of Continental North America. University of Arizona Press, Tucson. 670 pp.

Reveal, J.L. & W.C. Hodgson. 2002. *Agave*, pp. 442-461. IN: Flora of North America, vol. 26. Oxford University Press, New York.

americana Linnaeus var. *latifolia* Torrey = *Agave parryi* Engelm

geminiflora (Tagl.) Ker-Gawler var. *sonorae* Torrey = *Agave schottii* Engelm

gracilipes Trelease [Gentry 1982; Reveal & Hodgson 2002]

slimfoot agave

lechuguilla Torrey [Gentry 1982; M&H; Reveal & Hodgson 2002; W&S]

lechuguilla

neomexicana Wooton & Standley = *Agave parryi* Engelm var. *neomexicana* (Wooton & Standley) B. Ullrich

palmeri Engelm [Gentry 1982; M&H; Reveal & Hodgson 2002; W&S]

Palmer's agave

parryi Engelm var. ***parryi*** [Gentry 1982; M&H; Reveal & Hodgson 2002; W&S]

Parry's agave

Agave americana Linnaeus var. *latifolia* Torrey

parryi Engelm var. ***neomexicana*** (Wooton & Standley) B. Ullrich [M&H; Gentry 1982; W&S]

New Mexico agave

Agave neomexicana Wooton & Standley

schottii Engelm [Gentry 1982; M&H; Reveal & Hodgson 2002; W&S]

Schott's agave

Agave geminiflora (Tagl.) Ker-Gawler var. *sonorae* Torrey

Dasyilirion = see Nolinaceae

Nolina = see Nolinaceae

Yucca yucca

Benson, L. & R.A. Darrow. 1981. Trees and Shrubs of the Southwestern Deserts. 3rd ed. Univ. Arizona Press. 416 p.

Hall, H.H. & S. Flowers. 1961. Vascular plants found in the Navajo Reservoir Basin, pp. 47-87. IN: D.M. Pendergast (ed.). Ecological studies of the flora and fauna of Navajo Reservoir Basin, Colorado and New Mexico. Univ. Utah Anthropological Papers, number 55. [*Yucca whipplei*]

Hess, W.J. & R.L. Robbins. 2002. *Yucca*, pp. 423-439. IN: Flora of North America, vol. 26. Oxford University Press, New York.

Johnson, M.B. 2000. Observations on some Chihuahuan Desert Yuccas. Desert Plants 16(1):14-19.

Lenz, L.W. & M.A. Hanson. 2000. Typification and change in status of *Yucca schottii* (Agavaceae). Aliso 19(1):93-98.

Lenz, L.W. & M.A. Hanson. 2001. *Yuccas* (Agavaceae) of the international four corners: southwestern USA and northwestern Mexico. Aliso 19(2):165-179.

McKelvey, S.D. 1934, 1947. Yuccas of the southwestern United States. [part 1, 1934; part 2, 1947]. Arnold Arboretum, Jamaica Plain, Massachusetts.

Webber, J.M. 1953. Yuccas of the Southwest. USDA Agric. Monogr. No. 17.

angustifolia Pursh = *Yucca glauca* Nuttall

angustissima Engelm ex Trelease var. ***angustissima*** [Hess & Robbins 2002; M&H]

fine-leaf yucca

arizonica McKelvey = *Yucca baccata* Torrey var. *brevifolia* (Schott) Benson & Darrow

baccata Torrey var. ***baccata*** [Hess & Robbins 2002; M&H; W&S]

banana yucca

baccata Torrey var. ***brevifolia*** (Schott ex Torrey) Benson & Darrow [Benson & Darrow 1981; Hess & Robbins 2002]

banana yucca

Yucca arizonica McKelvey

baccata Torrey var. *macrocarpa* Torrey = *Yucca treculeana* Carrière

baileyi Wooton & Standley var. ***baileyi*** [Hess & Robbins 2002; M&H; W&S]

Bailey's yucca

Yucca standleyi McKelvey

+***baileyi*** Wooton & Standley var. ***intermedia*** (McKelvey) Reveal [Hess & Robbins 2002; McKelvey 1934]

Bailey's yucca

Yucca intermedia McKelvey

Yucca intermedia McKelvey var. *ramosa* McKelvey

baileyi Wooton & Standley var. ***navajoa*** (Webber) Webber [Hess & Robbins 2002; M&H; Webber 1953]

Navajo yucca

Yucca navajoa Webber

campestris McKelvey [M&H; McKelvey 1934] Note: Hess & Robbins (2002) restricted this taxon to Texas; the identity of our plants perhaps warrants investigation.

plains yucca

elata Engelm [Hess & Robbins 2002; M&H; W&S]

soaptree yucca
faxoniana Sargent [Johnson 2000]
 Eve's needle
glauca Nuttall [Hess & Robbins 2002; M&H; W&S]
 plains yucca, soapweed yucca
Yucca angustifolia Pursh
Yucca glauca Nuttall var. *gurneyi* McKelvey
glauca Nuttall var. *gurneyi* McKelvey = *Yucca glauca* Nuttall
harrimaniae Trelease [Hess & Robbins 2002; M&H; W&S]
 Spanish bayonet
harrimaniae Trelease var. *neomexicana* (Wooton & Standley) Reveal = *Yucca neomexicana* Wooton & Standley
intermedia McKelvey = *Yucca baileyi* Wooton & Standley var. *intermedia* (McKelvey) Reveal
intermedia McKelvey var. *ramosa* McKelvey = *Yucca baileyi* Wooton & Standley var. *intermedia* (McKelvey) Reveal
macrocarpa (Torrey) Engelm = *Yucca treculeana* Carrière
madrensis Gentry [Hess & Robbins 2002; Lenz & Hanson 2000, 2001; M&H; W&S]
 Sierra Madre yucca
Yucca schottii auct.
navajoa Webber = *Yucca baileyi* Wooton & Standley var. *navajoa* (Webber) Webber
neomexicana Wooton & Standley [Hess & Robbins 2002; M&H; W&S]
 New Mexico Spanish bayonet
Yucca harrimaniae Trelease var. *neomexicana* (Wooton & Standley) Reveal
schottii auct. = *Yucca madrensis* Gentry
 ×**schottii** Engelm pro. sp. Note: Lenz & Hanson (2000) applies this name to hybrids involving *Yucca baccata* × *Y. elata* × *Y. madrensis*; see *Yucca madrensis* Gentry.
standleyi McKelvey = *Yucca baileyi* Wooton & Standley var. *baileyi*
torreyi Shafer = *Yucca treculeana* Carrière
treculeana Carrière [M&H; W&S]
 Torrey's yucca
Yucca baccata Torrey var. *macrocarpa* Torrey
Yucca macrocarpa (Torrey) Engelm
Yucca torreyi Shafer forma *parviflora* McKelvey
Yucca torreyi Shafer
torreyi Shafer forma *parviflora* McKelvey = *Yucca treculeana* Carrière
 whipplei Torrey : Reported by Hall & Flowers (1961), but this occurs only in southern California; awaits verification.

Family ALISMATACEAE

Haynes, R.R. & C.B. Hellquist. 2000. Alismataceae, p. 7-25. IN: Flora North America, vol. 22. Oxford University Press.

Alisma water-plantain

Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Alisma subcordatum*]
 Fernald, M.L. 1946. The North American representatives of *Alisma plantago-aquatica*. Rhodora 48:86-88.
 Hendricks, A.J. 1957. A revision of the genus *Alisma* (Dill.) L. Amer. Midl. Naturalist 58:470-493.
 Pogan, E. 1963. Taxonomical value of *Alisma triviale* Pursh and *Alisma subcordatum* Rafin. Canad. J. bot. 41:1011-1013.
brevipes Greene = *Alisma triviale* Pursh
geyeri Torrey = *Alisma gramineum* K.C. Gmelin

gramineum K.C. Gmelin [M&H]

narrow-leaf water-plantain

Alisma geyeri Torrey
Alisma gramineum K.C. Gmelin var. *geyeri* (Torrey) Samuelsson
gramineum K.C. Gmelin var. *geyeri* (Torrey) Samuelsson = *Alisma gramineum* K.C. Gmelin
plantago-aquatica sensu W&S = *Alisma triviale* Pursh

subcordatum Rafinesque [Allred 1999]

American water-plantain

triviale Pursh [M&H; W&S]

northern water-plantain

Alisma brevipes Greene
Alisma plantago-aquatica sensu W&S

Echinodorus burr-head

Great Plains Flora Association. 1977. Atlas of the Flora of the Great Plains. Iowa State Univ. Press. 600 pp. [*Echinodorus berteroi*]

berteroi (Sprengel) Fassett [Great Plains Flora Association 1977]

upright burr-head

Echinodorus rostratus (Nuttall) Engelm
rostratus (Nuttall) Engelm = *Echinodorus berteroi* (Sprengel) Fassett

Lophocarpus calycinus (Engelm) J.G. Smith = *Sagittaria montevidensis* Chamisso & Schlechtendal subsp. *calycina* (Engelm) Bogin

Sagittaria arrowhead

Bogin, C. 1955. A revision of the genus *Sagittaria*. Mem. New York Bot. Gard. 9:179-233.
 Haynes, R.R. & C.B. Hellquist. 2000. Alismataceae, p. 7-25. IN: Flora of North America, vol. 22. Oxford University Press.

Kartesz, J.T. 1999. A Synonymized Checklist and Atlas with Biological Attributes for the Vascular Flora of the United States, Canada, and Greenland. First Edition. In: Kartesz, J.T., and C.A. Meacham. Synthesis of the North American Flora, Version 1.0. North Carolina Botanical Garden, Chapel Hill, NC. [*Sagittaria demersa*]

arifolia Nuttall = *Sagittaria cuneata* Sheldon

brevirostra Mackenzie & Bush [M&H]

short-beak arrowhead

calycina Engelmann = *Sagittaria montevidensis* Chamisso & Schlectendal subsp. *calycina* (Engelmann) Bogin

cuneata Sheldon [M&H; W&S]

arum-leaf arrowhead

Sagittaria arifolia Nuttall

demersa J.G. Small [R. Haynes, in Kartesz 1999]

graminea Michaux [M&H] Note: Haynes & Hellquist (2000) report the distribution of this taxon to the east of NM; our report perhaps merits verification.

grassy arrowhead

greggii J.G. Smith : Reported as expected by M&H; awaits verification.

latifolia Willdenow [M&H]

duck potato

longiloba Engelmann ex J.G. Smith [M&H]

long-barb arrowhead

montevidensis Chamisso & Schlectendal subsp. ***calycina*** (Engelmann) Bogin [M&H; W&S]

hooded arrowhead

Sagittaria calycina Engelmann

Lophotocarpus calycinus (Engelmann) J.G. Smith

Family **ALLIACEAE** = LILIACEAE

Family **AMARYLLIDACEAE**

Agave = see **AGAVACEAE**

Hypoxis = see **LILIACEAE**

Zephyranthes = see **LILIACEAE**

Family **ASPHODELACEAE** = LILIACEAE

Family **BROMELIACEAE**

Tillandsia Spanish-moss

Luther, H.E. & G.K. Brown. 2000. *Tillandsia*, p. 288-296. IN: Flora North America, vol. 22. Oxford University Press.

Wagner, W.L. 1979. New records to the Animas Mountain flora, New Mexico. Southw. Naturalist 24(2):291-296. [*Tillandsia recurvata*]

recurvata Linnaeus [Wagner 1979]

ball-moss

Family **CALOCHORTACEAE** = LILIACEAE

Family **COMMELINACEAE**

Faden, R.B. 2000. Commelinaceae, p. 170-197. IN: Flora North America, vol. 22. Oxford University Press.

Tucker, G.C. 1989. The genera of Commelinaceae in the southeastern United States. J. Arnold Arbor. 70:97-130.

Commelina dayflower

Brashier, C.K. 1966. A revision of *Commelina* (Plum.) L. in the U.S.A. Bull. Torrey Bot. Club 93:1-19.

angustifolia Michaux = *Commelina erecta* Linnaeus var. *angustifolia* (Michaux) Fernald

crispa Wooton = *Commelina erecta* Linnaeus var. *angustifolia* (Michaux) Fernald

dianthifolia Delile [Faden 2000; M&H; W&S]

bird-bill dayflower

Commelina dianthifolia Delile var. *filiformis* M.E. Jones

Commelina dianthifolia Delile var. *longispatha* (Torrey) Brashier

Commelina linearis Bentham var. *longispatha* Torrey

dianthifolia Delile var. *filiformis* M.E. Jones = *Commelina dianthifolia* Delile

dianthifolia Delile var. *longispatha* (Torrey) Brashier = *Commelina dianthifolia* Delile

erecta Linnaeus var. ***angustifolia*** (Michaux) Fernald [Faden 2000; M&H; W&S]

white-mouth dayflower

Commelina angustifolia Michaux

Commelina crispa Wooton

Commelina erecta Linnaeus var. *crispa* (Wooton) Palmer & Steyermark

Commelina erecta Linnaeus var. *deamiana* Fernald

erecta Linnaeus var. *crispa* (Wooton) Palmer & Steyermark. = *Commelina erecta* Linnaeus var. *angustifolia* (Michaux) Fernald

erecta Linnaeus var. *deamiana* Fernald = *Commelina erecta* Linnaeus var. *angustifolia* (Michaux) Fernald

linearis Bentham var. *longispatha* Torrey = *Commelina dianthifolia* Delile

Tradescantia spiderwort

Anderson, E. & R.E. Woodson. 1935. The species of *Tradescantia* indigenous to the United States. Contr. Arnold Arbor. 9:1-132.

Faden, R.B. 1993. *Tradescantia crassifolia* (Commelinaceae), an overlooked species in the southwestern United States. Ann. Missouri Bot. Gard. 80:219-222.
 Hershey, A.L. & P.J. Leyendecker, Jr. 1944. Notes on plants of New Mexico -- III. Leaf. West. Bot. 4(2):21-25. [*Tradescantia wrightii*]
 Spellenberg, R. 1979. Chromosome numbers from some federally proposed threatened or endangered southwestern angiosperms and other miscellaneous taxa. Southw. Naturalist 24:187-189. [*Tradescantia wrightii*]
crassifolia Cavanilles : Included in Kartesz's (1999) list for NM, but Faden (1993) questions, with good evidence, the validity of the single specimen attributed to NM; awaits verification.
occidentalis (Britton) Smyth var. **occidentalis** [Faden 2000; M&H; W&S]
 western spiderwort
Tradescantia virginica Linnaeus var. *occidentalis* Britton
occidentalis (Britton) Smyth var. **scopulorum** (Rose) Anderson & Woodson [Faden 2000; M&H; W&S]
 Rocky Mountain spiderwort
Tradescantia scopulorum Rose
pinetorum Greene [Faden 2000; M&H; W&S]
 pinewoods spiderwort
Tradescantia tuberosa Greene
scopulorum Rose = *Tradescantia occidentalis* (Britton) Smyth var. *scopulorum* (Rose) Anderson & Woodson
tuberosa Greene = *Tradescantia pinetorum* Greene
virginica Linnaeus var. *occidentalis* Britton = *Tradescantia occidentalis* (Britton) Smyth var. *occidentalis*
wrightii Rose & Bush [Faden 2000; Hershey & Leyendecker 1944; Spellenberg 1979]
 Wright's spiderwort

Family CONVALLARIACEAE = LILIACEAE

Family CYPERACEAE

Bruhl, J.J. 1995. Sedge genera of the world: relationships and a new classification of the Cyperaceae. Australian Systematic Botany 8(2):125-305.
 Cronquist, A. 1977. Cyperaceae, p. 67-174. IN: Intermountain Flora, Vol. 6 (Monocotyledons). New York Botanical Garden. 584 pp.
 Tucker, G.C. 1987. The genera of Cyperaceae in the southeastern United States. J. Arnold Arbor. 68:361-445.

Bolboschoenus bulrush
 Beetle, A.A. 1942. Studies in the genus *Scirpus* L. IV. The section *Bolboschoenus* Pallas Amer. J. Bot. 42:82-88.
 Browning, J., K.D. Gordon-Gray, & S.G. Smith. 1995. Achene structure and taxonomy of North American *Bolboschoenus* (Cyperaceae). Brittonia 47(4):433-445.
 Smith, S.G. 1995. New combinations in North American *Schoenoplectus*, *Bolboschoenus*, *Isolepis*, and *Trichophorum* (Cyperaceae). Novon 5:97-102.
 Smith, S.G. 2002. *Bolboschoenus*, pp. 37-44. IN: Flora of North America, vol. 23. Oxford University Press.
fluviatilis (Torrey) V. Soják [M&H] Note: Smith (2002) could find no specimens from NM of this taxon; perhaps warrants verification.
 river bulrush
Scirpus fluviatilis (Torrey) Gray
maritimus (Linnaeus) Palla subsp. **paludosus** (A. Nelson) T. Koyama [M&H; W&S]
 saltmarsh bulrush
Scirpus brittonianus Piper
Scirpus campestris Britton
Scirpus maritimus Linnaeus var. *paludosus* (A. Nelson) Koyama
Scirpus paludosus A. Nelson

Bulbostylis hair-sedge
 Kral, R. 1971. A treatment of *Abildgaardia*, *Bulbostylis* and *Fimbristylis* (Cyperaceae) for North America. Sida 4:57-227.
 Kral, R. 2002. *Bulbostylis*, pp.131-136. IN: Flora of North America, vol. 23. Oxford University Press.
californica Torrey & Gray = *Brickellia californica* (Torrey & Gray) Gray
capillaris (Linnaeus) Kunth ex C.B. Clarke [Kral 2002; M&H; W&S]
 tufted hairsedge
Stenophyllus capillaris (Linnaeus) Britton
funckii (Steudel) C.B. Clarke [Kral 2002; M&H; W&S]
 Funck's hairsedge
Stenophyllus funckii (Steudel) Britton
juncoides (Vahl) Kükenthal [Kral 1971; Kral 2002]
 rush hairsedge
schaffneri (Boeckeler) C.B. Clarke [Kral 2002; M&H]
 Schaffner's hairsedge
Scirpus schaffneri Boeckeler

Carex sedge, caric-sedge
 Allred, K.W. 2000. New plant distribution records. The New Mexico Botanist 14:4. [*Carex planostachys*]
 Ball, P.W. & A.A. Reznicek. 2002. *Carex*, pp. 254-572. IN: Flora of North America, vol. 23. Oxford University Press.
 Cochrane, T.S. 1981. Noteworthy collections (New Mexico). Madroño 28:186-187. [*Carex leptopoda*]
 Coop, J. 2002. Plant distribution reports. The New Mexico Botanist 24:7. [*Carex phaeocephala*]
 Coop, J. 2003. Plant distribution reports. The New Mexico Botanist 25:7. [*Carex brunnescens*, *C. conoidea*]
 Hartman, R.L. 1973. New plant records for New Mexico. Southwestern Naturalist 18(2):241-242. [*Carex elynoides*, *oreocharis*, *praticola*]
 Hartman, R.L., B. Reif, B.E. Nelson, & B. Jacobs. 2006. New vascular plant records for New Mexico. Sida 22(2):1225-1233. [*Carex deweyana*, *Carex rosea*]
 Hermann, F.J. 1970. Manual of the Carices of the Rocky Mountains and Colorado Basin. USDA Agric. Handb. No. 374.
 Hermann, F.J. 1974. Manual of the Genus *Carex* in Mexico and Central America. USDA Agric. Handb. No. 467.
 Hipp, A. 2003. Plant distribution reports. The New Mexico Botanist 28:8. [*Carex egglestonii*]
 Jones, S.D., C.T. Bryson, and J.E. Ubelaker. 1993. *Carex blanda* and *Kyllinga odorata* (Cyperaceae) new to New Mexico and a significant range extension of *Cyperus retrorsus*. Sida 15(3):552-553.

Keller, C.F. 2005. Plant distribution reports. The New Mexico Botanist 32:7. [*Carex pyrenaica*]

Mackenzie, K.K. 1931-1935. North American Flora. 18. Cyperaceae, Tribe 2, Caricac. New York Botanical Garden.

McGrath, J. 1999. New plant distribution records. The New Mexico Botanist 12:8. [*Carex diandra*]

McGrath, J. 2000. New plant distribution records. The New Mexico Botanist 15:7. [*Carex geyeri*, *Carex jonesii*]

McGrath, J. 2002. Plant distribution reports. The New Mexico Botanist 24:7. [*Carex illota*]

McGrath, J. 2003. Plant distribution reports. The New Mexico Botanist 25:7. [*Carex macloviana*]

McGrath, J. 2005. Plant distribution reports (*Carex deweyana*). The New Mexico Botanist 33:7.

Murray, D.F. 1969. Taxonomy of *Carex* sect. *Atratae* (Cyperaceae) in the southern Rocky Mountains. Brittonia 21:55-76.

Peterson, R.S. 2000. New plant distribution records. The New Mexico Botanist 15:7. [*Carex angustior*, *Carex sprengelii*]

Reznicek, A.A. 1993. Revision of *Carex* section *Ovales* (Cyperaceae) in Mexico. Contr. Univ. Michigan Herb. 19:97-137.

Roalson, E.H., S.D. Jones, & K.W. Allred. 1995. *Carex amplifolia* and *Carex rossii* (Cyperaceae), new to New Mexico and a key to section *Montanae* in New Mexico. Sida 16(3):592-594.

Sivinski, R. 2001. New plant distribution records. The New Mexico Botanist 20:8. [*Carex albonigra*]

Standley, L.A. 1985. Systematics of the *Acutae* group of *Carex* (Cyperaceae) in the Pacific Northwest. Syst. Bot. Monogr. 7:1-106. [*Carex scopulorum*]

Weber, W.A., B.C. Johnston, & D. Wilken. 1979. Additions to the flora of Colorado. VI. Phytologia 41(7):486-500. [*Carex rostrata* vs. *Carex utriculata*]

Worthington, R.D. 1999. New plant distribution records. The New Mexico Botanist 10:7. [*Carex muriculata*]

Worthington, R.D. 2002. New plant distribution records. The New Mexico Botanist 22:7. [*Carex lativena*]

Worthington, R.D. 2003. Plant distribution records. The New Mexico Botanist 26:7. [*Carex chihuahuensis*]

Worthington, R.D. 2004. Plant distribution reports. The New Mexico Botanist 29:7. [*Carex microdonta*]

Worthington, R. 2005. Plant distribution reports (*Arnica latifolia*, *Carex bebbii*, *Carex capitata*, *Carex garberi*). The New Mexico Botanist 32:7.

agrostoides Mackenzie = *Carex alma* L.H. Bailey

albonigra Mackenzie [Ball & Reznicek 2002; M&H; Sivinski 2001]
black-and-white-scale sedge

alma L.H. Bailey [M&H; Ball & Resniecek 2002; W&S]
grass-leaf sedge
Carex agrostoides Mackenzie

amplifolia F. Boott [Ball & Reznicek 2002; Roalson et al. 1995]
big-leaf sedge

angustior Linnaeus = *Carex echinata* Mur.

aquatilis Wahlenberg var. **aquatilis** [Ball & Reznicek 2002; M&H; W&S]
leafy tussock sedge
Carex variabilis Bailey

atherodes Sprengel [Ball & Reznicek 2002; M&H; W&S]
wheat sedge

athrostachya Olney [M&H]
slender-beak sedge
Carex tenuirostris Olney

atrata auct. = *Carex chalciolepis* T. Holm

aurea Nuttall [Ball & Reznicek 2002; M&H; W&S]
golden sedge
Carex hassei Bailey

aureolensis Steudel [Ball & Reznicek 2002]
Aureola sedge
Carex frankii sensu M&H

bebbii (L.H. Bailey) Olney ex Fernald [Worthington 2005]
Bebb's sedge

bella Bailey [Ball & Reznicek 2002; M&H; Murray 1969; W&S]
southwestern sedge

bicknellii Britton : Reported as expected by M&H; awaits verification.

blanda Dewey [Ball & Reznicek 2002; Jones et al. 1993]
woodland sedge

bolanderi Olney [Ball & Reznicek 2002; M&H; W&S]
Bolander's sedge
Carex deweyana Schweinitz var. *bolanderi* (Olney) W. Boott

brevior (Dewey) Mackenzie ex Lunell [Ball & Reznicek 2002; M&H; W&S]
short-beak sedge
Carex festucacea Schkuhr. var. *brevior* (Dewey) Fernald

brittoniana Bailey [= *Carex tetrastachya* Scheele]: Reported by M&H, but not known from NM (S.D. Jones pers. comm.; Ball & Reznicek 2002)

brunnescens (Persoon) Poirlet [Coop 2003]
brownish sedge

camporum Mackenzie = *Carex praegracilis* W. Boott

canescens Linnaeus [Ball & Reznicek 2002; M&H]
hoary sedge

capillaris Linnaeus [Ball & Reznicek 2002; M&H; W&S]
hair-like sedge
Carex capillaris Linnaeus var. *elongata* Olney
Carex capillaris Linnaeus var. *major* Drejer

capillaris Linnaeus var. *elongata* Olney = *Carex capillaris* Linnaeus
capillaris Linnaeus var. *major* Drejer = *Carex capillaris* Linnaeus
capitata Linnaeus [Worthington 2005]
 capitate sedge
chalciolepis T. Holm [Ball & Reznicek 2002; M&H; Murray 1969]
 two-nerve sedge
Carex atrata of NM reports
Carex heteroneura W. Boott var. *chalciolepis* (Holm) F.J. Hermann
chihuahuensis Mackenzie [Worthington 2003]
 Chihuahuan sedge
conoidea Willdenow [Coop 2003]
 open-field sedge
deweyana Schweinitz [Hartman 2006; McGrath 2005]
 Dewey's sedge
deweyana Schweinitz var. *bolanderi* (Olney) W. Boott = *Carex bolanderi* Olney
diandra Schrank [McGrath 1999]
 lesser tussock sedge
disperma Dewey [Ball & Reznicek 2002; M&H; W&S]
 soft-leaf sedge
Carex tenella Schkuhr
douglasii F. Boott [Ball & Reznicek 2002; M&H; W&S]
 Douglas's sedge
drummondiana Dewey = *Carex rupestris* Bellardi var. *drummondiana* (Dewey) Bailey
duriuscula C.A. Meyer [M&H]
 spike-rush sedge
Carex eleocharis Bailey
Carex stenophylla auct.
Carex stenophylla Wahlenberg var. *eleocharis* (Bailey) Breitung
ebenea Rydberg [Ball & Reznicek 2002; M&H; W&S]
 ebony sedge
echinata Murray [Peterson 2000]
 star sedge
Carex angustior Linnaeus
egglestonii Mackenzie [Hipp 2003]
eleocharis Bailey = *Carex duriuscula* C.A. Meyer
elynoides Holm [Ball & Reznicek 2002; Hartman 1973; M&H]
 black-root sedge
Carex filifolia Nuttall var. *miser* Bailey
emoryi Dewey [Ball & Reznicek 2002; M&H; W&S]
 Emory's sedge
Carex stricta Lamarck var. *emoryi* Bailey
festiva Dewey = *Carex macloviana* d'Urville
festiva sensu W&S : It is unclear which taxon is referable to W&S's 'Carex festiva'.
festivella Mackenzie = *Carex microptera* Mackenzie
festuacea var. *brevior* (Dewey) Fernald = *Carex brevior* (Dewey) Mackenzie
filifolia Nuttall var. **filifolia** [Ball & Reznicek 2002; M&H; W&S]
 thread-leaf sedge
filifolia Nuttall var. *miser* Bailey = *Carex elynoides* Holm
frankii sensu M&H = *Carex aureolensis* Steudel
garberi Fernald [Worthington 2005]
 Garber's sedge
geophila Mackenzie [Ball & Reznicek 2002; M&H; W&S]
 White Mountain sedge
Carex pityophila Mackenzie
geyeri Boott [McGrath 2000]
 Geyer's sedge
gravida L.H. Bailey [Ball & Reznicek 2002; M&H; W&S]
 heavy sedge
Carex gravida Bailey var. *lunelliana* (Mackenzie) F.J. Hermann
Carex lunelliana Mackenzie
gravida Bailey var. *lunelliana* (Mackenzie) F.J. Hermann = *Carex gravida* L.H. Bailey
halleri Gunn. [=Carex norvegica Retzius] : Not known from NM; our material referred to *Carex stevenii* Holm (S.D. Jones, pers. comm.).
hassei Bailey = *Carex aurea* Nuttall
heliophila Mackenzie = *Carex inops* Bailey subsp. *heliophila* (Mackenzie) Crins
heteroneura W. Boott var. *chalciolepis* (Holm) F.J. Hermann = *Carex chalciolepis* T. Holm

hystricina Muhlenberg ex Willdenow [Ball & Reznicek 2002; M&H; W&S]
porcupine sedge

illota L.H. Bailey [McGrath 2002]
small-head sedge

inops Bailey subsp. **heliophila** (Mackenzie) Crins [Ball & Reznicek 2002; M&H; W&S]
stolon sedge
Carex heliophila Mackenzie
Carex pennsylvanica Lamarck var. *digyna* Boeckeler

interior Bailey [M&H; W&S]
inland sedge

jonesii Bailey [McGrath 2000]
Jones's sedge

kelloggii W. Boott = *Carex lenticularis* Michaux var. *lipocarpa* (Holm) L. Standley
lanuginosa auct. non Michaux = *Carex pellita* Muhlenberg ex Willdenow
latebrosa Mackenzie = *Carex praegracilis* W. Boott

lativena S.D. & G.D. Jones [Ball & Reznicek 2002; Worthington 2002]
broad-vein sedge

lenticularis Michaux var. **lipocarpa** (Holm) L. Standley [M&H; W&S] Note: Not reported for NM by Ball & Reznicek (2002), but occurring in the surrounding states.
lakeshore sedge
Carex kelloggii W. Boott

leptalea Wahlenberg [Ball & Reznicek 200; M&H]
bristly-stalk sedge

limosa Linnaeus : Reported by M&H, but not known from NM (Ball & Reznicek 2002; S.D. Jones pers. comm.).
lunelliana Mackenzie = *Carex gravida* L.H. Bailey

macloviana d'Urville [McGrath 2003]
Falkland Island sedge
Carex festiva Dewey

meadii Dewey : Reported as expected by M&H; awaits verification.
media of NM authors = *Carex stevenii* (T. Holm) Kalela
media R. Brown var. *stevenii* (Holm) Fernald = *Carex stevenii* (T. Holm) Kalela

microdonta Torrey & Hooker [Ball & Reznicek 2002; Worthington 2004]
little-tooth sedge

microptera Mackenzie [Ball & Reznicek 2002; M&H]
small-wing sedge
Carex festivella Mackenzie

muriculata F.J. Hermann [Ball & Reznicek 2002; Worthington 1999]
Trans-Pecos sege

nebrascensis Dewey [Ball & Reznicek 2002; M&H; W&S]
Nebraska sedge

neomexicana Mackenzie = *Carex occidentalis* Bailey
norvegica Retzius subsp. *stevenii* (T. Holm) E. Murray = *Carex stevenii* (T. Holm) Kalela

nova Bailey [Ball & Reznicek 2002; M&H; Murray 1969; W&S]
new sedge

obtusata Liljebblad [Ball & Reznicek 2002; M&H; W&S]
blunt sedge

occidentalis Bailey [Ball & Reznicek 2002; M&H; W&S]
New Mexico sedge
Carex neomexicana Mackenzie

oederi auct., non Retzius = *Carex viridula* Michaux
oederi Retzius subsp. *viridula* (Michaux) Kukenthal = *Carex viridula* Michaux

oreocharis Holm [Hartman 1973; M&H]
grassy-slope sedge

pellita Muhlenberg ex Willdenow [Ball & Reznicek 2002; M&H; W&S]
wooly sedge
Carex lanuginosa auct. non Michaux

pennsylvanica Lamarck var. *digyna* Boeckeler = *Carex inops* Bailey subsp. *heliophila* (Mackenzie) Crins

petasata Dewey [M&H]
Liddon sedge

phaeocephala Piper [Coop 2002]
mountain hare sedge

pityophila Mackenzie = *Carex geophila* Mackenzie

planostachys Kunze [Allred 2000]
cedar sedge

praegracilis W. Boott [Ball & Reznicek 2002; M&H; W&S]

field sedge
Carex camporum Mackenzie
Carex latebrosa Mackenzie
praticola Rydberg [Hartman 1973; M&H]
meadow sedge
pyrenaica Wahlenberg [Keller 2005]
Pyrenean sedge
rosea Schkuhr ex Willdenow [Hartman et al. 2006]
rosy sedge
rossii F. Boott [Ball & Reznicek 2002; Roalson et al. 1995]
Ross's sedge
rostrata Stokes : Not known from NM; our material mostly referable to *Carex utriculata* F. Boott (Ball & Reznicek 2002; Weber et al. 1979)
rostrata of NM reports = *Carex utriculata* F. Boott
rupesstris Bellardi ex Allioni var. **drummondiana** (Dewey) Bailey [Hermann 1970] Note: Not reported for NM by Ball & Reznicek (2002); perhaps warrants verification.
Drummond sedge
Carex drummondiana Dewey
rusbyi Mackenzie = *Carex vallicola* Dewey
scoparia Schkuhr ex Willdenow var. **scoparia** [M&H; W&S]
broom sedge
scopulorum Holm [Standley 1985; W&S]
Rocky Mountain sedge
senta F. Boott : Reported by M&H, but NM material is identified as *Carex stricta* Lamarck (Ball & Reznicek 2002).
siccata Dewey [Ball & Reznicek 2002; M&H; W&S]
dry-spike sedge
simulata Mackenzie [Ball & Reznicek 2002; M&H; W&S]
analogue sedge
spissa L.H. Bailey [Ball & Reznicek 2002; M&H; W&S]
Cochise sedge
Carex spissa L.H. Bailey var. *ultra* (L.H. Bailey) Kükenthal
Carex ultra L.H. Bailey
spissa L.H. Bailey var. *ultra* (L.H. Bailey) Kükenthal = *Carex spissa* L.H. Bailey
sprengelii Dewey [Peterson 2000]
Sprengel's sedge
stenophylla auct. = *Carex duriuscula* C.A. Meyer
stenophylla Wahlenberg var. *eleocharis* (Bailey) Breitung = *Carex duriuscula* C.A. Meyer
stevenii (T. Holm) Kalela [Ball & Reznicek 2002; M&H; Murray 1969; W&S]
Steven's sedge
Carex media of NM authors
Carex media R. Brown var. *stevenii* (Holm) Fernald
Carex norvegica Retzius subsp. *stevenii* (Holm) E. Murray
stipata Muhlenberg ex Willdenow var. **stipata** [Ball & Reznicek 2002; M&H; W&S]
stalked sedge
stricta Lamarck [Ball & Reznicek 2002]
uptight sedge
stricta Lamarck var. *emoryi* Bailey = *Carex emoryi* Dewey
subfusca W. Boott [Ball & Reznicek 2002; Reznicek 1993; W&S]
rusty sedge
tahoensis Smiley : Reported by Kartesz (1999) without documentation; awaits verification.
tenella Schkuhr = *Carex disperma* Dewey
tenera Dewey : Reported by Abrams (1940-1960), but this questioned in view of its distribution in Wyoming and northward; awaits verification.
tenuirostris Olney = *Carex athrostachya* Olney
ultra Bailey = *Carex spissa* L.H. Bailey
utriculata F. Boott [Ball & Reznicek 2002; M&H; W&S]
Northwest Territory sedge
Carex rostrata of NM reports
vallicola Dewey [Ball & Reznicek 2002; M&H; W&S]
Rusby's sedge
Carex rusbyi Mackenzie
Carex vallicola Dewey var. *rusbyi* (Mackenzie) F.J. Hermann
vallicola Dewey var. *rusbyi* (Mackenzie) F.J. Hermann = *Carex vallicola* Dewey
variabilis Bailey = *Carex aquatilis* Wahlenberg
vesicaria Linnaeus : Reported by M&H, but this questioned in view of its distribution; awaits verification.

viridula Michaux var. **viridula** [Ball & Reznicek 2002; M&H]

little green sedge

Carex oederi auct., non Retzius

Carex oederi Retzius subsp. **viridula** (Michaux) Kükenthal

vulpinoidea Michaux [Ball & Reznicek 2002; M&H]

fox sedge

wootonii Mackenzie [Ball & Reznicek 2002; M&H; W&S]

Wooton's sedge

xerantica Bailey : Reported by M&H, but this questioned in view of its distribution in Wyoming and northward; awaits verification.

Cladium saw-grass

Allred, K.W. 2003. Plant distribution reports. The New Mexico Botanist 26:7. [*Cladium californicum*]

californicum (S. Watson) O'Neill [Allred 2003; M&H; W&S]

Cladium mariscus (Linnaeus) Pohl var. **californicum** S. Watson

swamp saw-grass

mariscus (Linnaeus) Pohl var. **californicum** S. Watson = *Cladium californicum* (S. Watson) O'Neill

Cyperus flat-sedge

Adams, T. 1998. New plant distribution records. The New Mexico Botanist 7:6. [*Cyperus bipartitus*]

Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Cyperus rotundus*]

Carter, R. & S.D. Jones. 1997. Notes on the *Cyperus retroflexus* complex (Cyperaceae) with three nomenclatural proposals. Rhodora 99:319-334.

Horvat, M.L. 1941. A revision of the subgenus *Mariscus* found in the U.S.A. Catholic Univ. Amer., Biol. Ser. 33:1-147. [*Cyperus niger*]

Jones, S.D., C.T. Bryson, and J.E. Ubelaker. 1993. *Carex blanda* and *Kyllinga odorata* (Cyperaceae) new to New Mexico and a significant range extension of *Cyperus retrorsus*. Sida 15(3):552-553.

Jones, S.D., A.A. Reznicek, & G.D. Jones. 1993. *Cyperus setigerus* (Cyperaceae) new for New Mexico. Sida 15(4):655-656.

Jones, S.D., J.K. Wipff, & R. Carter. 1996. Nomenclatural combinations in *Cyperus* (Cyperaceae). Phytologia 80(4):288-290.

Kessler, J.W. 1984. *Cyperus ovularis* (Michaux) Torrey var. *cylindricus* (Ell.) Torrey new to New Mexico. Sida 10:258.

Schippers, P., S.J. Ter Borg, & J.J. Bos. 1995. A revision of the infraspecific taxonomy of *Cyperus esculentus* (yellow nutsedge) with an experimentally evaluated character set. Syst. Bot. 20(4):461-481.

Tucker, G.C. 1985. *Cyperus flavicomus*, the correct name for *Cyperus albomarginatus*. Rhodora 87:539-541.

Tucker, G.C. 1994. Revision of the Mexican species of *Cyperus* (Cyperaceae). Syst. Bot. Monogr. 43:1-213.

Tucker, G.C. 1996. New plant distribution records. The New Mexico Botanist 4:8. [*Cyperus strigosus*]

Tucker, G.C., B.G. Marcks, & J.R. Carter. 2002. *Cyperus*, pp. 141-191. IN: Flora of North America, vol. 23. Oxford University Press.

acuminatus Torrey & Hooker ex Torrey [M&H; W&S] Note: Not reported for NM by Tucker et al. (2002), but listed for all states surrounding NM.

taper-tip flat-sedge

Cyperus cyrtolepis Torrey & Hooker

aggregatus (Willdenow) Endlicher [M&H; Tucker 1994; Tucker et al. 2002]

inflated flat-sedge

Cyperus flavus (Hahl) Nees

Cyperus huarmensis (Humboldt, Bonpland, & Kunth) M.C. Johnston

albomarginatus (Martius & Schrader ex Nees) Steudel = *Cyperus flavicomus* Michaux

aristatus Rottboell = *Cyperus squarrosus* Linnaeus

bipartitus Torrey [Adams 1998; Tucker et al. 2002]

shining flat-sedge

compressus Linnaeus [Tucker 1994; Tucker et al. 2002]

poorland flat-sedge

cyrtolepis Torrey & Hooker = *Cyperus acuminatus* Torrey & Hooker

difformis Linnaeus [Tucker 1994; Tucker et al. 2002]

variable flat-sedge

dipsaceus Leibman [Tucker 1994; Tucker et al. 2002]

Wright's flat-sedge

Cyperus wrightii Britton

echinatus (Linnaeus) Wood : Kartesz (1999) reports this species for NM, apparently based on a misinterpretation of *Cyperus ovularis* sensu stricto in Tucker (1984); awaits verification.

elegans Linnaeus [Tucker 1994; Tucker et al. 2002]

royal flat-sedge

erythrorhizos Muhlenberg [M&H; Tucker et al. 2002; W&S]

red-root flat-sedge

esculentus Linnaeus var. **leptostachyus** Boeckeler [M&H; Tucker et al. 2002; W&S]

chufa, yellow nut-sedge

esculentus Linnaeus var. **macrostachyus** Boeckeler [M&H; Tucker et al. 2002; W&S]

chufa, yellow nut-sedge

fendlerianus Boeckeler var. **debilis** (Britton) Kükenthal = *Cyperus sphaerolepis* Boeckeler

fendlerianus Boeckeler [M&H; Tucker et al. 2002; W&S]

Fendler's flat-sedge

ferax L.C.M. Richard = *Cyperus odoratus* Linnaeus var. **squarrosus** (Britton) Jones, Wipff, & Carter

ferruginescens Boeckeler = *Cyperus odoratus* Linnaeus var. **squarrosus** (Britton) Jones, Wipff, & Carter

filiculmis sensu western authors [= *Cyperus lupulinus* (Sprengel) B.G. Marcks] : Reported as expected by M&H; awaits verification. The true *Cyperus filiculmis* Vahl is a species of the eastern coastal plains. (Tucker 1994).

flavicomus Michaux [M&H; Tucker 1985; Tucker et al. 2002]
white-edge flat-sedge
Cyperus albomarginatus (Martius & Schrader ex Nees) Steudel
flavus (Hahl) Nees = *Cyperus aggregatus* (Willdenow) Endlicher
huarmensis (Humboldt, Bonpland, & Kunth) M.C. Johnston = *Cyperus aggregatus* (Willdenow) Endlicher
inflexus Muhlenberg = *Cyperus squarrosus* Linnaeus
laevigatus Linnaeus : Reported as expected by M&H; awaits verification.
lupulinus (Sprengel) B.G. Marcks : Reported as expected by M&H (*C. filiculmis* auct.); awaits verification.
niger Ruiz & Pavón [Horvat 1941; Tucker et al. 2002]
black flat-sedge
Cyperus niger Ruiz & Pavón var. *capitatus* (Britton) O'Neill
Cyperus niger Ruiz & Pavón var. *castaneus* (S. Watson) Kükenthal
niger Ruiz & Pavón var. *capitatus* (Britton) O'Neill = *Cyperus niger* Ruiz & Pavón
niger Ruiz & Pavón var. *castaneus* (S. Watson) Kükenthal = *Cyperus niger* Ruiz & Pavón
odoratus Linnaeus var. *squarrosus* (Britton) Jones, Wipff, & Carter [M&H; Tucker et al. 2002; W&S]
rusty flat-sedge
Cyperus ferax L.C.M. Richard
Cyperus ferruginescens Boeckeler
Cyperus speciosus Vahl
Cyperus speciosus Vahl var. *squarrosus* Britton
pallidicolor (Kükenthal) G. Tucker [Tucker et al. 2002]
pale flat-sedge
parishii Britton [M&H; Tucker et al. 2002; W&S]
Parish's flat-sedge
Cyperus sphacelatus Britton
retroflexus Buckley var. *pumilus* (Britton) R. Carter & S.D. Jones [Carter & Jones 1997; M&H; Tucker et al. 2002; W&S]
one-flowered flat-sedge
Cyperus uniflorus Torrey & Hooker
***rotundus** Linnaeus [Allred 1999; Tucker et al. 2002]
purple nut-sedge
rusbyi Britton = *Cyperus sphaerolepis* Boeckeler
schweinitzii Torrey [Tucker et al. 2002]
sand flat-sedge
seslerioides Kunth : Reported as expected by M&H; awaits verification.
sesquiflorus (Torrey) Mattfeld & Kükenthal = *Kyllinga odorata* Vahl
setigerus Torrey & Hooker [Jones et al. 1993; Tucker et al. 2002]
lean flat-sedge
speciosus Vahl = *Cyperus odoratus* Linnaeus var. *squarrosus* (Britton) Jones, Wipff, & Carter
speciosus Vahl var. *squarrosus* Britton = *Cyperus odoratus* Linnaeus var. *squarrosus* (Britton) Jones, Wipff, & Carter
spectabilis Link : Reported by Kartesz (1999), but not verified by Tucker et al. 2002.
sphacelatus Britton = *Cyperus parishii* Britton
sphaerolepis Boeckeler [M&H; Tucker 1994; Tucker et al. 2002; W&S]
Rusby's flat-sedge
Cyperus fendlerianus Boeckeler var. *debilis* (Britton) Kükenthal
Cyperus rusbyi Britton
squarrosus Linnaeus [M&H; Tucker et al. 2002; W&S]
awned flat-sedge
Cyperus aristatus Rottboell Note: This name is illegitimate, being superfluous at the time of publication.
Cyperus inflexus Muhlenberg
strigosus Linnaeus [Tucker 1996; Tucker et al. 2002]
straw-color flat-sedge
tetragonous Elliott [Tucker et al. 2002]
four-angle flat-sedge
uniflorus Torrey & Hooker = *Cyperus retroflexus* Buckley var. *pumilus* (Britton) R. Carter & S.D. Jones
wrightii Britton = *Cyperus dipsaceus* Leibman
Eleocharis spike-rush
Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Eleocharis geniculata*]
Harms, L.J. 1972. Cytotaxonomy of the *Eleocharis tenuis* complex. Amer. J. Bot. 59:483-487.
Hartman, R.L. 1973. New plant records for New Mexico. Southwestern Naturalist 18(2):241-242. [*Eleocharis compressa*]
Larson, B.M.H. & P.M. Catling. 1996. The separation of *Eleocharis obtusa* and *Eleocharis ovata* (Cyperaceae) in eastern Canada. Can. J. Bot. 74:238-242.
Sivinski, R., T. Lowrey, & C. Keller. 1995[1996]. Additions to the floras of Colorado and New Mexico. Phytologia 79(5):319-324. [*Eleocharis bella*]
Smith, S.G. 2001. Taxonomic innovations in North American *Eleocharis* (Cyperaceae). Novon 11(2):241-257. [*Eleocharis acicularis porcata*]
Smith, S.G., J.J. Bruhl, M.S. Gonzalez-Elizondo, & F.J. Menapace. 2002. *Eleocharis*, pp. 60-120. IN: Flora of North America, vol. 23. Oxford University Press.
acicularis (Linnaeus) Roemer & Schultes [Smith 2001; Smith et al. 2002]
needle spike-rush
Eleocharis acicularis (Linnaeus) Roemer & Schultes var. *porcata* S.G. Smith
acicularis (Linnaeus) Roemer & Schultes var. *bella* Piper = *Eleocharis bella* (Piper) Svenson

acicularis (Linnaeus) Roemer & Schultes var. *porcata* S.G. Smith = *Eleocharis acicularis* (Linnaeus) Roemer & Schultes
acicularis (Linnaeus) Roemer & Schultes var. *radicans* (Poiret) Britt = *Eleocharis radicans* (A. Dietrich) Kunth
albida Torrey [Smith et al. 2002]
white spike-rush
arenicola Torrey = *Eleocharis montevidensis* Kunth
atropurpurea (Retzius) J. & K. Presl [M&H; Smith et al. 2002]
purple spike-rush
bella (Piper) Svenson [Sivinski et al. 1995; Smith et al. 2002]
delicate spike-rush
Eleocharis acicularis (Linnaeus) Roemer & Schultes var. *bella* Piper
cancellata S. Watson : Reported as expected by M&H; awaits verification.
caribaea auct., not (Rottboell) S.F. Blake = *Eleocharis geniculata* (Linnaeus) Roemer & Schultes
coloradoensis (Britton) Gilly [M&H; Smith et al. 2002]
dwarf spike-rush
Eleocharis parvula sensu M&H
Eleocharis parvula (Roemer & Schultes) Link ex Bluff, Nees & Schauer var. *anachaeta* (Torrey) Svenson
compressa Sullivant var. ***acutisquamata*** (Buckley) S.G. Smith [Hartman 1973; M&H; Smith et al. 2002]
flat-stem spike-rush
cylindrica Buckley : Reported questionably by Kartesz (1999), but not by Smith et al. (2002); awaits verification.
engelmannii Steudel [M&H; Smith et al. 2002; W&S]
Engelmann's spike-rush
Eleocharis engelmannii Steudel var. *monticola* (Fernald) Svenson
Eleocharis monticola Fernald
Eleocharis obtusa (Willdenow) Schultes var. *engelmannii* (Steudel) Gilly
engelmannii Steudel var. *monticola* (Fernald) Svenson = *Eleocharis engelmannii* Steudel
erythropoda Steudel [Smith et al. 2002]
bald spike-rush
geniculata (Linnaeus) Roemer & Schultes [Allred 1999; Smith et al. 2002]
capitate spike-rush
Eleocharis caribaea auct., not (Rottboell) S.F. Blake
glaucescens (Willdenow) Schultes = *Eleocharis palustris* (Linnaeus) Roemer & Schultes
macrostachya Britton [M&H; Smith et al. 2002]
pale spike-rush
montana (Humboldt, Bonpland, & Kunth) Roemer & Schultes [M&H; W&S] Note: Not reported for NM by Smith et al. 2002.
mountain spike-rush
Eleocharis montana (Humboldt, Bonpland, & Kunth) Roemer & Schultes var. *nodulosa* (Roth) Svenson
montana (Humboldt, Bonpland, & Kunth) Roemer & Schultes var. *nodulosa* (Roth) Svenson = *Eleocharis montana* (Humboldt, Bonpland, & Kunth) Roemer & Schultes
montevidensis Kunth [M&H; Smith et al. 2002]
sand spike-rush
Eleocharis arenicola Torrey
monticola Fernald = *Eleocharis engelmannii* Steudel
obtusa (Willdenow) Schultes [M&H] Note: Not reported for NM by Smith et al. 2002.
blunt spike-rush
Eleocharis ovata (Roth) Roemer & Schultes var. *obtusa* (Willdenow) Kükenthal
obtusa (Willdenow) Schultes var. *engelmannii* (Steudel) Gilly = *Eleocharis engelmannii* Steudel
ovata (Roth) Roemer & Schultes var. *obtusa* (Willdenow) Kükenthal = *Eleocharis obtusa* (Willdenow) Schultes
palustris (Linnaeus) Roemer & Schultes [M&H; Smith et al. 2002; W&S]
marshy spike-rush
Eleocharis glaucescens (Willdenow) Schultes
parishii Britton [M&H; Smith et al. 2002]
Parish's spike-rush
parvula sensu M&H = *Eleocharis coloradoensis* (Britton) Gilly
parvula (Roemer & Schultes) Link ex Bluff, Nees & Schauer var. *anachaeta* (Torrey) Svenson = *Eleocharis coloradoensis* (Britton) Gilly
pauciflora (Lightfoot) Link = *Eleocharis quinqueflora* (F.X. Hartman) O. Schwarz
pauciflora (Lightfoot) Link var. *suksdorfiana* (Beauvois) Svenson = *Eleocharis quinqueflora* (F.X. Hartman) O. Schwarz
quinqueflora (F.X. Hartman) O. Schwarz [M&H; Smith et al. 2002; W&S]
few-flowered spike-rush
Eleocharis pauciflora (Lightfoot) Link
Eleocharis pauciflora (Lightfoot) Link var. *suksdorfiana* (Beauvois) Svenson
Scirpus pauciflorus Lightfoot
radicans (A. Dietrich) Kunth : Reported as expected by M&H; awaits verification.
Eleocharis acicularis (Linnaeus) Roemer & Schultes var. *radicans* (Poiret) Britt
rostellata (Torrey) Torrey [M&H; Smith et al. 2002; W&S]
beaked spike-rush
uniglumis (Link) Schultes [Smith et al. 2002]

- saltmarsh spike-rush
Eriophorum cotton-grass
 Ball, P.W. & D.E. Wujek. 2002. *Eriophorum*, pp. 21-27. IN: Flora of North America, vol. 23. Oxford University Press.
angustifolium Honckey subsp. **angustifolium** [M&H; W&S]
 tall cotton-grass
Eriophorum polystachion Linnaeus, p.p.
polystachion Linnaeus, p.p. = *Eriophorum angustifolium* Roth
- Fimbristylis** fimbry
 Kral, R. 1971. A treatment of *Abildgaardia*, *Bulbostylis* and *Fimbristylis* (Cyperaceae) for North America. Sida 4:57-227.
 Kral, R.. 2002. *Fimbristylis*, pp.121-131. IN: Flora of North America, vol. 23. Oxford University Press.
baldwiniana (Schultes) Torrey : Reported as expected by M&H; awaits verification.
puberula (Michaux) Vahl var. **interior** (Britton) Kral [Kral 2002; M&H]
 hairy fimbry
Fimbristylis spadicea sensu M&H
spadicea sensu M&H = *Fimbristylis puberula* (Michaux) Vahl var. *interior* (Britton) Kral
vahlilii (Lamarck) Link : Reported as expected by M&H; awaits verification.
- Fuirena** umbrella-sedge
 Kral, R. 1978. A synopsis of *Fuirena* (Cyperaceae) for the Americas north of South America. Sida 7:309-354.
 Kral, R. 2002. *Fuirena*, pp. 32-37. IN: Flora of North America, vol. 23. Oxford University Press.
simplex Vahl var. **aristulata** (Torrey) Kral [Kral 2002]
 western umbrella-sedge
simplex Vahl var. **simplex** [Kral 1978; M&H]
 western umbrella-sedge
- Hemicarpha micrantha* (Vahl) Pax var. *aristulata* Coville = *Lipocarpha aristulata* (Coville) Tucker
micrantha (Vahl) Pax var. *drummondii* (Nees) Friedland = *Lipocarpha drummondii* (Nees) G.C. Tucker
micrantha (Vahl) Pax var. *minor* (Schrader) Friedland = *Lipocarpha micrantha* (Vahl) Tucker
- Kobresia** bog-sedge
 Ball, P.W. 2002. *Kobresia*, pp. 252-253. IN: Flora of North America, vol. 23. Oxford University Press.
bellardii (Allioni) Degland = *Kobresia myosuroides* (Villars) Fiori & Paoli
myosuroides (Villars) Fiori & Paoli [Ball 2002; M&H; W&S]
 bog-sedge
Kobresia bellardii (Allioni) Degland
- Kyllinga** spike-sedge
 Jones, S.D., C.T. Bryson, and J.E. Ubelaker. 1993. *Carex blanda* and *Kyllinga odorata* (Cyperaceae) new to New Mexico and a significant range extension of *Cyperus retrorsus*. Sida 15(3):552-553.
 Tucker, G.C. 1984. A revision of the genus *Kyllinga* Rottboell (Cyperaceae) in Mexico and Central America. Rhodora 86:507-538.
 Tucker, G.C. 2002. *Kyllinga*, pp. 193-194. IN: Flora of North America, vol. 23. Oxford University Press.
odorata Vahl [Jones et al. 1993; Tucker 2002]
 fragrant spike-sedge
Cyperus sesquiflorus (Torrey) Mattfeld & Kükenthal
- Lipocarpha** chaff-sedge
 Friedland, S. 1941. The American species of *Hemicarpha*. Amer. J. Bot. 28:855-861.
 Tucker, G.C. 2002. *Lipocarpha*, pp. 195-197. IN: Flora of North America, vol. 23. Oxford University Press.
aristulata (Coville) G. Tucker [Friedland 1941; Tucker 2002]
 awned chaff-sedge
Hemicarpha micrantha (Vahl) Pax var. *aristulata* Coville
drummondii (Nees) G. Tucker [Friedland 1941; M&H; Tucker 2002; W&S]
 Drummond's chaff-sedge
Hemicarpha micrantha (Vahl) Pax var. *drummondii* (Nees) Friedland
micrantha (Vahl) G. Tucker [Friedland 1941; Tucker 2002]
 small-flowered chaff-sedge
Hemicarpha micrantha (Vahl) Pax var. *minor* (Schrader) Friedland
- Schoenoplectus** bulrush
 Raynal, J. 1976. Notes cyperologiques: 26. Le genre *Schoenoplectus*. II. L'amphicarpie et la sect. *Supini*. Adansonia, series 2, 16:119-155.
 Schuyler, A.E. 1974. Typification and application of the names *Scirpus americanus* Persoon, *S. olneyi* Gray, and *S. pungens* Vahl. Rhodora 76(805):51-52.
 Smith, S.G. 1995. New combinations in North American *Schoenoplectus*, *Bolboschoenus*, *Isolepis*, and *Trichophorum* (Cyperaceae). Novon 5:97-102.
 Smith, S.G. 2002. *Schoenoplectus*, pp. 44-60. IN: Flora of North America, vol. 23. Oxford University Press.
acutus (Muhlenberg ex Bigelow) A. & D. Löve var. **occidentalis** (S. Watson) Smith [M&H; Smith 2002; W&S]
 hardstem bulrush
Scirpus acutus of NM authors
Scirpus acutus Muhlenberg ex Bigelow var. *occidentalis* (S. Watson) Beetle
Scirpus lacustris Linnaeus var. *occidentalis* S. Watson
Scirpus occidentalis (S. Watson) Chase
americanus (Persoon) Volkart ex Schinz & R. Keller [M&H; Smith 2002; W&S]
 chairmaker's bulrush
Scirpus americanus Persoon
Scirpus olneyi Gray
americanus of NM authors, not Persoon = *Schoenoplectus pungens* (Vahl) Palla var. *longispicatus* (Britton) S.G. Smith

californicus (C.A. Meyer) Palla [M&H]

California bulrush

Scirpus californicus (C.A. Meyer) Steudel

pungens (Vahl) Palla var. *longispicatus* (Britton) S.G. Smith [M&H; Smith 2002; W&S]

three-square bulrush

Scirpus americanus of NM authors, not Persoon

Scirpus pungens Vahl

tabernaemontani (C.C. Gmelin) Palla [M&H; Smith 2002]

softstem bulrush

Scirpus validus Vahl

validus Vahl = *Schoenoplectus tabernaemontani* (C.C. Gmelin) Palla

Scirpus bulrush

Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Scirpus pendulus*]

Koyama, T. 1962. The genus *Scirpus* Linn. Some North American aphyllous species. Can. J. Bot. 40:913-937.

Koyama, T. 1963. The genus *Scirpus* Linn. Critical species in the section *Pterolepis*. Can. J. Bot. 41:1107-1131.

Schuyler, A.E. 1966. The taxonomic delineation of *Scirpus lineatus* and *Scirpus pendulus*. Notulae Naturae, Acad. Nat. Sci. Philadelphia 3:1-3.

Schuyler, A.E. 1974. Typification and application of the names *Scirpus americanus* Persoon, *S. olneyi* Gray, and *S. pungens* Vahl. Rhodora 76(805):51-52.

Smith, S.G. 1995. New combinations in North American *Schoenoplectus*, *Bolboschoenus*, *Isolepis*, and *Trichophorum* (Cyperaceae). Novon 5:97-102.

Smith, S.G. & G. Yatskievich. 1996. Notes on the genus *Scirpus* sensu lato in Missouri. Rhodora 98:168-179.

Whittemore, A.T. & A.E. Schuyler. *Scirpus*, pp. 8-21. IN: Flora of North America, vol. 23. Oxford University Press.

acutus Muhlenberg ex Bigelow, sensu stricto : not known from NM (Smith 1995)

acutus of NM authors = *Schoenoplectus acutus* (Muhlenberg ex Bigelow) A. & D. Löve var. *occidentalis* (S. Watson) Smith

acutus Muhlenberg ex Bigelow var. *occidentalis* (S. Watson) Beetle = *Schoenoplectus acutus* (Muhlenberg ex Bigelow) A. & D. Löve var.

occidentalis (S. Watson) Smith

americanus of NM authors = *Schoenoplectus pungens* (Vahl) Palla

americanus Persoon = *Schoenoplectus americanus* (Persoon) Volk.

atrovirens sensu W&S = *Scirpus pallidus* (Britton) Fernald

atrovirens Muhlenberg var. *pallidus* Britton = *Scirpus pallidus* (Britton) Fernald

brittonianus Piper = *Bolboschoenus maritimus* (Linnaeus) Palla subsp. *paludosus* (A. Nelson) T. Koyama

californicus (C.A. Meyer) Steudel = *Schoenoplectus californicus* (C.A. Meyer) Palla

campestris Britton = *Bolboschoenus maritimus* (Linnaeus) Palla subsp. *paludosus* (A. Nelson) T. Koyama

fluviatilis (Torrey) Gray = *Bolboschoenus fluviatilis* (Torrey) V. Soják

lacustris Linnaeus var. *occidentalis* S. Watson = *Schoenoplectus acutus* (Muhlenberg ex Bigelow) A. & D. Löve var. *occidentalis* (S.

Watson) Smith

maritimus Linnaeus var. *paludosus* (A. Nelson) Koyama = *Bolboschoenus maritimus* (Linnaeus) Pallas subsp. *paludosus* (A. Nelson) T.

Koyama

microcarpus J. & K. Presl [M&H; W&S]

red-tinged bulrush

occidentalis (S. Watson) Chase = *Schoenoplectus acutus* (Muhlenberg ex Bigelow) Löve & Löve var. *occidentalis* (S. Watson) S.G. Smith

olneyi Gray = *Schoenoplectus americanus* (Persoon) Volkart ex Schinz & R. Keller

pallidus (Britton) Fernald [M&H]

pale bulrush

Scirpus atrovirens sensu W&S

Scirpus atrovirens Muhlenberg var. *pallidus* Britton

paludosus A. Nelson = *Bolboschoenus maritimus* (Linnaeus) Pallas subsp. *paludosus* (A. Nelson) T. Koyama

pauciflorus Lightfoot = *Eleocharis quinqueflora* (F.X. Hartman) O. Schwarz

pendulus Muhlenberg [Allred 1999]

rufous bulrush

pungens Vahl = *Schoenoplectus pungens* (Vahl) Palla

schaffneri Boeckeler = *Bulbostylis schaffneri* (Boeckeler) C.B. Clarke

validus Vahl = *Schoenoplectus tabernaemontani* (C.C. Gmelin) Palla

Stenophyllus capillaris (Linnaeus) Britton = *Bulbostylis capillaris* (Linnaeus) C. B. Clarke

funckii (Steudel) Britton = *Bulbostylis funckii* (Steudel) C.B. Clarke

Family DRACAENACEAE = AGAVACEAE

Family GRAMINEAE = POACEAE

Family HYDROCHARITACEAE

Anacharis canadensis (Michaux) Planchon = *Elodea canadensis* Michaux

densa (Planchon) Victorin = *Egeria densa* Planchon

nuttallii Planchon = *Elodea nuttallii* (Planchon) St. John

occidentalis (Pursh) Victorin = *Elodea nuttallii* (Planchon) St. John

Egeria waterweed

Cook, C.D.K. & K. Urmi-Konig. 1984. A revision of the genus *Egeria* (Hydrocharitaceae). Aquatic Bot. 13:485-504.

**densa* Planchon [M&H]

Brazilian waterweed

Anacharis densa (Planchon) Victorin

Elodea densa (Planchon) Caspary

- Philotria densa* (Planchon) Small
waterweed
- Elodea**
Catling, P.M. & W. Wojtas. 1986. The waterweeds (*Elodea* and *Egeria*, Hydrocharitaceae) in Canada. *Canad. J. Bot.* 64:1525-1541.
- bifoliata** St. John [M&H]
two-leaf waterweed
Elodea longivaginata St. John
- canadensis** Michaux [M&H]
Canadian waterweed
Anacharis canadensis (Michaux) Planchon
Elodea planchonni Caspary
Philotria canadensis (Michaux) Britton
densa (Planchon) Caspary = *Egeria densa* Planch
longivaginata St. John = *Elodea bifoliata* St. John
- nuttallii** (Planchon) St. John [M&H]
western waterweed
Anacharis nuttallii Planchon
Anacharis occidentalis (Pursh) Victorin
planchonni Caspary = *Elodea canadensis* Michaux
- Najas* = see Najadaceae
Philotria canadensis (Michaux) Britton = *Elodea canadensis* Michaux
densa (Planchon) Small = *Egeria densa* Planchon
- Vallisneria** eel-grass
americana Michaux [M&H]
American eel-grass
Vallisneria spiralis of authors
spiralis of authors = *Vallisneria americana* Michaux

Family IRIDACEAE

- Iris** iris
Foster, R.C. 1937. A cyto-taxonomic survey of the North American species of *Iris*. *Contr. Gray herb.* 119:3-82.
Henderson, N.C.. 2002. *Iris*, pp. 371-395. IN: *Flora of North America*, vol. 26. Oxford University Press, New York.
- missouriensis** Nuttall [Henderson 2002; M&H; W&S]
Rocky Mountain iris
- Orelirion arizonicum* (Rothrock) Bicknell = *Sisyrinchium arizonicum* Rothrock
- Sisyrinchium** blue-eyed-grass
Cholewa, A.F. & D.M. Henderson. 2002. *Sisyrinchium*, pp. 351-371. IN: *Flora of North America*, vol. 26. Oxford University Press, New York.
Goldblatt, P., P. Rudall, & J.E. Henrich. 1990. The genera of the *Sisyrinchium* alliance (Iridaceae: Iridoideae): Phylogeny and relationships. *Syst. Bot.* 15(3):497-510.
Henderson, D.M. 1976. A biosystematic study of Pacific northwestern blue-eyed- grasses (*Sisyrinchium*, Iridaceae). *Brittonia* 28:149-176.
Hess, W.J. 1975. Notes on the flora of the Mogollon Mountains, New Mexico. *Sida* 6:48-51. [*Sisyrinchium longipes*]
Mosquin, T. 1970. Chromosome numbers and a proposal for classification in *Sisyrinchium* (Iridaceae). *Madroño* 20:269-275.
- arizonicum** Rothrock [Cholewa & Henderson 2002; M&H; W&S]
Arizona blue-eyed-grass
Orelirion arizonicum (Rothrock) Bicknell
campestre Bicknell : Reported by M&H and W&S, but Cholewa & Henderson show the range of this species as central Kansas and eastward; our plants probably referable to *Sisyrinchium montanum*; merits verification.
- demissum** Greene [Cholewa & Henderson 2002; M&H; W&S]
stiff blue-eyed-grass
elmeri Greene : NM reports of this species belong to *Sisyrinchium longipes* (Bicknell) Kearney & Peebles; *S. elmeri* Greene is endemic to California.
- idahoense** Bicknell var. **occidentale** (Bicknell) D.M. Henderson [Cholewa & Henderson 2002; M&H; W&S]
western blue-eyed-grass
Sisyrinchium occidentale Bicknell
- longipes** (Bicknell) Kearney & Peebles [Cholewa & Henderson 2002; Hess 1975]
timberland blue-eyed-grass
- montanum** Greene var. **montanum** [Cholewa & Henderson 2002; M&H]
mountain blue-eyed-grass
occidentale Bicknell = *Sisyrinchium idahoense* Bicknell var. *occidentale* (Bicknell) D.M. Henderson

Family JUNCACEAE

- Cronquist, A. 1977. *Juncaceae*, pp. 47-67. IN: *Intermountain Flora*, vol. 6. New York Botanical Garden.
- Juncoides intermedium* (Thuiller) Rydberg = *Luzula multiflora* (Retzius) Lejeune
parviflorum (Ehrhart) Coville = *Luzula parviflora* (Ehrhart) Desvaux
spicatum (Linnaeus) Kuntze = *Luzula spicata* (Linnaeus) A.P. de Candolle
- Juncus** rush
Brooks, R.E. & S.E. Clemants. 2000. *Juncus*, p. 211-255. IN: *Flora North America*, vol. 22. Oxford University Press.
Hermann, F.J. 1975. Manual of the rushes (*Juncus* spp.) of the Rocky Mountains and Colorado Basin. USDA For. Serv. Gen. Tech. Rep. RM-18. 107 pp.
Hurd, E.G., S. Goodrich, & N.L. Shaw. 1997. Field guide to Intermountain rushes. USDA For. Ser. Gen. Tech. Rep. INT-306.

McGrath, J. 1999. New plant distribution records. The New Mexico Botanist 12:8. [*Juncus hallii*]

acuminatus Michaux [Brooks & Clemants 2000; M&H]

knotty rush

albescens (Lange) Fernald = *Juncus triglumis* Linnaeus var. *albescens* Lange

arcticus Willdenow var. **balticus** (Willdenow) Trautvetter [Brooks & Clemants 2000; M&H; W&S]

baltic rush

Juncus balticus Willdenow var. *montanus* Engelm

arcticus Willdenow var. **mexicanus** (Willdenow ex J.A. & J.H. Schultes) Balslev [Brooks & Clemants 2000; M&H; W&S]

Mexican rush

Juncus balticus Willdenow var. *mexicanus* (Willdenow ex J.A. & J.H. Schultes) Kuntze

Juncus mexicanus (Willdenow ex J.A. & J.H. Schultes)

arizonicus Wiegand = *Juncus interior* Wiegand

articulatus Linnaeus [Brooks & Clemants 2000; M&H]

jointed rush

badius Suksdorf = *Juncus nevadensis* S. Watson

balticus Willdenow var. *montanus* Engelm = *Juncus arcticus* Willdenow var. *balticus* (Willdenow) Trautvetter

balticus Willdenow var. *mexicanus* (Willdenow) Kuntze = *Juncus arcticus* Willdenow var. *mexicanus* (Willdenow ex Roemer & Schultes)

Balslev

brachyphyllus Wiegand [Hermann 1975; W&S] Note: Brooks & Clemants (2000) report this taxon some distance from NM; perhaps merits verification.

short-leaf rush

brunnescens Rydberg = *Juncus ensifolius* Wikström var. *montanus* (Engelm) C.L. Hitchcock

bufonius Linnaeus [Brooks & Clemants 2000; M&H; W&S]

toad rush

castaneus J.E. Smith [Brooks & Clemants 2000; M&H; W&S]

chestnut rush

confusus Coville [M&H; W&S]

Colorado rush

dichotomus Elliott [M&H] Note: Brooks & Clemants (2000) do not include NM; perhaps merits verification.

forked rush

drummondii E. Meyer [Brooks & Clemants 2000; M&H; W&S]

Drummond's rush

dudleyi Wiegand [Brooks & Clemants 2000; M&H; W&S]

Dudley's rush

Juncus tenuis Willdenow var. *dudleyi* (Wiegand) F.J. Hermann

effusus Linnaeus var. *solutus* Fernald & Wiegand : Reported by M&H, but specimens referred to this have been identified as *Juncus arcticus* Willdenow and *Juncus dudleyi* Wiegand.

ensifolius Wikström var. **montanus** (Engelm) C.L. Hitchcock [Brooks & Clemants 2000; M&H; W&S]

Rocky Mountain rush

Juncus brunnescens Rydberg

Juncus parous Rydberg

Juncus saximontanus A. Nelson

Juncus tracyi Rydberg

filiformis Linnaeus [M&H] Note: Brooks & Clemants (2000) report the distribution of this taxon to the north and not in NM; perhaps merits verification.

thread rush

hallii Engelm [McGrath 1999]

Hall's rush

interior Wiegand var. *arizonicus* (Wiegand) F. J. Herm. = *Juncus interior* Wiegand

interior Wiegand [Brooks & Clemants 2000; M&H; W&S]

inland rush

Juncus arizonicus Wiegand

Juncus interior Wiegand var. *arizonicus* (Wiegand) F. J. Herm.

Juncus interior Wiegand var. *neomexicanus* (Wiegand) F.J. Hermann

Juncus neomexicanus Wiegand

interior Wiegand var. *neomexicanus* (Wiegand) F.J. Hermann = *Juncus interior* Wiegand

longistylis Torrey [Brooks & Clemants 2000; M&H; W&S]

long-style rush

longistylis Torrey var. *scabratus* F.J. Hermann [= *Juncus macrophyllus* Coville] : Reported as expected by M&H but not by Brooks & Clemants (2000); awaits verification.

macer S.F. Gray = *Juncus tenuis* Willdenow

marginatus Rostkovius [M&H]

grass-leaf rush

Juncus marginatus Rostkovius var. *setosus* Coville

Juncus setosus (Coville) Small

marginatus Rostkovius var. *setosus* Coville = *Juncus marginatus* Rostkovius

mertensianus Bongard [Brooks & Clemants 2000; M&H; W&S]

Mertens's rush

mexicanus Willdenow ex J.A. & J.H. Schultes = *Juncus arcticus* Willdenow var. *mexicanus* (Willdenow ex J.A. & J.H. Schultes) Balslev

neomexicanus Wiegand = *Juncus interior* Wiegand

nevadensis S. Watson [Brooks & Clemants 2000; M&H; W&S]

Nevada rush

Juncus badius Suksdorf

Juncus nevadensis S. Watson var. *badius* (Suksdorf) C.L. Hitchcock

Juncus truncatus Rydberg

nevadensis S. Watson var. *badius* (Suksdorf) C.L. Hitchcock = *Juncus nevadensis* S. Watson

nodosus Linnaeus [Brooks & Clemants 2000; M&H; W&S]

joint-stem rush

nodosus Linnaeus var. *megacephalus* Torrey = *Juncus torreyi* Coville

parous Rydberg = *Juncus ensifolius* Wikström var. *montanus* (Engelmann) C.L. Hitchcock

parviflorus Ehrhart = *Luzula parviflora* (Ehrhart) Desvaux

saximontanus A. Nelson = *Juncus ensifolius* Wikström var. *montanus* (Engelmann) C.L. Hitchcock

setosus (Coville) Small = *Juncus marginatus* Rostkovius

spicatus Linnaeus = *Luzula spicata* (Linnaeus) A.P. de Candolle

tenuis Willdenow var. *dudleyi* (Wiegand) F.J. Hermann = *Juncus dudleyi* Wiegand

tenuis Willdenow [Brooks & Clemants 2000; M&H; W&S]

poverty rush

Juncus macer S.F. Gray

torreyi Coville [Brooks & Clemants 2000; M&H; W&S]

Torrey's rush

Juncus nodosus Linnaeus var. *megacephalus* Torrey

tracyi Rydberg = *Juncus ensifolius* Wikström var. *montanus* (Engelmann) C.L. Hitchcock

triglumis Linnaeus var. **albescens** Lange [Brooks & Clemants 2000; M&H; W&S]

northern white rush

Juncus albescens (Lange) Fernald

truncatus Rydberg = *Juncus nevadensis* S. Watson

xiphioides E. Meyer [Brooks & Clemants 2000; M&H]

iris-leaf rush

Luzula wood-rush

Correll, D.S. & H.B. Correll. 1972. Aquatic and Wetland Plants of Southwestern United States. Stanford Univ. Press. [*Luzula multiflora*]

Swab, J.C. 2000. *Luzula*, p. 255-267. IN: Flora North America, vol. 22. Oxford University Press.

comosa E. Meyer [Swab 2000; M&H; W&S]

intermediate wood-rush

Juncoides intermedium (Thuiller) Rydberg

Luzula congesta (Thuiller) Lejeune

Luzula intermedia (Thuiller) A. Nelson

campestris (Linnaeus) A.P. de Candolle var. *multiflora* (Ehrhart) Celak. = *Luzula multiflora* (Ehrhart) Lejeune

congesta (Thuiller) Lejeune = *Luzula comosa* E. Meyer

intermedia (Thuiller) A. Nelson = *Luzula comosa* E. Meyer

multiflora (Ehrhart) Lejeune : Reported by Correll & Correll (1972), but Swab's distribution is far removed from NM.

Luzula campestris (Linnaeus) A.P. de Candolle var. *multiflora* (Ehrhart) Celak.

parviflora (Ehrhart) Desvaux [Swab 2000; M&H; W&S]

small-flower wood-rush

Juncoides parviflorum (Ehrhart) Coville

Juncus parviflorus Ehrhart

spicata (Linnaeus) A.P. de Candolle [Swab 2000; M&H; W&S]

spike wood-rush

Juncoides spicatum (Linnaeus) Kuntze

Juncus spicatus Linnaeus

Family JUNCAGINACEAE

Triglochin arrow-grass

Löve, A. & D. Löve. 1958. Biosystematics of *Triglochin maritimum* agg. Naturaliste Canad. 85:156-165.

concinna Davy var. *debilis* (Jones) J.T. Howard = *Triglochin maritimum* Linnaeus

maritimum Linnaeus [M&H; W&S]

seaside arrow-grass

Triglochin concinna Davy var. *debilis* (Jones) J.T. Howard

palustre Linnaeus [M&H; W&S]

marsh arrow-grass

Family LEMNACEAE

Daubs, E.H. 1965. A monograph of Lemnaceae. Illinois Biol. Monogr. 34:1-118.

Landolt, E. 2000. Lemnaceae, p. 143-153. IN: Flora North America, vol. 22. Oxford University Press.

Lemna duckweed

Correll, D.S. & H.B. Correll. 1972. Aquatic and Wetland Plants of Southwestern United States. Stanford Univ. Press. [*Lemna obscura*]
DeLange, L. & A.H. Pieterse. 1973. A comparative study of the morphology of *Lemna gibba* L. and *Lemna minor* L. Acta Bot. Neerl. 22:510-517.
McGrath, J. 2000. New plant distribution records. The New Mexico Botanist 15:7. [*Lemna turionifera*]
Reveal, J.L. 1990. The neotypification of *Lemna minuta* Humboldt, Bonpland & Kunth, an earlier name for *Lemna minuscula* Herter (Lemnaceae). Taxon 39:328-330.

aequinotialis Welwitsch [Landolt 2000; M&H]
lesser duckweed

Lemna perpusilla Torrey var. *trinervis* Aust.

gibba Linnaeus [Landolt 2000; M&H]
inflated duckweed

minima Philippi = *Lemna minuta* Humboldt, Bonpland, & Kunth

minor Linnaeus [Landolt 2000; M&H; W&S]
common duckweed

minuta Kunth [Landolt 2000; M&H; W&S]
least duckweed

Lemna minima Philippi

obscura (Austin) Daubs [Correll & Correll 1972]
obscure duckweed

perpusilla Torrey var. *trinervis* Aust. = *Lemna aequinotialis* Welwitsch

polyrhiza Linnaeus = *Spirodela polyrhiza* (Linnaeus) Schleiden

trisulca Linnaeus [Landolt 2000; M&H; W&S]
ivy-leaf duckweed

turionifera Landolt [Landolt 2000; McGrath 2000]
turion duckweed

valdiviana Philippi [Landolt 2000]
pale duckweed

Spirodela duckmeat

polyrhiza (Linnaeus) Schleiden [M&H; W&S]
common duckmeat

Lemna polyrhiza Linnaeus

Family LILIACEAE

[Alliaceae, Asphodelaceae, Calochortaceae, Convallariaceae, Melanthiaceae]

Meerow, A.W., M.F. Fay, C.L. Guyk, Q.-B. Li, F.Q. Zaman, & M.W. Chase. 1999. Systematics of Amaryllidaceae based on cladistic analysis of plastid rbcL and trnL-F sequence data. Amer. J. Bot. 86(9):1325-1345.

Utech, F.H. 2002. Liliaceae, pp. 50-347. IN: Flora of North America, vol. 26. Oxford University Press, New York.

Allium onion

McNeal, D.W. Jr. & T.D. Jacobsen. 2002. *Allium*, pp. 224-276. IN: Flora of North America, vol. 26. Oxford University Press, New York.

Sivinski, R.C. 1998. Annotated checklist of the genus *Allium* (Liliaceae) in New Mexico. New Mexico Naturalist's Notes 1(1):43-56.

Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. Sida 11(4):455-470. [*Allium acuminatum*]

acuminatum Hooker [McNeal & Jacobsen 2002; Sivinski 1998; Spellenberg et al. 1986]
taper-tip onion

bigelovii S. Watson [M&H; McNeal & Jacobsen 2002; Sivinski 1998; W&S]
Bigelow's onion

bisceptrum S. Watson [M&H; McNeal & Jacobsen 2002; Sivinski 1998; W&S]
aspen onion

Allium bisceptrum S. Watson var. *palmeri* (S. Watson) Cronquist

Allium palmeri S. Watson

bisceptrum S. Watson var. *palmeri* (S. Watson) Cronquist = *Allium bisceptrum* S. Watson

brevistylum S. Watson : Reported by M&H and McNeal & Jacobsen (2002), but these reports are in error (Sivinski 1998; Sivinski pers. comm.).

cernuum Roth [M&H; McNeal & Jacobsen 2002; Sivinski 1998; W&S]
nodding onion

Allium cernuum Roth var. *neomexicanum* (Rydberg) MacBride

Allium cernuum Roth var. *obtusum* Cockerell ex MacBride

Allium neomexicanum Rydberg

Allium recurvatum Rydberg

cernuum Roth var. *neomexicanum* (Rydberg) MacBride = *Allium cernuum* Roth

cernuum Roth var. *obtusum* Cockerell ex MacBride = *Allium cernuum* Roth

deserticola (M.E. Jones) Wootton & Standley = *Allium macropetalum* Rydberg

drummondii Regel [M&H; McNeal & Jacobsen 2002; Sivinski 1998; W&S]

Drummond's onion

Allium helleri Small

Allium nuttallii S. Watson

funiculosum A. Nelson = *Allium geyeri* S. Watson var. *geyeri*

geyeri S. Watson var. **geyeri** [M&H; McNeal & Jacobsen 2002; Sivinski 1998; W&S]
 Geyer's onion
Allium funiculosum A. Nelson

geyeri S. Watson var. **tenerum** M.E. Jones [M&H; McNeal & Jacobsen 2002; Sivinski 1998; W&S]
 Geyer's onion
Allium rubrum Osterhout
Allium sabulicola Osterhout

glandulosum sensu M&H, not Link & Otto = *Allium rhizomatum* Wooton & Standley

gooddingii M. Ownbey [M&H; McNeal & Jacobsen 2002; Sivinski 1998]
 Goodding's onion

helleri Small = *Allium drummondii* Regel

kunthii G. Don [M&H; McNeal & Jacobsen 2002; Sivinski 1998; W&S]
 Kunth's onion
Allium scaposum Bentham

macropetalum Rydberg [M&H; McNeal & Jacobsen 2002; Sivinski 1998; W&S]
 Arizona onion
Allium deserticola (M.E. Jones) Wooton & Standley

neomexicanum Rydberg = *Allium cernuum* Roth

nuttallii S. Watson = *Allium drummondii* Regel

palmeri S. Watson = *Allium bisceptrum* S. Watson

perdulce Fraser var. **perdulce** [M&H; McNeal & Jacobsen 2002; Sivinski 1998]
 plains onion
recurvatum Rydberg = *Allium cernuum* Roth

reticulatum Fraser = *Allium textile* A. Nelson & Macbride

rhizomatum Wooton & Standley [M&H; McNeal & Jacobsen 2002; Sivinski 1998; W&S]
 New Mexico onion
Allium glandulosum sensu M&H, not Link & Otto

rubrum Osterhout = *Allium geyeri* S. Watson var. *tenerum* M.E. Jones

sabulicola Osterhout = *Allium geyeri* S. Watson var. *tenerum* M.E. Jones

scaposum Bentham = *Allium kunthii* G. Don

textile A. Nelson & Macbride [M&H; McNeal & Jacobsen 2002; Sivinski 1998]
 white wild onion
Allium reticulatum Fraser

Androstephium funnel-lily
 Pires, J.C. & J.L. Reveal. 2002. *Androstephium*, pp. 333. IN: Flora of North America, vol. 26. Oxford University Press, New York.

breviflorum S. Watson [M&H; Pires & Reveal 2002]
 pink funnel-lily

Anthericum serotinum Linnaeus = *Lloydia serotina* (Linnaeus) Sweet

torreyi Baker = *Echeandia flavescens* (J.A. & J.H. Schultes) Cruden

Anticlea elegans (Pursh) Rydberg = *Zigadenus elegans* Pursh

porrifolia (Greene) Rydberg = *Zigadenus virescens* (Humboldt, Bonpland, & Kunth) Macbride

Asparagus asparagus
 Straley, G.B. 2002. *Asparagus*, pp. 213-214. IN: Flora of North America, vol. 26. Oxford University Press, New York.

***officinalis** Linnaeus [M&H; Straley 2002; W&S]
 asparagus

Asphodelus onionweed
 Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. *Sida* 11(4):455-470. [*Asphodelus fistulosus*]
 Straley, G.B. & F.H. Utech. 2002. *Asphodelus*, pp. 218-219. IN: Flora of North America, vol. 26. Oxford University Press, New York.

***fistulosus** Linnaeus [Spellenberg et al. 1986; Straley & Utech 2002]
 onionweed

Atamosco longifolia (Hemsley) Cockerell = *Zephyranthes longifolia* Hemsley

Calochortus mariposa-lily
 Allred, K.W. 1999. New plant distribution records. *The New Mexico Botanist* 13:7. [*Calochortus flexuosus*]
 Fiedler, P.L. & R.K. Zebell. 2002. *Calochortus*, pp. 119-141. IN: Flora of North America, vol. 26. Oxford University Press, New York.

Ownbey, M. 1940. A monograph of the genus *Calochortus*. *Ann. Missouri Bot. Gard.* 27:371-553.

Ownbey, M. 1969. *Calochortus*. *Univ. Wash. Publ. Biol.* 17(1):765-779.

ambiguus (M.E. Jones) M. Ownbey [Fiedler & Zebell 2002; M&H]
 doubting Mariposa-lily

aureus S. Watson [Fiedler & Zebell 2002; M&H; W&S]
 golden Mariposa-lily
Calochortus nuttallii Torrey & Gray var. *aureus* (S. Watson) M. Ownbey

flexuosus S. Watson [Allred 1999; Fiedler & Zebell 2002]
 winding Mariposa-lily

gunnisonii S. Watson var. **gunnisonii** [Fiedler & Zebell 2002; M&H; W&S]
 Gunnison's Mariposa-lily

+gunnisonii S. Watson var. **perpulcher** Cockerell [Fiedler & Zebell 2002; M&H; Ownby 1940]

- Gunnison's Mariposa-lily
nuttallii Torrey & Gray var. *aureus* (S. Watson) M. Ownbey = *Calochortus aureus* S. Watson
nuttallii Torrey & Gray [Fiedler & Zebell 2002; M&H; W&S]
 Nuttall's Mariposa-lily
Cooperia drummondii Herbert = *Zephyranthes chlorosolen* (Herbert) D. Dietrich
Dasyilirion = see *Nolinaceae*
- Dichelostemma** bluedicks
 Pires, J.C. 2002. *Dichelostemma*, pp. 328-331. IN: Flora of North America, vol. 26. Oxford University Press, New York.
 Ry, B. 1996. Development of ovule, embryo sac, and endosperm in *Dipterostemon* and *Dichelostemma* (Alliaceae) relative to taxonomy. *Amer. J. Bot.* 83(6):790-801.
 capitatum (Benth) Wood subsp. capitatum : Reported by Kartesz (1999) without documentation; awaits verification.
capitatum (Benth) Wood subsp. *pauciflorum* (Torrey) G. Keator [M&H; Pires 2002; W&S]
 bluedicks
Dichelostemma pauciflorum (Torrey) Standley
Dichelostemma pulchellum (Salisbury) Heller var. *pauciflorum* (Torrey) Hoover
Dipterostemon pauciflorus (Torrey) Rydberg
pauciflorum (Torrey) Standley = *Dichelostemma capitatum* (Benth) Wood subsp. *pauciflorum* (Torrey) G. Keator
pulchellum (Salisbury) Heller var. *pauciflorum* (Torrey) Hoover = *Dichelostemma capitatum* (Benth) Wood subsp. *pauciflorum* (Torrey) G. Keator
- Dipterostemon pauciflorus* (Torrey) Rydberg = *Dichelostemma capitatum* (Benth) Wood subsp. *pauciflorum* (Torrey) G. Keator
Disporum trachycarpum (S. Watson) Benth & Hooker f. = *Prosartes trachycarpum* S. Watson
- Echeandia** crag-lily
 Cruden, R.W. 2002. *Echeandia*, pp. 215-216. IN: Flora of North America, vol. 26. Oxford University Press, New York.
flavescens (J.A. & J.H. Schultes) Cruden [Cruden 2002; M&H; W&S]
 Torrey's crag-lily
Anthericum torreyi Baker
- Erythronium** avalanche-lily
 Allen, G.A. & K.R. Robertson. 2002. *Erythronium*, pp. 153-164. IN: Flora of North America, vol. 26. Oxford University Press, New York.
 Applegate, E.I. 1935. The genus *Erythronium*: A taxonomic and distributional study of the western North American species. *Madroño* 3:58-113.
 Todsén, T.K. 1996. New plant distribution records. *The New Mexico Botanist* 2:6. [*Erythronium grandiflorum*]
grandiflorum Pursh subsp. *grandiflorum* [Allen & Robertson 2002; Todsén 1996]
 yellow avalanche-lily
- Fritillaria** mission-bells
 Beetle, D.E. 1944. A monograph of the North American species of *Fritillaria*. *Madroño* 7:133-159.
 Ness, B. 2002. *Fritillaria*, pp. 164-171. IN: Flora of North America, vol. 26. Oxford University Press, New York.
atropurpurea Nuttall [M&H; Ness 2002; W&S] Note: Known only from an 1892 collection from the Corrizo (Chuska) Mountains.
 spotted mission-bells
 pudica (Pursh) Sprengel : Reported by Abrams (1940-1960) for NM, but this not substantiated by any other source or specimen; awaits verification.
- Hypoxis** star-grass
 Herndon, A. 1992. Nomenclatural notes on North American *Hypoxis* (Hypoxidaceae). *Rhodora* 94:43-47.
 Holmes, W.C.. 2002. *Hypoxis*, pp. 201-204. IN: Flora of North America, vol. 26. Oxford University Press, New York.
 Sivinski, R., T. Lowrey, & C. Keller. 1995[1996]. Additions to the floras of Colorado and New Mexico. *Phytologia* 79(5):319-324.
hirsuta (Linnaeus) Coville [Sivinski et al. 1995]
 yellow star-grass
- Leucocrinum** star-lily
 Reveal, J.L. & F.H. Utech. 2002. *Leucocrinum*, pp. 217-218. IN: Flora of North America, vol. 26. Oxford University Press, New York.
montanum Nuttall ex Gray [M&H; Reveal & Utech 2002; W&S]
 star-lily
- Lilium** wood-lily
 Skinner, M.W. 2002. *Lilium*, pp. 172-197. IN: Flora of North America, vol. 26. Oxford University Press, New York.
philadelphicum Linnaeus [M&H; Skinner 2002; W&S]
 wood-lily
Lilium montanum A. Nelson
Lilium philadelphicum Linnaeus var. *andinum* (Nuttall) Ker-Gawler
Lilium umbellatum Pursh
montanum A. Nelson = *Lilium philadelphicum* Linnaeus
philadelphicum Linnaeus var. *andinum* (Nuttall) Ker-Gawler = *Lilium philadelphicum* Linnaeus
umbellatum Pursh = *Lilium philadelphicum* Linnaeus
- Lloydia** alp-lily
 Reveal, J.L. & F.H. Utech. 2002. *Lloydia*, pp. 198. IN: Flora of North America, vol. 26. Oxford University Press, New York.
serotina (Linnaeus) Salisbury ex Reichenbach var. *serotina* [M&H; Reveal & Utech 2002; W&S]
 alp-lily
Anthericum serotinum Linnaeus
- Maianthemum** false Solomon's-seal
 Galway, D.H. 1945. The North American species of *Smilacina*. *Amer. Midl. Naturalist* 33:644-666.
 LaFrankie, J.V., Jr. 1986. Transfer of the species of *Smilacina* to *Maianthemum* (Liliaceae). *Taxon* 35:584-589.
 LaFrankie, J.V.. 2002. *Maianthemum*, pp. 206-210. IN: Flora of North America, vol. 26. Oxford University Press, New York.
racemosum (Linnaeus) Link subsp. *amplexicaule* (Nuttall) LaFrankie [LaFrankie 2002; M&H; W&S]

false Solomon's-seal
Maianthemum racemosum (Linnaeus) Link var. *amplexicaule* (Nuttall) Dorn
Smilacina racemosa (Linnaeus) Desfontaines var. *amplexicaulis* (Nuttall) S. Watson
Vagnera amplexicaulis (Nuttall) Greene
racemosum (Linnaeus) Link var. *amplexicaule* (Nuttall) Dorn = *Maianthemum racemosum* (Linnaeus) Link subsp. *amplexicaule* (Nuttall) LaFrankie
racemosum (Linnaeus) Link s.s. : Not known from NM; our material referable to subsp. *amplexicaule* (Nuttall) LaFrankie.
Smilacina racemosa (Linnaeus) Desfontaines var. *racemosa*
stellatum (Linnaeus) Link [LaFrankie 2002; M&H; W&S]
starry false Solomon's-seal
Smilacina stellata (Linnaeus) Desfontaines
Vagnera stellata (Linnaeus) Morong

Milla Mexican-star
McNeal, D.W., Jr. 2002. *Milla*, pp. 346-347. IN: Flora of North America, vol. 26. Oxford University Press, New York.
biflora Cavanilles [M&H; McNeal 2002; W&S]
Mexican-star

Muscari grape-hyacinth
Straley, G.B. & F.H. Utech. 2002. *Muscari*, pp. 316-318. IN: Flora of North America, vol. 26. Oxford University Press, New York.
***neglectum** Gussone ex Tenore [M&H; Straley & Utech 2002]
grape-hyacinth
Muscari racemosum (Linnaeus) Miller
racemosum (Linnaeus) Miller = *Muscari neglectum* Gussone ex Tenore

Nolina = see Nolinaceae

Nothoscordum false-garlic
Jacobsen, T.D. & D.W. McNeal, Jr. 2002. *Nothoscordum*, pp. 276-278. IN: Flora of North America, vol. 26. Oxford University Press, New York.
bivalve (Linnaeus) Britton [Jacobsen & McNeal 2002; M&H]
crow-poison
Nothoscordum texanum M.E. Jones
texanum M.E. Jones = *Nothoscordum bivalve* (Linnaeus) Britton

Polygonatum Solomon's-seal
Ownbey, R.P. 1944. The liliaceous genus *Polygonatum* in North America. Ann. Missouri Bot. Gard. 31:373-413.
Utech, F.H. 2002. *Polygonatum*, pp. 210-212. IN: Flora of North America, vol. 26. Oxford University Press, New York.
biflorum (Walter) Elliott [M&H; Utech 2002]
Solomon's-seal
Polygonatum biflorum (Walter) Elliott var. *commutatum* (J.A. & J.H. Schultes) Morong
Polygonatum cobrense (Wooton & Standley) Gates
Polygonatum commutatum (Roemer & Schultes) Dietrich
Salomonium cobrensis Wooton & Standley
biflorum (Walter) Elliott var. *commutatum* (J.A. & J.H. Schultes) Morong = *Polygonatum biflorum* (Walter) Elliott
cobrense (Wooton & Standley) Gates = *Polygonatum biflorum* (Walter) Elliott
commutatum (Roemer & Schultes) Dietrich = *Polygonatum biflorum* (Walter) Elliott

Prosartes fairybells
Jones, Q. 1951. A cytotoxic study of the genus *Disporum* in North America. Contr. Gray Herb. 173:1-39.
Utech, F.H. 2002. *Prosartes*, pp. 142-145. IN: Flora of North America, vol. 26. Oxford University Press, New York.
trachycarpum S. Watson [M&H; Utech 2002; W&S]
fairybells
Disporum trachycarpum (S. Wateon) Bentham & Hooker f.
Salomonium cobrensis Wooton & Standley = *Polygonatum cobrense* (Wooton & Standley) Gates

Schoenocaulon feather-shank
Frame, D.. 2002. *Schoenocaulon*, pp. 79-81. IN: Flora of North America, vol. 26. Oxford University Press, New York.
texanum Scheele [Frame 2002; M&H]
Texas feather-shank
Smilacina racemosa (Linnaeus) Desfontaines var. *amplexicaulis* (Nuttall) S. Watson = *Maianthemum racemosum* (Linnaeus) Link subsp. *amplexicaule* (Nuttall) LaFrankie
racemosa (Linnaeus) Desfontaines var. *racemosa* = *Maianthemum racemosum* (Linnaeus) Link subsp. *racemosum*
stellata (Linnaeus) Desfontaines = *Maianthemum stellatum* (Linnaeus) Link

Streptopus twisted-stalk
Fassett, N.C. 1935. A study of *Streptopus*. Rhodora 37:88-113.
Utech, F.H. 2002. *Streptopus*, pp. 145-147. IN: Flora of North America, vol. 26. Oxford University Press, New York.
amplexifolius (Linnaeus) A.P. de Candolle [M&H; Utech 2002; W&S]
twisted-stalk
Streptopus amplexifolius (Linnaeus) A.P. de Candolle var. *americanus* J.A. Schultes
Streptopus amplexifolius (Linnaeus) A.P. de Candolle var. *chalazatus* Fassett
amplexifolius (Linnaeus) A.P. de Candolle var. *americanus* J.A. Schultes = *Streptopus amplexifolius* (Linnaeus) A.P. de Candolle
amplexifolius (Linnaeus) A.P. de Candolle var. *chalazatus* Fassett = *Streptopus amplexifolius* (Linnaeus) A.P. de Candolle

Toxicoscordion falcatus Rydberg = *Zigadenus venenosus* S. Watson var. *gramineus* (Rydberg) Walsh ex M.E. Peck
gramineum Rydberg = *Zigadenus venenosus* S. Watson var. *gramineus* (Rydberg) Walsh ex M.E. Peck
paniculatum (Nuttall) Rydberg = *Zigadenus paniculatus* (Nuttall) S. Watson

Vagnera amplexiaulis (Nuttall) Greene = *Maianthemum racemosum* (Linnaeus) Link subsp. *amplexicaule* (Nuttall) LaFrankie
stellata (Linnaeus) Morong = *Maianthemum stellatum* (Linnaeus) Link

Veratrum skunk-cabbage

McNeal, D.W. Jr. & A.D. Shaw. 2002. *Veratrum*, pp. 72-76. IN: Flora of North America, vol. 26. Oxford University Press, New York.

californicum Durand var. **californicum** [M&H; McNeal & Shaw 2002; W&S]

western skunk-cabbage

Veratrum speciosum Rydberg

speciosum Rydberg = *Veratrum californicum* Durand

Yucca = see Agavaceae

Zephyranthes zephyr-lily

Flagg, R.O., G.L. Smith, & W.S. Flory. 2002. *Zephyranthes*, pp. 296-303. IN: Flora of North America, vol. 26. Oxford University Press, New York.

Spellenberg, R., M. Mahrt & R. Brozka. 1991. Noteworthy collections, New Mexico. *Madroño* 38:298-301. [*Zephyranthes chlorosolen*]

chlorosolen (Herbert) D. Dietrich [Spellenberg et al. 1991]

Drummond's rain-lily

Cooperia drummondii Herbert

Zephyranthes brazosensis Traub

brazosensis Traub = *Zephyranthes chlorosolen* (Herbert) D. Dietrich

longifolia Hemsley [Flagg et al. 2002; M&H]

zephyr-lily

Atamosco longifolia (Hemsley) Cockerell

Zigadenus deathcamas

Hess, W.J. & R.C. Sivinski. 1995. A new species of *Zigadenus* (Liliaceae) from New Mexico, with additional comments on the section *Anticlea*. *Sida* 16(3):389-400. [*Zigadenus mogollonensis*]

Schwartz, F.C. 2002. *Zigadenus*, pp. 81-88. IN: Flora of North America, vol. 26. Oxford University Press, New York.

Zomlefer, W.B. 2003. Documented chromosome numbers 2003: 1. Chromosome number of *Toxicoscordion nuttallii* (Liliaceae: Melanthiaceae) and clarification of the genus. *Sida* 20(3):1085-1092.

coloradoensis Rydberg = *Zigadenus elegans* Pursh

dilatatus Greene = *Zigadenus elegans* Pursh

elegans Pursh [M&H; Schwartz 2002; W&S]

mountain deathcamas

Anticlea elegans (Pursh) Rydberg

Zigadenus coloradoensis Rydberg

Zigadenus dilatatus Greene

falcatus Rydberg = *Zigadenus venenosus* S. Watson var. *gramineus* (Rydberg) Walsh ex M.E. Peck

gramineus Rydberg = *Zigadenus venenosus* S. Watson var. *gramineus* (Rydberg) Walsh ex M.E. Peck

intermedius Rydberg = *Zigadenus venenosus* S. Watson var. *gramineus* (Rydberg) Walsh ex M.E. Peck

+mogollonensis Hess & Sivinski [Hess & Sivinski 1995; Schwartz 2002]

Mogollon deathcamas

paniculatus (Nuttall) S. Watson [M&H; Schwartz 2002; W&S]

sand-corn

Toxicoscordion paniculatum (Nuttall) Rydberg

porrifolius Greene = *Zigadenus virescens* (Humboldt, Bonpland, & Kunth) Macbride

venenosus S. Watson var. **gramineus** (Rydberg) Walsh ex M.E. Peck [M&H; W&S]

meadow deathcamas

Toxicoscordion gramineum Rydberg

Zigadenus falcatus Rydberg

Zigadenus gramineus Rydberg

Zigadenus intermedius Rydberg

virescens (Humboldt, Bonpland, & Kunth) Macbride [M&H; Schwartz 2002; W&S]

green deathcamas

Anticlea porrifolia (Greene) Rydberg

Zigadenus porrifolius Greene

Family MELANTHIACEAE = LILIACEAE

Family NAJADACEAE

Caulinia guadalupensis Sprengel = *Najas guadalupensis* (Sprengel) Magnus

Naias = *Najas*

Najas water-nymphs

Clausen, R.T. 1936. Studies in the genus *Najas* in the northern United States. *Rhodora* 38:333-345.

guadalupensis (Sprengel) Magnus [M&H; W&S]

Guadalupe water-nymph

Caulinia guadalupensis Sprengel

marina Linnaeus [M&H]

spiny water-nymph

Potamogeton = see POTOMOGETONACEAE

Ruppia = see RUPPIACEAE

Zannichellia = see ZANNICHELLIACEAE

Family NOLINACEAE

- Bogler, D. 1998. Nolinaceae, pp. 392-397. IN: K. Kubitzki (ed.). The Families and Genera of Vascular Plants. Vol. III. Flowering Plants - Monocotyledons, Liliaceae (except Orchidaceae). Springer-Verlag, New York.
- Bogler, D.J. & B.B. Simpson. 1995. A chloroplast DNA study of the Agavaceae. Syst. Bot. 20(2):191-205.
- Dasyliirion** sotol
- Bogler, D.J. 1995. Systematics of *Dasyliirion*: Taxonomy and molecular phylogeny. Bol. Soc. Bot. Mexico. 56:69-76.
- Bogler, D.J. 2002. *Dasyliirion*, pp. 422-423. IN: Flora of North America, vol. 26. Oxford University Press, New York.
- leiophyllum** Engelmann ex Trelease [Bogler 2002; W&S]
green sotol
- wheeleri** S. Watson [Bogler 2002; M&H; W&S]
common sotol, desert spoon
- Nolina** beargrass
- Hess, W.J. 2002. *Nolina*, pp. 415-421. IN: Flora of North America, vol. 26. Oxford University Press, New York.
- micrantha** I.M. Johnston [Hess 2002]
chaparral beargrass
- microcarpa** S. Watson [Hess 2002; M&H; W&S]
sacahuista, beargrass
- texana** S. Watson [Hess 2002; M&H]
Texas beargrass
- greenei** S. Watson [Hess 2002; W&S]
Greene's beargrass

Family ORCHIDACEAE

- Arenas, S. & M. Angel. 1988. Updated list of the orchids of Mexico. Orquidea 11:233-276.
- Coleman, R.A. 2002. The Wild Orchids of Arizona and New Mexico. Cornell University Press, Ithaca, NY. 248 p.
- Correll, D.S. 1950. Native orchids of North America north of Mexico. Chronica Botanica 26:1-399.
- Dressler, R.L. 1993. Phylogeny and classification of the orchid family. Dioscorides Press, Portland, Oregon.
- Luer, C.A. 1975. The native orchids of the United States and Canada, excluding Florida. New York Botanical Garden.
- Todsen, T. 2000. Artificial key to the orchids of New Mexico. The New Mexico Botanist 14:1-2.
- Achroanthes porphyrea* (Ridley) Wootton & Standley = *Malaxis wendtii* Salazar
- montana* (Rothrock) Greene = *Malaxis soulei* L.O. Williams
- Calypso** fairy-slipper
- Sheviak, C.J. & P.M. Catling. 2002. *Calypso*, pp. 622-623. IN: Flora of North America, vol. 26. Oxford University Press, New York.
- americana* R. Brown = *Calypso bulbosa* (Linnaeus) Oakes var. *americana* (R. Brown) Luer
- bulbosa** (Linnaeus) Oakes var. **americana** (R. Brown ex Aiton f.) Luer [Coleman 2002; M&H; Sheviak & Catling 2002; W&S]
fairy-slipper orchid
- Calypso americana* R. Brown ex Aiton f.
Cytherea bulbosa of NM authors
- Coeloglossum** frog-orchid
- Sheviak, C.J. & P.M. Catling. 2002. *Coeloglossum*, pp. 580. IN: Flora of North America, vol. 26. Oxford University Press, New York.
- bracteatum* (Muhlenberg) Parlatore = *Coeloglossum viride* (Linnaeus) Hartman var. *virescens* (Muhlenberg ex Willdenow) Luer
- viride** (Linnaeus) Hartman var. **virescens** (Muhlenberg ex Willdenow) Luer [Coleman 2002; M&H; Sheviak & Catling 2002; W&S]
frog-orchid
- Coeloglossum bracteatum* (Muhlenberg) Parlatore
Habenaria bracteata (Muhlenberg) R. Brown
Habenaria viridis (Linnaeus) R. Brown var. *bracteata* (Muhlenberg ex Willdenow) Gray
- Corallorhiza** coral-root
- Freudenstein, J. 1997. A monograph of *Corallorhiza*, Orchidaceae. Harvard Papers in Botany 10:5-51.
- Magrath, L.K. & J.V. Freudenstein. 2002. *Corallorhiza*, pp. 633-638. IN: Flora of North America, vol. 26. Oxford University Press, New York.
- Todsen, T.K. 1970. *Spiranthes parasitica* and *Corallorhiza wisteriana* (Orchidaceae) new to New Mexico. Southw. Natural. 14(4):447-452.
- Todsen, T.K. 1971. Color variation of *Corallorhiza* in New Mexico. Southw. Naturalist 16(1):121-122.
- maculata** Rafinesque var. **maculata** [Freudenstein 1997; M&H; Magrath & Freudenstein 2002; W&S]
spotted coral-root
- Corallorhiza multiflora* Nuttall
- maculata** Rafinesque var. **occidentalis** (Lindley) Ames [Freudenstein 1997; Magrath & Freudenstein 2002]
spotted coral-root
- maculata** Rafinesque var. **mexicana** (Lindley) Freudenstein [Coleman 2002]
spotted coral-root
- odontorhiza** (Willdenow) Poiret var. **odontorhiza** [Magrath & Freudenstein 2002]
fall coral-root
- multiflora* Nuttall = *Corallorhiza maculata* Rafinesque
- striata* Lindley var. *flavida* Todsen = *Corallorhiza striata* Lindley var. *vreelandii* (Rydberg) L.O. Williams
- striata** Lindley var. **striata** [Luer 1975; Magrath & Freudenstein 2002]
hooded coral-root
- striata** Lindley var. **vreelandii** (Rydberg) L.O. Williams [Coleman 2002; Freudenstein 1997; M&H; W&S]
hooded coral-root

- Corallorhiza striata* Lindley var. *flavida* Todsén
Corallorhiza vreelandii Rydberg
trifida Chatelain [Coleman 2002; Freudenstein 1997; M&H; Magrath & Freudenstein 2002]
yellow coral-root
vreelandii Rydberg = *Corallorhiza striata* Lindley var. *vreelandii* (Rydberg) L.O. Williams
wisteriana Conrad [Coleman 2002; Freudenstein 1997; M&H; Magrath & Freudenstein 2002; Todsén 1970]
spring coral-root
- Cypripedium** ladies-slipper
Sheviak, C.J. 1995. *Cypripedium parviflorum* Salisbury, Part 2: The large-flowered plants and patterns of variation. Amer. Orchid Soc. Bull. 64(June):606-612.
Sheviak, D.J. 2002. *Cypripedium*, pp. 499-507. IN: Flora of North America, vol. 26. Oxford University Press, New York.
calceolus Linnaeus var. *pubescens* (Willdenow) Correll = *Cypripedium parviflorum* Salisbury var. *pubescens* (Willdenow) Knight
parviflorum Salisbury var. **pubescens** (Willdenow) Knight [Coleman 2002; M&H; Sheviak 1995, 2002; W&S]
yellow ladies-slipper
Cypripedium calceolus Linnaeus var. *pubescens* (Willdenow) Correll
Cypripedium pubescens Willdenow
Cypripedium veganum Cockerell
pubescens Willdenow = *Cypripedium parviflorum* Salisbury var. *pubescens* (Willdenow) Knight
veganum Cockerell = *Cypripedium parviflorum* Salisbury var. *pubescens* (Willdenow) Correll
Cytherea bulbosa of NM authors = *Calypso bulbosa* (Linnaeus) Oakes var. *americana* (R. Brown) Luer
- Epipactis** helleborine
Brown, P.M. & G.W. Argus. 2002. *Epipactis*, pp. 584-586. IN: Flora of North America, vol. 26. Oxford University Press, New York.
Sivinski, R. 1993. Noteworthy collections (New Mexico). Madroño 40:273-274. [*Epipactis helleborine*]
gigantea Douglas ex Hooker [Brown & Argus 2002; Coleman 2002; M&H; W&S]
giant helleborine
***helleborine** (Linnaeus) Crantz [Brown & Argus 2002; Coleman 2002; Sivinski 1993]
broad-leaved helleborine
- Goodyera** rattlesnake-plantain
Kallunki, J.A. 2002. *Goodyera*, pp. 514-517. IN: Flora of North America, vol. 26. Oxford University Press, New York.
decepiens (Hooker) F. T. Hubbard = *Goodyera oblongifolia* Rafinesque
oblongifolia Rafinesque [Coleman 2002; Kallunki 2002; M&H; W&S]
green rattlesnake-plantain
Goodyera decepiens (Hooker) F. T. Hubbard
Peramium decepiens (Hooker) Piper
Peramium menziesii (Lindley) Morong
repens (Linnaeus) R. Brown ex Aiton f. [Coleman 2002; Kallunki 2002; M&H; W&S]
dwarf rattlesnake-plantain
Goodyera repens (Linnaeus) R. Brown ex Aiton f. var. *ophioides* Fernald
Peramium ophioides (Fernald) Rydberg
repens (Linnaeus) R. Brown ex Aiton f. var. *ophioides* Fernald = *Goodyera repens* (Linnaeus) R. Brown
- Habenaria bracteata* (Muhlenberg) R. Brown = *Coeloglossum viride* (Linnaeus) Hartman var. *virescens* (Muhlenberg ex Willdenow) Luer
brevifolia Greene = *Platanthera brevifolia* (Greene) Kranzlin
dilatata (Pursh) Hooker = *Platanthera dilatata* (Pursh) Lindley ex Beck var. *dilatata*
hyperborea (Linnaeus) R. Brown = *Platanthera hyperborea* (Linnaeus) Lindley var. *hyperborea*
limosa (Lindley) Hemsley = *Platanthera limosa* Lindley
neomexicana Tidestrom =? *Platanthera hyperborea* (Linnaeus) Lindley var. *purpurascens* (Rydberg) Luer
saccata Greene (= *Platanthera stricta* Lindley) : This species does not occur in NM (Luer 1975; Todsén pers. comm.); NM material that has gone by this name is assigned to *Platanthera hyperborea* (Linnaeus) Lindley var. *purpurascens* (Rydberg) Luer
sparsiflora S. Watson var. *brevifolia* (Greene) Correll = *Platanthera brevifolia* (Greene) Kranzlin
sparsiflora S. Watson var. *laxiflora* (Rydberg) Correll = *Platanthera hyperborea* (Linnaeus) Lindley var. *gracilis* (Lindley) Luer
sparsiflora S. Watson var. *sparsiflora* = *Platanthera sparsiflora* (S. Watson) Schlectendal var. *sparsiflora*
thurberi A. Gray = *Platanthera limosa* Lindley
viridis (Linnaeus) R. Brown var. *bracteata* (Muhlenberg ex Willdenow) Gray = *Coeloglossum viride* (Linnaeus) Hartman var. *virescens* (Muhlenberg ex Willdenow) Luer
- Hexalectris** crested-coral-root
Burgess, T.L. & D.K. Northington. 1981. Plants of the Guadalupe Mountains and Carlsbad Caverns National Parks. Chihuahuan Desert Research Institute Contr. No. 107:1-174. [*Hexalectris nitida*]
Catling, P.M. & V.S. Engel. 1993. Systematics and distribution of *Hexalectris spicata* var. *arizonica* (Orchidaceae). Lindleyana 8(3):119-125.
Goldman, D.H., R.A. Coleman, L.K. Magrath, & P.M. Catling. 2002. *Hexalectris*, pp. 603-607. IN: Flora of North America, vol. 26. Oxford University Press, New York.
Howell, D.J. 1986. Status report: *Hexalectris nitida* L.O. Wms. in Johnston. Office of Endangered Species, Fish and Wildlife Service, Albuquerque, New Mexico.
Todsén, T.K. 2000. New plant distribution records. The New Mexico Botanist 14:4. [*Hexalectris revoluta*]
nitida L.O. Williams [Burgess & Northington 1981; Coleman 2002; Goldman 2002; Howell 1986]
Glass Mountain crested-coral-root
revoluta Correll [Todsén 2000]
roll-leaf crested-coral-root
spicata (Walter) Barnhart var. **arizonica** Catling & Engelmann [Catling & Engel 1993; Coleman 2002; Goldman et al. 2002]
Arizona crested-coral-root
spicata (Walter) Barnhart var. **spicata** [Coleman 2002; Goldman et al. 2002; Luer 1975; M&H]

spike crested-coral-root
Ibidium cernuum (Linnaeus) House [=Spiranthes cernua (Linnaeus) L.C.M. Richard : Not occurring in NM, but replaced by *Spiranthes magnicamporum* Sheviak (Luer 1975; Sheviak 1982).
strictum House = *Spiranthes romanzoffiana* Chamisso
Limmorchis borealis (Chamisso) Rydberg = *Platanthera dilatata* (Pursh) Lindley ex Beck var. *dilatata*
brevifolia (Greene) Rydberg = *Platanthera brevifolia* (Greene) Kranzlin
dilatata Rydberg = *Platanthera dilatata* (Pursh) Lindley ex Beck var. *dilatata*
ensifolia Rydberg = *Platanthera sparsiflora* (S. Watson) Schlechter var. *ensifolia* (Rydberg) Luer
hyperborea (Linnaeus) Rydberg = *Platanthera hyperborea* (Linnaeus) Lindley var. *hyperborea*
laxiflora Rydberg = *Platanthera hyperborea* (Linnaeus) Lindley var. *gracilis* (Lindley) Luer
purpurascens (Rydberg) Rides = *Platanthera hyperborea* (Linnaeus) Lindley var. *purpurascens* (Rydberg) Luer
sparsiflora (S. Watson) Rydberg = *Platanthera sparsiflora* (S. Watson) Schlechter var. *sparsiflora*
stricta (Lindley) Rydberg [=Platanthera stricta Lindley] : Reported as a synonym in M&H, but not occurring in NM (Luer 1975).
thurberi (Gray) Rydberg = *Platanthera limosa* Lindley
viridiflora (Chamisso) Rydberg [=Platanthera hyperborea (Linnaeus) Lindley var. *viridiflora* (Chamisso) Luer] : Reported as a synonym in M&H, and attributed to NM by various authors, but not occurring in NM (Luer 1973).

Listera twayblade
Magrath, L.K. & R.A. Coleman. 2002. *Listera*, pp. 586-592. IN: Flora of North America, vol. 26. Oxford University Press, New York.
cordata (Linnaeus) R. Brown var. *nephrophylla* (Rydberg) Hultén [Magrath & Coleman 2002; M&H; W&S]
heart-leaf twayblade
Listera nephrophylla Rydberg
Ophrys nephrophylla Rydberg
nephrophylla Rydberg = *Listera cordata* (Linnaeus) R. Brown var. *nephrophylla* (Rydberg) Hultén

Malaxis adder's-mouth
Catling, P.M. & L.K. Magrath. 2002. *Malaxis*, pp. 627-632. IN: Flora of North America, vol. 26. Oxford University Press, New York.
Todsén, T.K. 1997. Naming a southwestern *Malaxis* (Orchidaceae). *Sida* 17(3):637-638.
abieticola Salazar & Arenas [Catling & Magrath 2002; Coleman 2002; Luer 1975; M&H]
Arizona adder's-mouth
Malaxis tenuis (S. Watson) Ames, not Reichenbach f.
corymbosa (S. Watson) Kuntze : Reported as expected by M&H; awaits verification.
ehrenbergii (Reichenbach f.) Kuntze : Not occurring in NM; our material referable to *Malaxis porphyrea* (Todsén 1997).
macrostachya (Lexarza) Kuntze : Not occurring in NM; our material referable to *Malaxis soulei* L.O. Williams (Todsén, pers. comm.).
porphyrea (Ridley) Kuntze [Coleman 2002; M&H; Todsén 1997; W&S]
Cochise adder's-mouth
Achroanthes porphyrea (Ridley) Wootton & Standley
Microstylis porphyrea Ridley
soulei L.O. Williams [Arenas & Angel 1988; Catling & Magrath 2002; Coleman 2002; M&H; W&S]
Chihuahua adder's-mouth
Achroanthes montana (Rothrock) Greene
tenuis (S. Watson) Ames, not Reichenbach f. = *Malaxis abieticola* Salazar & Arenas
wendtii Salazar : Reported by Todsén (1995), but identification corrected to *Malaxis porphyrea* (Ridley) Kuntze (Todsén, pers. comm.).
Microstylis porphyrea Ridley = *Malaxis porphyrea* (Ridley) Kuntze

Microthelys Mexican ladies-tresses
Coleman, R.A. & M. Baker. 2006. *Microthelys rubrocallosa*, a new addition to the orchid flora of the United States. *Orchids*, Jan 2006:56-57. [*Microthelys rubrocallosa*]
Jenkins, P. 2005. Plant distribution reports. *The New Mexico Botanist* 34:7. [*Microthelys rubrocallosa*]
rubrocallosa (B.L. Robinson & Greenman) Garay [Coleman & Baker 2006; Jenkins 2005]
Mexican ladies-tresses
Spiranthes rubrocallosa B.L. Robinson & Greenman
Ophrys nephrophylla Rydberg = *Listera cordata* (Linnaeus) R. Brown var. *nephrophylla* (Rydberg) Hultén
Peramium decipiens (Hooker) Piper = *Goodyera oblongifolia* Rafinesque
menziesii (Lindley) Morong = *Goodyera oblongifolia* Rafinesque
ophioides (Fernald) Rydberg = *Goodyera repens* (Linnaeus) R. Brown ex Aiton f.

Piperia rein-orchid
Ackerman, J.C. & R. Morgan. 2002. *Piperia*, pp. 571-577. IN: Flora of North America, vol. 26. Oxford University Press, New York.
Sivinski, R. & K. Lightfoot, eds. 1994. Inventory of rare and endangered plants of New Mexico. New Mexico Forestry and Resources Conservation Division, Misc. Publ. No. 3. [*Piperia unalascensis*]
unalascensis (Sprengel) Rydberg [Ackerman & Morgan 2002; Coleman 2002; Sivinski & Lightfoot 1994]
Alaska rein-orchid

Platanthera bog-orchid
Correll, D.S. & H.B. Correll. 1972. Aquatic and Wetland Plants of Southwestern United States. Stanford Univ. Press. [*Platanthera sparsiflora* var. *laxiflora*]
Luer, C.A. 1975. The native orchids of the United States and Canada, excluding Florida. New York Botanical Garden.
Sheviak, C.J. 1999. The identities of *Platanthera hyperborea* and *P. huronensis*, with the description of a new species North America. *Lindleyana* 14(4):193-203. [*Platanthera aquilonis*]
Sheviak, C.J. 2002. *Platanthera*, pp. 551-571. IN: Flora of North America, vol. 26. Oxford University Press, New York.
aquilonis Sheviak [Coleman 2002; Sheviak 1999, 2002]
green bog-orchid
Platanthera hyperborea sensu NM works
brevifolia (Greene) Kranzlin [Coleman 2002; M&H; Sheviak 2002; W&S]

short-leaf fringed-orchid

- Habenaria brevifolia* Greene
Habenaria sparsiflora S. Watson var. *brevifolia* (Greene) Correll
Limnorchis brevifolia (Greene) Rydberg
Platanthera sparsiflora (S. Watson) Schlechter var. *brevifolia* (Greene) Luer
dilatata (Pursh) Lindley ex Beck : Reported by M&H & W&S, but Coleman (2002) and Sheviak (2002) exclude it from NM; material reported as this taxon is most likely referred to *Platanthera huronensis* Lindley.
Habenaria dilatata (Pursh) Hooker
Limnorchis borealis (Chamisso) Rydberg
Limnorchis dilatata (Pursh) Rydberg

huronensis Lindley [Coleman 2002; Correll & Correll 1972; Luer 1975; Sheviak 2002]

green fringed-orchid

- Habenaria sparsiflora* S. Watson var. *laxiflora* (Rydberg) Correll
Habenaria laxiflora Rydberg
Platanthera hyperborea (Linnaeus) Lindley var. *gracilis* (Lindley) Luer
hyperborea (Linnaeus) Lindley var. *gracilis* (Lindley) Luer = *Platanthera huronensis* Lindley
hyperborea sensu NM works = *Platanthera aquilonis* Sheviak; the true *P. hyperborea* (Linnaeus) Lindley is an Icelandic plant (Sheviak 1999).
Habenaria hyperborea (Linnaeus) R. Brown
Limnorchis hyperborea (Linnaeus) Rydberg
Orchis hyperborea Linnaeus

hyperborea (Linnaeus) Lindley var. *purpurascens* (Rydberg) Luer = *Platanthera purpurascens* (Rydberg) Sheviak & Jennings
hyperborea (Linnaeus) Lindley var. *viridiflora* (Chamisso) Luer : Reported as a synonym in M&H, and attributed to NM by various authors, but not occurring in NM (Luer 1975).

limosa Lindley [Coleman 2002; M&H; Sheviak 2002; W&S]

Thurber's bog-orchid

- Habenaria limosa* (Lindley) Hemsley
Habenaria thurberi A. Gray
Limnorchis thurberi (Gray) Rydberg
purpurascens (Rydberg) Sheviak & Jennings [Coleman 2002; Luer 1975; Sheviak 2002; W&S]

purple bog-orchid

- Habenaria neomexicana* Tidestrom Note: Luer (1975) placed this name in synonymy under *Platanthera stricta* Lindley, which does not occur in NM.; placed here tentatively.
Limnorchis purpurascens (Rydberg) Rides
Platanthera hyperborea (Linnaeus) Lindley var. *purpurascens* (Rydberg) Luer
sparsiflora (S. Watson) Schlechter var. *brevifolia* (Greene) Luer = *Platanthera brevifolia* (Greene) Kranzlin
sparsiflora (S. Watson) Schlechter var. *ensifolia* (Rydberg) Luer = *Platanthera sparsiflora* (S. Watson) Schlechter
sparsiflora (S. Watson) Schlechter [Coleman 2002; Luer 1975; M&H; Sheviak 2002; W&S]

canyon bog-orchid

- Habenaria sparsiflora* S. Watson
Limnorchis ensifolia Rydberg
Limnorchis sparsiflora (S. Watson) Rydberg
Platanthera sparsiflora (S. Watson) Schlechter var. *ensifolia* (Rydberg) Luer
stricta Lindley : Reported as a synonym in M&H, but not occurring in NM; plants known as this are referred to *Platanthera purpurascens* (Rydberg) Sheviak & Jennings (Coleman 2002; Luer 1975).

Schiedeella

Indian-braids

- Balogh, P. 1982. Generic redefinition in subtribe Spiranthinae (Orchidaceae). Amer. J. Bot. 69:1119-1132.
Brown, P.M. 2002. *Schiedeella*, pp. 530. IN: Flora of North America, vol. 26. Oxford University Press, New York.
Brown, P.M. & R.A. Coleman. 2000. *Schiedeella arizonica*: A new species from the southwestern United States. North American Native Orchid Journal 6:3-17.
Garay, L.A. 1982. Generic revision of the Spiranthinae. Bot. Mus. Leafl. Harvard Univ. 28:311-313.
Hess, W.J. 2000. New plant distribution records. The New Mexico Botanist 15:7. [*Spiranthes parasitica*]
Todsén, T.K. 1970. *Spiranthes parasitica* and *Corallorhiza wisteriana* (Orchidaceae) new to New Mexico. Southw. Natural. 14(4):447-452. [*Schiedeella parasitica*]

arizonica P.M. Brown [Brown 2002; Brown & Coleman 2000; Coleman 2002; Hess 2000; M&H; Todsén 1970]

Indian-braids

- Schiedeella parasitica* of NM authors
Spiranthes parasitica of NM authors
parasitica of NM authors = *Schiedeella arizonica* P.M. Brown

Spiranthes

ladies-tresses

- Balogh, P. 1982. Generic redefinition in subtribe Spiranthinae (Orchidaceae). Amer. J. Bot. 69:1119-1132.
Garay, L.A. 1982. Generic revision of the Spiranthinae. Bot. Mus. Leafl. Harvard Univ. 28:311-313.
Sheviak, C.J. & P.M. Brown. 2002. *Spiranthes*, pp. 530-545. IN: Flora of North America, vol. 26. Oxford University Press, New York.
Sivinski, R. & K. Lightfoot, eds. 1994. Inventory of rare and endangered plants of New Mexico. New Mexico Forestry and Resources Conservation Division, Misc. Publ. No. 3. [*Spiranthes magnicamporum*]
cernua (Linnaeus) L.C.M. Richard s.s. : Reported by M&H, but not known in NM; replaced by *Spiranthes magnicamporum* Sheviak (Coleman 2002; Luer 1975; Sheviak 1982).

magnicamporum Sheviak [Coleman 2002; Luer 1975; Sheviak & Brown 2002; Sivinski & Lightfoot 1994]

Great Plains ladies-tresses

- Spiranthes cernua* of NM works
michuacana (La Llave & Lexarza) Hemsley : Reported as expected by M&H; awaits verification.

parasitica of NM authors = *Schiedeella arizonica* P.M Brown

romanzoffiana Chamisso [Coleman 2002; M&H; Sheviak & Brown 2002; W&S]

hooded ladies-tresses

Ibidium strictum House

rubrocallosa B.L. Robinson & Greenman = *Microthelys rubrocallosa* (B.L. Robinson & Greenman) Garay

vernalis Engelman & Gray : Reported as expected by M&H; awaits verification.

Family POACEAE (GRAMINEAE)

Allred, K.W. 1990. New Mexico grass types and a selected bibliography of New Mexico grass taxonomy. Great Basin Natural. 50(1):73-82.

Allred, K.W. 2005. A Field Guide to the Grasses of New Mexico, 3rd ed. Agric. Exp. Sta. New Mexico State University. 388 pp.

Allred, K.W., S.L. Hatch, & R. Soreng. 1986. Verified checklist of the grasses of New Mexico. New Mexico Agr. Exp. Sta. Res. Rep. 579. 45 pp.

Clayton, W.E. & S.A. Revnoize. 1986. Genera Graminum. Kew Bull. Additional Series No. 13.

Estes, J.R. & R.J. Tylr. 1982. The generic concept and generic circumscription in the Triticeae: an end paper. IN J.R. Estes, R.J. Tylr, & J.N. Brunken (eds.), Grasses and Grasslands. p. 145-164. Univ. Oklahoma Press. Norman, Oklahoma.

Hitchcock, A.S. & A. Chase. 1951. Manual of the Grasses of the United States. 2nd ed. USDA Misc. Publ. 200. 1051 p.

Holmgren, A.H. & N.H. Holmgren. 1977. Tribe 3. Triticeae, pp. 292-336. IN: Intermountain Flora, vol. 6. New York Botanical Garden.

Peterson, P.M., R.D. Webster, & J. Valdes-Reyna. 1997. Genera of New World Eragrostideae (Poaceae: Chloridoideae). Smithsonian Contr. Bot. 87.

Tucker, G.C. 1990. The genera of Arundinoideae (Gramineae) in the southeastern United States. J. Arnott Arbor. 71:145-177.

Watson, L. & M.J. Dallwitz. 1992. The grass genera of the world. CAB International, Wallingford, United Kingdom, 1038 pp.

Wootton, E.O. & P.C. Standley. 1912. The grasses and grasslike plants of New Mexico. New Mex. Agr. Exp. Sta. Bull. No. 81. 175 pp.

Acamptocladus sessilispicus (Buckley) Nash = *Eragrostis sessilispica* Buckley

Achnatherum needlegrass

Allred, K.W. & K. Heil. 2000. New plant distribution records. The New Mexico Botanist 15:7. [*Stipa arida*, *Stipa speciosa*]

Barkworth, M.E. 1993. North American Stipeae (Gramineae): Taxonomic changes and other comments. Phytologia 74(1):1-25.

Hartman, R.L., B. Reif, B.E. Nelson, & B. Jacobs. 2006. New vascular plant records for New Mexico. Sida 22(2):1225-1233. [*Achnatherum nelsonii nelsonii*]

Hatch, S.L. & D.A. Bearden. 1983. *Stipa curvifolia* (Poaceae) -- Studies on a rare taxon. Sida 10(2):184-187.

Johnson, B.L. 1945. Natural hybrids between *Oryzopsis hymenoides* and several species of *Stipa*. Amer. J. Bot. 32:599-608.

aridum (Jones) Barkworth [Allred & Heil 2000]

Mormon needlegrass

Stipa arida Jones

Stipa mormonum Mez

×**bloomeri** (Bolander) Barkworth [Allred 2005]

Bloomer's ricegrass

Oryzopsis bloomeri (Bolander) Ricker

Stipa bloomeri Bolander

×*Stiporyzopsis bloomeri* (Bolander) B.L. Johnson

curvifolium (Swallen) Barkworth [Allred 2005; M&H]

Guadalupe needlegrass

Stipa curvifolia Swallen

eminens (Cavanilles) Barkworth [Allred 2005; M&H; W&S]

southwestern needlegrass

Stipa eminens Cavanilles

hymenoides (Roemer & J.A. Schultes) Barkworth [Allred 2005; M&H; W&S]

Indian ricegrass

Eriocoma cuspidata Nuttall

Oryzopsis hymenoides (Roemer & Schultes) Ricker ex Piper

Stipa hymenoides Roemer & Schultes

lettermanii (Swallen) Barkworth [Allred 2005; M&H; W&S]

Letterman's needlegrass

Stipa lettermanii Vasey

lobatum (Swallen) Barkworth [Allred 2005; M&H]

little-awn needlegrass

Stipa lobata Swallen

nelsonii Scribner var. **nelsonii** [Hartman et al. 2006]

Nelson's needlegrass

perplexum Hoge & Barkworth [Allred 2005; M&H; W&S] Note: Replaces *Stipa nelsonii* Scribner subsp. *dorei* Barkworth & Maze in NM.

New Mexico needlegrass

Stipa columbiana of NM reports

Stipa minor sensu NM authors

Stipa perplexa (Hoge & Barkworth) J. Wipff & S.D. Jones

pinetorum (M.E. Jones) Barkworth : Reported for NM by Kartesz (1999) without documentation; awaits verification.

robustum (Vasey) Barkworth [Allred 2005; M&H; W&S]

sleepygrass

Stipa robusta (Vasey) Scribner

Stipa vaseyi Scribner

scribneri (Vasey) Barkworth [Allred 2005; M&H; W&S]

Scribner's needlegrass

Stipa scribneri Vasey

speciosum (Trinius & Ruprecht) Barkworth = *Jarava speciosa* (Trinius & Ruprecht) Peñailillo

Aegilops goatgrass

Gupta, P.K. & B.R. Baum. 1986. Nomenclature and related taxonomic issues in wheats, triticales and some of their wild relatives. *Taxon* 35(1):144-149.

***cylindrica** Host [Allred 2005; M&H]

jointed goatgrass

Triticum cylindricum (Host) Cesati

×*Agropogon littoralis* (Small) C.E. Hubbard = *Polypogon interruptus* Kunth

Agropyron wheatgrass

Asay, K.H., K.B. Jensen, C. Hsiao, & D.R. Dewey. 1992. Probable origin of standard crested wheatgrass, *Agropyron desertorum* (Fischer ex Link) Schultes. *Can. J. Plant Sci.* 72:763-772.

Baum, B.R., J.R. Estes, & P.K. Gupta. 1987. Assessment of the genomic system of classification in the Triticeae. *Amer. J. Bot.* 74:1388-1395.

Bowden, W.M. 1965. Cytotaxonomy of the species and interspecific hybrids of the genus *Agropyron* in Canada and neighboring areas. *Can. J. Bot.* 43:1421-1448.

Dewey, D.R. 1983. Historical and current taxonomic perspectives of *Agropyron*, *Elymus*, and related genera. *Crop Sci.* 23:637-642.

Dewey, D.R. 1986. Taxonomy of the crested wheatgrasses (*Agropyron*). p. 31-44. IN: Johnson, K.L. (ed.). *Crested wheatgrass: its values, problems and myths*; a symposium. Utah State University.

Estes, J.R. & R.J. Tyrl. 1982. The generic concept and generic circumscription in the Triticeae: an end paper. IN J.R. Estes, R.J. Tyrl, & J.N. Brunken (eds.), *Grasses and Grasslands*. p. 145-164. Univ. Oklahoma Press. Norman, Oklahoma.

Great Plains Flora Association. 1977. Atlas of the Flora of the Great Plains. Iowa State Univ. Press. 600 pp. [*Agropyron cristatum* subsp. *pectiniforme*]

Holmgren, A.H. & N.H. Holmgren. 1977. Tribe 3. Triticeae, pp. 292-336. IN: *Intermountain Flora*, vol. 6. New York Botanical Garden.

Runemark, H. & W.K. Heneen. 1968. *Elymus* and *Agropyron*, a problem of generic delimitation. *Bot. Notiser* 121:51-79.

×*andinum* (Scribner & Smith) Rydberg : An unstabilized hybrid between *Elymus trachycaulus* subsp. *violaceus* × *Elymus scribneri* (Bowden 196).

arizonicum Scribner & Smith = *Elymus arizonicus* (Scribner & Smith) Gould

bakeri E. Nelson = *Elymus bakeri* (E. Nelson) Löve

barbulatum Schur = *Elymus hispidus* (Opiz) Melderis subsp. *barbulatus* (Schur) Melderis

caninum sensu M&H and W&S = *Elymus trachycaulus* (Link) Shinnars subsp. *trachycaulus*

***cristatum** (Linnaeus) Gaertner [Allred 2005; M&H]

fairway crested wheatgrass

Agropyron cristatum (Linnaeus) Gaertner subsp. *pectinatum* (Bieberstein) Tzvelev

Agropyron pectiniforme Roemer & Schultes

cristatum (Linnaeus) Gaertner subsp. *desertorum* (Fischer ex Link) Löve = *Agropyron desertorum* (Fischer ex Link) Schultes

cristatum (Linnaeus) Gaertner subsp. *fragile* (Roth) Löve = *Agropyron fragile* (Roth) P. Candargy

cristatum (Linnaeus) Gaertner subsp. *pectinatum* (Bieberstein) Tzvelev = *Agropyron cristatum* (Linnaeus) Gaertner

dasytachyum (Hooker) Scribner = *Elymus lanceolatus* (Scribner & Smith) Gould

dasytachyum (Hooker) Scribner var. *riparium* (Scribner & Smith) Bowden = *Elymus lanceolatus* (Scribner & Smith) Gould

***desertorum** (Fischer ex Link) Schultes [Allred 2005; M&H]

desert crested wheatgrass

Agropyron cristatum (Linnaeus) Gaertn. subsp. *desertorum* (Fischer ex Link) Löve

elongatum = *Elymus elongatus* (Host) Runemark subsp. *elongatus*

***fragile** (Roth) P. Candargy [Allred 2005; M&H]

Siberian crested wheatgrass

Agropyron cristatum (Linnaeus) Gaertner subsp. *fragile* (Roth) Löve

Agropyron sibiricum (Willdenow) Beauvois

hispidum Opiz = *Elymus hispidus* (Opiz) Melderis subsp. *hispidus*

inermis (Scribner & Smith) Rydberg = *Elymus spicatus* (Pursh) Gould

intermedium (Host) Beauvois = *Elymus hispidus* (Opiz) Melderis subsp. *hispidus*

latiglume = *Elymus trachycaulus* (Link) Gould subsp. *violaceus* (Hornm.) A. & D. Löve

lanceolatus Scribner & Smith = *Elymus lanceolatus* (Scribner & Smith) Gould

molle (Scribner & Smith) Rydberg = *Elymus smithii* (Rydberg) Gould

novae-angliae Scribner = *Elymus trachycaulus* (Link) Gould subsp. *novae-angliae* (Scribner) Tsvelev

occidentale Scribner = *Elymus smithii* (Rydberg) Gould

palmeri (Scribner & Smith) Rydberg = *Elymus smithii* (Rydberg) Gould

pauciflorum (Schweinitz) A.S. Hitchcock = *Elymus trachycaulus* (Link) Gould subsp. *trachycaulus*

pectiniforme Roemer & Schultes = *Agropyron cristatum* (Linnaeus) Gaertner subsp. *pectinatum* (Bieberstein) Tzvelev

×*pseudorepens* Scribner & Smith : This name has been applied to unstabilized hybrid plants between *Elymus trachycaulus* × *Elymus lanceolatus* or *Elymus repens* (Allred 2005).

repens (Linnaeus) Beauvois = *Elymus repens* (Linnaeus) Gould

richardsonii (Trinius) Schrader = *Elymus trachycaulus* (Link) Shinnars subsp. *subsecundus* (Link) A. & D. Löve

riparium Scribner & Smith = *Elymus lanceolatus* (Scribner & Smith) Gould

×*saundersii* (Vasey) A.S. Hitchcock : Unstabilized hybrids between *Elymus longifolius* × *Elymus trachycaulus* (Allred 2005).

×*saxicola* Scribner & Smith : Unstabilized hybrids between *Elymus longifolius* × *Elymus spicatus* (Allred 2005).

scribneri Vasey = *Elymus scribneri* (Vasey) M.E. Jones

sibiricum (Willdenow) Beauvois = *Agropyron fragile* (Roth) P. Candargy

smithii Rydberg var. *molle* (Scribner & Smith) M.E. Jones = *Elymus smithii* (Rydberg) Gould

smithii Rydberg var. *palmeri* (Scribner & Smith) Heller = *Elymus smithii* (Rydberg) Gould

smithii Rydberg var. *smithii* = *Elymus smithii* (Rydberg) Gould

spicatus (Pursh) Scribner & Smith = *Elymus spicatus* (Pursh) Gould

spicatum (Pursh.) Scribner & Smith var. *arizonicum* (Scribner & Smith) Jones = *Elymus arizonicus* (Scribner & Smith) Gould

subsecundum (Link) Hitchcock = *Elymus trachycaulus* (Link) Shinnars subsp. *subsecundus* (Link) A. & D. Löve

tenerum Vasey = *Elymus trachycaulus* (Link) Malt subsp. *trachycaulus*

trachycaulum (Link) Malte = *Elymus trachycaulus* (Link) Shinners subsp. *trachycaulus*
trichophorum (Link) Richter = *Elymus hispidus* (Opiz) Melderis subsp. *barbulatus* (Schur) Melderis
triticeum Gaertner = *Eremopyrum triticeum* (Gaertner) Nevski
unilaterale Cassidy = *Elymus trachycaulus* (Link) Shinners subsp. *subsecundus* (Link) A. & D. Löve
violaceum (Hornemann) Lange = *Elymus trachycaulus* (Link) Shinners subsp. *violaceus* (Hornemann) A. & D. Löve

Agrostis bentgrass

Bjorkman, S.O. 1960. Studies in *Agrostis* and related genera. Symb. Bot. Upsal. 17:1-112.
Cronquist, A., A.H. Holmgren, N.H. Holmgren, J.L. Reveal, & P.K. Holmgren. 1977. Vol. 6 (Monocotyledons). New York Botanical Garden. 584 pp. [*Agrostis humilis*]
Kik, C., J. Van Andel, & W. Joenje. 1990. Life-history variation in ecologically contrasting populations of *Agrostis stolonifera*. J. Ecology 78:962-973.
Reeder, C.G. & J.R. Reeder. 1986. *Agrostis eliottiana* (Gramineae) new to Arizona and New Mexico. Phytologia 60:453-458.
Reeder, C.G. & J.R. Reeder. 1989. A further note on *Agrostis eliottiana*. Phytologia 67(2):134-138.
Swallen, J.R. 1948. *Agrostis variabilis* Rydberg, a valid species. Leaflet. W. Bot. 5:123-125.

airoides Torrey = *Sporobolus airoides* (Torrey) Torrey
alba of numerous authors = *Agrostis gigantea* Roth and *Agrostis stolonifera* Linnaeus
bakeri Rydberg = *Agrostis idahoensis* Nash
composita Poirlet = *Sporobolus compositus* (Poirlet) Merrill
cryptandra Torrey = *Sporobolus cryptandrus* (Torrey) A. Gray
elliottiana Schultes [Allred 2005; Reeder & Reeder 1986]

Elliott bentgrass

Agrostis exigua Thurber
Agrostis rosei sensu W&S, not Scribner & Merrill

exarata Trinius var. ***minor*** Hooker [Allred 2005; M&H; W&S]

spike bentgrass

exigua Thurber = *Agrostis eliottiana* Schultes

****gigantea*** Roth [Allred 2005; M&H; W&S]

redtop

Agrostis alba of numerous authors
hiemalis sensu W&S = *Agrostis scabra* Willdenow

humilis Vasey [Cronquist et al. 1977]

low bentgrass

Podagrostis humilis (Vasey) Bjorkman
Podagrostis thurberiana (A.S. Hitchcock) Hulten

idahoensis Nash [Allred 2005; M&H; W&S]

Idaho bentgrass

Agrostis bakeri Rydberg
interruptus Linnaeus = *Apera interrupta* (Linnaeus) Beauvois
minutissima Steudel = *Muhlenbergia minutissima* (Steudel) Swallen

palustris Hudson = *Agrostis stolonifera* Linnaeus

perennans (Walter) Tuckerman : Reported by M&H, but no validating specimens located. (Allred 2005).

pyramidata Lamarck = *Sporobolus pyramidatus* (Lamarck) A.S. Hitchcock

rosei sensu W&S = *Agrostis eliottiana* Schultes

scabra Willdenow [Allred 2005; M&H; W&S]

rough bentgrass

Agrostis hiemalis sensu W&S
semiverticillata (Forsskål) C. Christensen = *Polypogon viridis* (Gouan) Breistroffer

****stolonifera*** Linnaeus [Allred 2005; M&H; W&S]

creeping bentgrass

Agrostis alba of numerous authors
Agrostis palustris Hudson
Agrostis stolonifera Linnaeus var. *palustris* (Hudson) Farwell

stolonifera Linnaeus var. *palustris* (Hudson) Farwell = *Agrostis stolonifera* Linnaeus

variabilis Rydberg [Allred 2005]

mountain bentgrass

viridis Gouan = *Polypogon viridis* (Gouan) Breistroffer

Aira silver-hairgrass

Adams, T. 1998. New plant distribution records. The New Mexico Botanist 8:10. [*Aira elegans*]

****elegans*** Willdenow ex Kunth [Adams 1998]

annual silver-hairgrass

spicata Linnaeus = *Trisetum spicatum* (Linnaeus) Richter

Alopecurus foxtail

Sieber, V.K. & B.G. Murray. 1979. The cytology of the genus *Alopecurus* (Gramineae). Bot. J. Linn. Soc. 79:343-355.

aequalis Sobolewsky [Allred 2005; M&H; W&S]

shortawn foxtail

Alopecurus aristulatus Michaux
agrestis Linnaeus = *Alopecurus myosuroides* Hudson
aristulatus Michaux = *Alopecurus aequalis* Sobolewsky

carolinianus Walter [Allred 2005; M&H]

Carolina foxtail
 **geniculatus* Linnaeus [Allred 2005; M&H]
 water foxtail
 **myosuroides* Hudson [Allred 2005; M&H; W&S]
 slender foxtail
Alopecurus agrestis Linnaeus
 **pratensis* Linnaeus [Allred 2005]
 meadow foxtail
Amphilophis barbinodis (Lagasca) Nash in Small = *Bothriochloa barbinodis* (Lagasca) Herter
saccharoides as used by various authors = *Bothriochloa laguroides* (A.P. de Candolle) Herter subsp. *torreyana* (Steudel) Allred & Gould
wrightii (Hackel) Nash = *Bothriochloa wrightii* (Hackel) Henrard
Andropogon bluestem
 Barnes, P.W. 1986. Variation in the big bluestem (*Andropogon gerardii*)-sand bluestem (*Andropogon hallii*) complex along a local dune/meadow gradient in the Nebraska sandhills. *Amer. J. Bot.* 73(2):172-184.
 Campbell, C.S. 1986. Phylogenetic reconstructions and two new varieties in the *Andropogon virginicus* complex (Poaceae: Andropogoneae). *Syst. Bot.* 11(2):280-292.
 Gould, F.W. 1959. Transfers from *Andropogon* to *Bothriochloa* (Gramineae). *Southw. Natural.* 3:212.
 Gould, F.W. 1967. The grass genus *Andropogon* in the United States. *Brittonia* 19:70-76.
 Wipff, J.K. 1996. Nomenclatural combinations in the *Andropogon gerardii* complex (Poaceae: Andropogoneae). *Phytologia* 80(1):343-347.
altus Hitchcock = *Bothriochloa alta* (Hitchcock) Henrard
barbinodis Lagasca = *Bothriochloa barbinodis* (Lagasca) Herter
chrysocomus Nash = *Andropogon gerardii* Vitman subsp. *chrysocomus* (Nash) Wipff
cirratum Hackel = *Schizachyrium cirratum* (Hackel) Wootton & Standley
feensis Fournier = *Schizachyrium sanguineum* (Retzius) Alston var. *hirtiflorum* (Nees) Hatch
furcatus Muhlenberg = *Andropogon gerardii* Vitman subsp. *gerardii*
gerardii Vitman subsp. **chrysocomas** (Nash) Wipff [Allred 2005; W&S]
 sand bluestem
Andropogon chrysocomus Nash
gerardii Vitman subsp. **gerardii** [Allred 2005; M&H; W&S]
 big bluestem
Andropogon furcatus Muhlenberg
gerardii Vitman subsp. **hallii** (Hackel) Wipff [Allred 2005; M&H; W&S]
 hall's bluestem, sand bluestem
Andropogon gerardii Vitman var. *paucipilus* (Nash) Fernald
Andropogon hallii Hackel var. *flaveolus* (Hackel) Hackel Note: There may be problems with the typification of this epithet and it may belong to the subsp. *chrysocomus* instead.
Andropogon hallii Hackel
Andropogon hallii Hackel var. *muticus* Hackel
gerardii Vitman var. *paucipilus* (Nash) Fernald = *Andropogon gerardii* Vitman subsp. *hallii* (Hackel) Wipff
glomeratus (Walter) Britton, Sterns, & Poggenburg var. *pumilus* sensu Kartesz (1999) = *Andropogon glomeratus* (Walter) Britton, Sterns, & Poggenburg var. *scabriglumus* Campbell
glomeratus (Walter) Britton, Sterns, & Poggenburg var. **scabriglumus** Campbell [Allred 2005; Campbell 1986; M&H]
 southwestern bushy bluestem
Andropogon glomeratus (Walter) Britton, Sterns, & Poggenburg var. *pumilus* sensu Kartesz
hallii Hackel = *Andropogon gerardii* Vitman subsp. *hallii* (Hackel) Wipff
hallii Hackel var. *flaveolus* (Hackel) Hackel = *Andropogon gerardii* Vitman subsp. *hallii* (Hackel) Wipff Note: There may be problems with the typification of this epithet and it may belong to the subsp. *chrysocomus* instead.
hallii Hackel var. *muticus* Hackel = *Andropogon gerardii* Vitman subsp. *hallii* (Hackel) Wipff
hirtiflorus (Nees) Kunth var. *feensis* (Fournier) Hackel = *Schizachyrium sanguineum* (Retzius) Alston var. *hirtiflorum* (Nees) Hatch
perforatus Fournier = *Bothriochloa barbinodis* (Lagasca) Herter
ravennae Linnaeus = *Saccharum ravennae* (Linnaeus) Linnaeus
saccharoides as used by various authors = *Bothriochloa laguroides* (A.P. de Candolle) Herter subsp. *torreyana* (Steudel) Allred & Gould
scoparius Michaux var. *frequens* C.E. Hubbard = *Schizachyrium scoparium* (Michaux) Nash var. *scoparium*
scoparius Michaux var. *neomexicanus* (Nash) Hitchcock = *Schizachyrium neomexicanum* Nash
scoparius Michaux var. *scoparius* = *Schizachyrium scoparium* (Michaux) Nash var. *scoparium*
springfieldii Gould = *Bothriochloa springfieldii* (Gould) Parodi
wrightii Hackel = *Bothriochloa wrightii* (Hackel) Henrard
Anisantha diandra (Roth) Tutin = *Bromus diandra* Roth
rubens (Linnaeus) Nevski = *Bromus rubens* Linnaeus
sterilis (Linnaeus) Nevski = *Bromus sterilis* Linnaeus
tectorum (Linnaeus) Nevski = *Bromus tectorum* Linnaeus
Antheophora belangeri Steudel = *Hilaria belangeri* (Steudel) Nash
Anthoxanthum vernalgrass
 Hartman, R.L. 1973. New plant records for New Mexico. *Southwestern Naturalist* 18(2):241-242.
 Hedberg, I. 1990. Morphological, cytotoxic and evolutionary studies in *Anthoxanthum odoratum* L. s.l. *Sommerfeltia* 11:97-107.
 Schouten, Y. & J.F. Veldkamp. 1985. A revision of *Anthoxanthum* including *Hierochloe* (Gramineae) in Malaysia and Thailand. *Blumea* 30:319-351.
nitens (Weber) Y. Schouten & Veldkamp = *Hierochloe odorata* (Linnaeus) Beauvois
 ***odoratum** Linnaeus [Allred 2005; M&H]
 sweet vernalgrass

Apera silky-bent

Bjorkman, S.O. 1960. Studies in *Agrostis* and related genera. Symb. Bot. Upsal. 17:1-112.

***interrupta** (Linnaeus) Beauvois [Allred 2005]

dense silky-bent

Agrostis interruptus Linnaeus

Aristida threeawn

Allred, K.W. 1984. Morphologic variation and classification of the North American *Aristida purpurea* complex (Gramineae). Brittonia 36:382-395.

Allred, K.W. 1994. A new name for *Aristida hamulosa* (Gramineae). Phytologia 77(5):411-413.

Allred, K.W. & J. Valdés-Reyna. 1995. Novelties and notes in North American *Aristida* (Gramineae). Novon 5(3):209-222.

Allred, K.W. & J. Valdés-Reyna. 1997. The *Aristida pansa* complex and a key to the Divaricatae group of North America (Gramineae: Aristideae). Brittonia 49(1):54-66.

Trent, J.S. & K.W. Allred. 1990. A taxonomic comparison of *Aristida ternipes* and *Aristida hamulosa* (Gramineae). Sida 14(2):251-261.

adscensionis Linnaeus [Allred 2005; M&H; W&S]

six-weeks threeawn

Aristida bromoides Humboldt, Bonpland, & Kunth

arizonica Vasey [Allred 2005; M&H; W&S]

Arizona threeawn

barbata Fournier = *Aristida havardii* Vasey

bromoides Humboldt, Bonpland, & Kunth = *Aristida adscensionis* Linnaeus

brownii Warnock = *Aristida purpurea* Nuttall var. *wrightii* (Nash) Allred forma *brownii* (Warnock) Allred & Valdés-R.

dissita I.M. Johnston = *Aristida pansa* Wooton & Standley forma *dissita* (I.M. Johnston) Allred & Valdés-R.

divaricata Humboldt & Bonpland ex Willdenow [Allred 2005; M&H; W&S]

poverty threeawn

divergens Vasey = *Aristida ternipes* Cavanilles var. *ternipes*

fendleriana Steudel = *Aristida purpurea* Nuttall var. *fendleriana* (Steudel) Vasey

glauca (Nees) Walpers = *Aristida purpurea* Nuttall var. *nealleyi* (Vasey) Allred

hamulosa Henrard = *Aristida ternipes* Cavanilles var. *gentilis* (Henrard) Allred

havardii Vasey [Allred 2005; M&H; W&S]

Havard's threeawn

Aristida barbata Fournier

longiseta Steudel var. *longiseta* = *Aristida purpurea* Nuttall var. *longiseta* (Steudel) Vasey

longiseta Steudel var. *rariflora* Hitchcock = *Aristida purpurea* Nuttall var. *longiseta* (Steudel) Vasey

longiseta Steudel var. *robusta* Merrill = *Aristida purpurea* Nuttall var. *longiseta* (Steudel) Vasey

micrantha Nash = *Aristida purpurea* Nuttall var. *purpurea*

***oligantha** Michaux [Allred 2005; M&H]

oldfield threeawn

orcuttiana Vasey = *Aristida schiedeana* Trinius & Ruprecht var. *orcuttiana* (Vasey) Allred & Valdés-R.

pansa Wooton & Standley forma **dissita** (I.M. Johnston) Allred & Valdés-R. [Allred 2005; M&H]

Wooton's threeawn

Aristida dissita I.M. Johnston

Aristida pansa Wooton & Standley var. *dissita* (I.M. Johnston) Beetle

pansa Wooton & Standley var. *dissita* (I.M. Johnston) Beetle = *Aristida pansa* Wooton & Standley forma *dissita* (I.M. Johnston) Allred & Valdés-R.

pansa Wooton & Standley forma **pansa** [Allred 2005; M&H; W&S]

Wooton's threeawn

Aristida pansa Wooton & Standley var. *pansa*

pansa Wooton & Standley var. *pansa* = *Aristida pansa* Wooton & Standley forma *pansa*

purpurea Nuttall var. **fendleriana** (Steudel) Vasey [Allred 2005; M&H; W&S]

Fendler threeawn

Aristida fendleriana Steudel

purpurea Nuttall var. *laxiflora* Merrill = *Aristida purpurea* Nuttall var. *purpurea*

purpurea Nuttall var. **longiseta** (Steudel) Vasey [Allred 2005; M&H; W&S]

red threeawn

Aristida longiseta Steudel var. *longiseta*

Aristida longiseta Steudel var. *rariflora* Hitchcock

Aristida longiseta Steudel var. *robusta* Merrill

purpurea Nuttall var. **nealleyi** (Vasey) Allred [Allred 2005; M&H; W&S]

Nealley's threeawn

Aristida glauca (Nees) Walpers

Aristida vaseyi Wooton & Standley

purpurea Nuttall var. **perplexa** Allred & Valdés-R. [Allred & Valdés-R. 1995]

Jornada threeawn

purpurea Nuttall var. **purpurea** [Allred 2005; M&H; W&S]

purple threeawn

Aristida micrantha Nash

Aristida purpurea Nuttall var. *laxiflora* Merrill

Aristida roemeriana Scheele

purpurea Nuttall var. **wrightii** (Nash) Allred [Allred 2005; M&H; W&S]
 Wright's threeawn
Aristida wrightii Nash

purpurea Nuttall var. **wrightii** (Nash) Allred forma **brownii** (Warnock) Allred & Valdes-R. [Allred & Valdes-R. 1995.]
 Brown's threeawn
Aristida brownii Warnock

roemeriana Scheele = *Aristida purpurea* Nuttall var. *purpurea*

schiedeana Trinius & Ruprecht var. **orcuttiana** (Vasey) Allred & Valdés-R. [Allred & Valdes-R. 1995; M&H; W&S]
 single threeawn
Aristida orcuttiana Vasey

ternipes Cavanilles var. **gentilis** (Henrard) Allred [Allred 2005; M&H]
 Hook threeawn
Aristida hamulosa Henrard
Aristida ternipes Cavanilles var. *hamulosa* (Henrard) Trent

ternipes Cavanilles var. *hamulosa* (Henrard) Trent = *Aristida ternipes* Cavanilles var. *gentilis* (Henrard) Allred

ternipes Cavanilles var. *minor* (Vasey) Hitchcock = *Aristida ternipes* Cavanilles var. *ternipes*

ternipes Cavanilles var. **ternipes** [Allred 2005; M&H]
 spidergrass
Aristida divergens Vasey
Aristida ternipes Cavanilles var. *minor* (Vasey) Hitchcock

vaseyi Wootton & Standley = *Aristida purpurea* Nuttall var. *nealleyi* (Vasey) Allred

wrightii Nash = *Aristida purpurea* Nuttall var. *wrightii* Nash

Arrhenatherum oatgrass
 ***elatius** (Linnaeus) Beauvois ex J. & K. Presl [Allred 2005; M&H]
 tall oatgrass

Arundo giant reed
 ***donax** Linnaeus [Allred 2005; M&H; W&S]
 giant reed

Atheropogon curtispindulus Fournier = *Bouteloua curtispindula* (Michaux) Torrey var. *curtispindula*
filiformis Fournier = *Bouteloua repens* (Kunth) Scribner & Merrill

Avena oats
 Baum, B.R. 1977. Oats: wild and cultivated. Biosystematics Research Institute, Canada Dept. Agr., Monography No. 14.
 Marshall, D. & S. Jain. 1968. Phenotypic plasticity of *Avena fatua* and *A. barbata*. Amer. Naturalist 102:457-467.
 Scholz, H. 1991. Die Systematik der *Avena sterilis* und *A. fatua* (Gramineae): eine kritische Studie. [The systematics of *Avena sterilis* and *A. fatua* (Gramineae): a critical study.] Willdenowia 20(1-2):103-112.

***barbata** Pott ex Link [Allred 2005]
 slender oats

***fatua** Linnaeus [Allred 2005; M&H; W&S]
 wild oats

fatua Linnaeus var. *sativa* (Linnaeus) Haussknecht = *Avena sativa* Linnaeus

hookeri Scribner = *Helictotrichon hookeri* (Scribner) Henrard

***sativa** Linnaeus [Allred 2005; M&H]
 common oats
Avena fatua Linnaeus var. *sativa* (Linnaeus) Haussknecht

striata Michaux = *Schizachne purpurascens* (Torrey) Swallen

Avenula hookeri (Scribner) Holub = *Helictotrichon hookeri* (Scribner) Henrard

Beckmannia sloughgrass
 Koyama, T. & S. Kawano. 1964. Critical taxa of grasses with North American and eastern Asiatic distribution. Canad. J. Bot. 42:859-884.
 Reeder, J.R. 1953. Affinities of the grass genus *Beckmannia* Host. Bull. Torrey Bot. Club 80(3):187-196.

eruciformis (Linnaeus) Host = *Beckmannia syzigachne* (Steudel) Fernald

syzigachne (Steudel) Fernald subsp. **baicaulensis** (N.I. Kusnezow) T. Koyama & Kawano [Allred 2005; M&H; W&S]
 American sloughgrass
Beckmannia eruciformis (Linnaeus) Host

Blepharidachne desertgrass
 Hunziker, A. & A.M. Anton. 1979. A synoptical revision of *Blepharidachne* (Poaceae). Brittonia 31:446-453.

bigelovii (S. Watson) Hackel [Allred 2005]
 Bigelow's desertgrass

Blepharoneuron dropseed
 Peterson, P.M. & C.R. Annable. 1990. A revision of *Blepharoneuron* (Poaceae: Eragrostideae). Syst. Bot. 15(4):515-525.

tricholepis (Torrey) Nash [Allred 2005; M&H; W&S]
 pine dropseed

Bothriochloa bluestem
 Allred, K.W. 1983. Systematics of the *Bothriochloa saccharoides* complex (Poaceae: Andropogoneae). Syst. Bot. 8:168-184.
 Gould, F.W. 1959. Transfers from *Andropogon* to *Bothriochloa* (Gramineae). Southw. Natural. 3:212.
 Gould, F.W. 1967. The grass genus *Andropogon* in the United States. Brittonia 19:70-76.
 Vega, A.S. 2000. Revisión taxonómica de las especies Americanas del género *Bothriochloa* (Poaceae: Panicoideae: Andropogoneae). Darwiniana 38(1-2):127-186.

alta (Hitchcock) Henrard [Allred 2005]

tall bluestem

Andropogon altus Hitchcock

barbinodis (Lagasca) Herter [Allred 2005; M&H; W&S]

cane bluestem

Amphilophis barbinodis (Lagasca) Nash

Andropogon barbinodis Lagasca

Andropogon perforatus Fournier

***bladhii** (Retzius) S.T. Blake [Allred 2005]

Australian bluestem

Bothriochloa caucasica (Trinius) C.E. Hubbard

Bothriochloa intermedia (R. Brown) A. Camus

caucasica (Trinius) C.E. Hubbard = *Bothriochloa bladhii* (Retzius) S.T. Blake

intermedia (R. Brown) A. Camus = *Bothriochloa bladhii* (Retzius) S.T. Blake

***ischaemum** (Linnaeus) Keng var. **ischaemum** [Allred 2005]

yellow bluestem

***ischaemum** (Linnaeus) Keng var. **songarica** (Ruprecht ex Fischer & Meyer) Celerier & Harlan [Allred 2005]

King Ranch bluestem

laguroides (A.P. de Candolle) Herter subsp. **torreyana** (Steudel) Allred & Gould [Allred 2005; M&H; W&S]

silver bluestem

Amphilophis saccharoides as used by various authors

Andropogon saccharoides as used by various authors

reevesii (Gould) Gould : Reported for NM by Vega (2000), from Guadalupe Co., but the specimen cited (Arsène & Benedict 16669, MO)

is *Bothriochloa springfieldii* (Gould) Parodi

springfieldii (Gould) Parodi [Allred 2005]

Springfield's bluestem

Andropogon springfieldii Gould

wrightii (Hackel) Henrard [Allred 2005; M&H; W&S]

Wright's bluestem

Amphilophis wrightii (Hackel) Nash

Andropogon wrightii Hackel

Bouteloua grama

Columbus, J.T. 1993. The affinities of *Bouteloua aristidoides* and *B. (Chondrosium) eriopoda* and the *Bouteloua-Chondrosium* generic delimitation problem (Gramineae: Cynodonteae). *Amer. J. Bot.* 80(suppl.):138.

Columbus, J.T. 1999. An expanded circumscription of *Bouteloua* (Gramineae: Chloridoideae): new combinations and names. *Aliso* 18(1):61-65.

Columbus, J.T. 1999. Morphology and leaf blade anatomy suggest a close relationship between *Bouteloua aristidoides* and *B. (Chondrosium) eriopoda* (Gramineae: Chloridoideae). *Syst. Bot.* 23(4):467-478.

Esparza-Sandoval, S. & Y. Herrera-Arrieta. 1996. Revision de *Bouteloua barbata* Lagasca (Poaceae: Eragrostideae). *Phytologia* 80(2):73-91.

Gould, F.W. 1979. The genus *Bouteloua*. *Ann. Missouri Bot. Gard.* 66:348-416.

Griffiths, D. 1912. The grama grasses: *Bouteloua* and related genera. *Contr. U.S. Natl. Herb.* 14(3):343-428.

Kartesz, J.T. & K.N. Gandhi. 1990. Nomenclatural notes for the North American flora. IV. *Phytologia* 69(4):301-312. [*Bouteloua gracilis*]

Reeder, J.R. 1986. Type specimen of *Bouteloua ramosa* Scribner ex Vasey (Gramineae). *Taxon* 35(1):149-153.

Reeder, J.R. & C.G. Reeder. 1980. Systematics of *Bouteloua breviseta* and *B. ramosa* (Gramineae). *Syst. Bot.* 5(3):312-321.

Reeder, J.R. & C.G. Reeder. 1990. *Bouteloua eludens*: elusive indeed, but not rare. *Desert Plants* 10(1):19-22,31.

aristidoides (Kunth) Grisebach var. **aristidoides** [Allred 2005; M&H; W&S]

needle grama

Bouteloua gracilis Vasey

aristidoides (Kunth) Grisebach var. **arizonica** Jones [Allred 2005]

needle grama

barbata Lagasca var. **barbata** [Allred 2005; M&H; W&S]

sixweeks grama

Chondrosium barbatum (Lagasca) W.D. Clayton

barbata Lagasca var. **rothrockii** (Vasey) Gould [Allred 2005]

Rothrock's grama

Bouteloua rothrockii Vasey

breviseta Vasey [Allred 2005; M&H; W&S]

gyp grama

chondrosoides (Kunth) Bentham ex S. Watson : Reported by M&H, but no validating specimens located (Allred 2005; T. Columbus, pers. comm.).

curtipendula (Michaux) Torrey var. **caespitosa** Gould & Kapadia [Allred 2005]

sideoats grama

curtipendula (Michaux) Torrey var. **curtipendula** [Allred 2005; M&H; W&S]

sideoats grama

Atheropogon curtipendulus Fournier

dactyloides (Nuttall) J.T. Columbus = *Buchloë dactyloides* (Nuttall) Engelmans

eludens Griffiths [Allred 2005]

Santa Rita grama

eriopoda (Torrey) Torrey [Allred 2005; M&H; W&S]

black grama

Chondrosium eriopodum Torrey

filiformis (Fournier) Griffiths = *Bouteloua repens* (Kunth) Scribner & Merrill

gracilis (Willdenow ex Kunth) Lagasca ex Griffiths [Allred 2005; M&H; W&S]

blue grama

"*Bouteloua gracilis*" Lagasca nom. nud.

Bouteloua oligostachya (Nuttall) Torrey ex A. Gray

Chondrosium gracile Willdenow ex Kunth

gracilis Vasey (not Willdenow ex Kunth) = *Bouteloua aristidoides* (Kunth) Grisebach var. *aristidoides*

hirsuta Lagasca [Allred 2005; M&H; W&S]

hairy grama

Chondrosium foenum Torrey

Chondrosium hirsutum (Lagasca) Kunth

oligostachya (Nuttall) Torrey ex A. Gray = *Bouteloua gracilis* (Willdenow ex Kunth) Lagasca ex Griffiths

parryi (Fournier) Griffiths [Allred 2005; M&H; W&S]

Parry's grama

Chondrosium parryi Fournier

procumbens (Durand) Griffiths = *Bouteloua simplex* Lagasca

radicosa (Fournier) Griffiths [Allred 2005; M&H; W&S]

purple grama

ramosa Vasey : Reported by M&H, but no validating specimens located (Allred 2005; Reeder & Reeder 1980).

repens (Kunth) Scribner & Merrill [Allred 2005; M&H]

slender grama

Atheropogon filiformis Fournier

Bouteloua filiformis (Fournier) Griffiths

rothrockii Vasey = *Bouteloua barbata* Lagasca var. *rothrockii* (Vasey) Gould

simplex Lagasca [Allred 2005; M&H; M&H; W&S]

mat grama

Bouteloua procumbens (Durand) Griffiths

trifida Thurber ex S. Watson [Allred 2005; M&H]

red grama

Bouteloua trifida Thurber ex S. Watson var. *burkii* (Scribner ex S. Watson) Vasey ex L.H. Dewey

trifida Thurber ex S. Watson var. *burkii* (Scribner ex S. Watson) Vasey ex L.H. Dewey = *Bouteloua trifida* Thurber ex S. Watson

warnockii Gould & Kapadia [Allred 2005; M&H]

Warnock's grama

Brachiaria arizonica (Scribner & Merrill) S.T. Blake = *Urochloa arizonica* (Scribner & Merrill) Morrone & Zuloaga

ciliatissima (Buckley) Chase = *Urochloa ciliatissima* (Buckley) R.D. Webster

fasciculata (Swartz) Parodi = *Urochloa fusca* (Swartz) Hansen & Wunderlin

texana (Buckley) S.T. Blake = *Urochloa texana* (Buckley) R.D. Webster

Briza quaking grass

Allred, K.W. 2004. Plant distribution reports. The New Mexico Botanist 29:7. [*Briza maxima*]

Forbes, A. 1998. New plant distribution records. The New Mexico Botanist 8:10. [*Briza minor*]

**maxima* Linnaeus [Allred 2004]

**minor* Linnaeus [Forbes 1998]

little quaking grass

Bromopsis anomala (Ruprecht ex Fournier) Holub = *Bromus anomalus* Ruprecht ex Fournier

ciliata (Linnaeus) Holub = *Bromus ciliata* Linnaeus

frondosa (Shear) Holub = *Bromus frondosus* Shear

inermis (Leysser) Holub = *Bromus inermis* Leysser

lanatipes (Shear) Holub = *Bromus lanatipes* Shear

porteri (Coulter) Holub = *Bromus porteri* Coulter

pumpellianus (Scribner) Holub = *Bromus pumpellianus* Scribner

richardsonii (Link) Holub = *Bromus richardsonii* Link

Bromus brome

Allred, K.W. 1993. *Bromus*, section *Pnigma*, in New Mexico, with a key to the bromegrasses of the state. *Phytologia* 74:319-345.

Barkworth, M.E., L.K. Anderston, J. McGrew, & D.E. Giblin. 2006. Geography and morphology of the *Bromus carinatus* (Poaceae: Bromeae) complex. *Madrono* 53(3):233-243.

Elliott, F.C. 1949. *Bromus inermis* and *B. pumpellianus* in North America. *Evolution* 3:142-149.

Gill, G.S. & S.A. Carstairs. 1988. Morphological, cytological and ecological discrimination of *Bromus rigidus* from *Bromus diandrus*. *Weed Research* 28:399-405.

Hatch, S.L. 1977. New grass distribution records for New Mexico and the United States. *Great Basin Naturalist* 37(4):530-531. [*Bromus diandrus*, *Bromus mollis*]

Kon, K.R. & W.M. Blacklow. 1989. The biology of Australian weeds 19. *Bromus diandrus* Roth and *B. rigidus* Roth. *Plant Protection Quarterly* 4(2):51-59.

Pavlick, L. 1995. *Bromus* L. of North America. Royal British Columbia Museum.

Peterson, P.M., J. Cayouette, Y.S.N. Fernandez, B. Coulman, & R.E. Chapman. 2001. Recognition of *Bromus richardsonii* and *B. ciliatus*: Evidence from

morphology, cytology, and DNA fingerprinting (Poaceae: Bromeae). *Aliso* 20(1):21-36.

Peterson, R. 1997. New plant distribution records. The New Mexico Botanist 6:8. [*Bromus sterilis*]

Pinto-Escobar, P. 1976. Nota sobre el ejemplar tipo de "*Bromus catharticus*" Vahl. *Caldasia* 11(54):9-16.

Sales, F. 1993. Taxonomy and nomenclature of *Bromus* sect. *Genea*. *Edinburgh J. Botany* 50(1):1-31.

Soderstrom, T.R. & J.H. Beaman. 1968. The genus *Bromus* (Gramineae) in Mexico and Central America. *Publ. Mus. Mich. St. Univ., Biol. Ser.* 3(5):465-520.

Wagnon, H.K. 1952. A revision of the genus *Bromus*, section *Bromopsis*, of North America. *Brittonia* 7:415-480.

anomalus Ruprecht ex Fournier [Allred 2005; M&H]

nodding brome

Bromopsis anomala (Ruprecht ex Fournier) Holub

anomalus var. *lanatipes* (Shear) Hitchcock = *Bromus lanatipes* (Shear) Rydberg

arenarius Labillardière : Reported by Pavlick & Anderton (2007) but NM specimens not known; awaits verification.

arizonicus (Shear) Stebbins : Reported by Pavlick & Anderton (2007) but NM specimens not known; awaits verification.

***briziformis** Fischer & Meyer [Allred 2005]

rattlesnake chess

canadensis Michaux = *Bromus ciliatus* Linnaeus

carinatus Hooker & Arnott [Allred 2005; M&H; W&S]

California brome, mountain brome

Bromus carinatus Nooker & Arnott var. *marginatus* (Nees) Barkworth & Anderton

Bromus marginatus Nees ex Steudel

Bromus marginatus Nees ex Steudel var. *seminudus* Shear

Bromus polyanthus Scribner

Bromus polyanthus Scribner var. *paniculatus* Shear

Ceratochloa carinata (Hooker & Arnott) Tutin

Ceratochloa marginata (Nees ex Steudel) B.D. Jackson

Ceratochloa polyantha (Scribner) Tsvelev

carinatus Nooker & Arnott var. *marginatus* (Nees) Barkworth & Anderton = *Bromus carinatus* Hooker & Arnott

***catharticus** Vahl [Allred 2005; M&H; W&S]

rescuegrass

Bromus unioloides (Willdenow) Kunth

Bromus willdenovii Kunth

Ceratochloa cathartica (Vahl) Herter

ciliatus Linnaeus [Allred 2005; M&H; M&H; W&S]

fringed brome

Bromopsis ciliata (Linnaeus) Holub

Bromus canadensis Michaux

commutatus Schrader = *Bromus japonicus* Thunberg ex Murray

***diandrus** Roth [Allred 2005; Hatch 1977]

ripgut brome

Anisantha diandra (Roth) Tutin

Bromus rigidus of numerous authors

frondosus (Shear) Wooton & Standley [Allred 2005; M&H; W&S]

weeping brome

Bromopsis frondosa (Shear) Holub

Bromus porteri var. *frondosus* Shear

hordeaceus Linnaeus var. *glabrescens* (Coss.) Shear = *Bromus hordeaceus* Linnaeus subsp. *hordeaceus*

***hordeaceus** Linnaeus subsp. **hordeaceus** [Allred 2005; M&H; W&S]

soft brome

Bromus hordeaceus Linnaeus var. *glabrescens* (Coss.) Shear

Bromus mollis Linnaeus

Bromus racemosus sensu M&H

***hordeaceus** Linnaeus subsp. **molliformis** (Lloyd) Maire & Weiller [Allred 2005]

soft brome

Bromus molliformis Lloyd

***inermis** Leysser [Allred 2005; M&H; W&S]

smooth brome

Bromopsis inermis (Leysser) Holub

inermis Leysser var. *purpurascens* (Hooker) Wagnon = *Bromus pumpellianus* Scribner

***japonicus** Thunberg ex Murray [Allred 2005; M&H]

Japanese brome, meadow brome

Bromus commutatus Schrader

Bromus japonicus var. *porrectus* Hackel

japonicus var. *porrectus* Hackel = *Bromus japonicus* Thunberg ex Murray

lanatipes (Shear) Rydberg [Allred 2005; M&H; W&S]

shaggy brome

Bromopsis lanatipes (Shear) Holub

Bromus anomalus var. *lanatipes* (Shear) Hitchcock

Bromus porteri var. *lanatipes* Shear

madritensis Linnaeus var. *rubens* (Linnaeus) Husnot = *Bromus rubens* Linnaeus

marginatus Nees ex Steudel = *Bromus carinatus* Hooker & Arnott

marginatus Nees ex Steudel var. *seminudus* Shear = *Bromus carinatus* Hooker & Arnott

molliformis Lloyd = *Bromus hordeaceus* Linnaeus subsp. *molliformis* (Lloyd) Maire & Weiller

mollis Linnaeus = *Bromus hordeaceus* Linnaeus subsp. *hordeaceus*

***mucroglumis** Wagnon [Peterson et al. 2001; Wagnon 1952]

southwestern brome

polyanthus Scribner = *Bromus carinatus* Hooker & Arnott

polyanthus Scribner var. *paniculatus* Shear = *Bromus carinatus* Hooker & Arnott

porteri (Coulter) Nash [Allred 2005; W&S]

Porter's brome

Bromopsis porteri (Coulter) Holub

porteri (Coulter) Nash var. *frondosus* Shear = *Bromus frondosus* (Shear) Wootton & Standley

porteri var. *lanatipes* Shear = *Bromus lanatipes* (Shear) Rydberg

pumpellianus Scribner [Allred 2005]

American smooth brome

Bromopsis pumpellianus (Scribner) Holub

Bromus inermis Leysser var. *purpurascens* (Hooker) Wagnon

purgans Linnaeus : Reported by M&H, but no validating specimens located (Allred 2005).

racemosus sensu M&H = *Bromus hordeaceus* Linnaeus subsp. *hordeaceus*

richardsonii Link [Peterson et al. 2001]

Richardson's brome

Bromopsis richardsonii (Link) Holub

rigidus of numerous authors = *Bromus diandrus* Roth

**rubens* Linnaeus [Allred 2005; Hatch 1977; M&H]

foxtail brome, red brome

Anisantha rubens (Linnaeus) Nevski

Bromus madritensis Linnaeus var. *rubens* (Linnaeus) Husnot

**secalinus* Linnaeus [Allred 2005; M&H; W&S]

rye chess

**sterilis* Linnaeus [Allred 2005; Peterson 1997; M&H]

poverty brome

Anisantha sterilis (Linnaeus) Nevski

**tectorum* Linnaeus [Allred 2005; M&H]

cheatgrass, downy brome

Anisantha tectorum (Linnaeus) Nevski

tririi Desvaux : Reported as expected by M&H; awaits verification.

unioloides (Willdenow) Kunth = *Bromus catharticus* Vahl

willdenovii Kunth = *Bromus catharticus* Vahl

Buchloë buffalograss

Columbus, J.T. 1999. An expanded circumscription of *Bouteloua* (Gramineae: Chloridoideae): new combinations and names. *Aliso* 18(1):61-65.

dactyloides (Nuttall) Engelm [Allred 2005; M&H; W&S]

buffalograss

Bouteloua dactyloides (Nuttall) J.T. Columbus

Bulbilis dactyloides (Nuttall) Rafinesque

Sesleria dactyloides Nuttall

Bulbilis dactyloides (Nuttall) Rafinesque = *Buchloë dactyloides* (Nuttall) Engelm

Calamagrostis reedgrass

Greene, C.W. 1984. Sexual and apomictic reproduction in *Calamagrostis* (Gramineae) from eastern North America. *Amer. J. Bot.* 71:285-293.

Kawano, S. 1965. *Calamagrostis purpurascens* R. Brown and its identity. *Acta Phytotax. Geobot.* 21:73-89.

Nyrgren, A. 1954. Investigations on North American *Calamagrostis*. I. *Hereditas* 40:377-397.

Nyrgren, A. 1958. Investigations on North American *Calamagrostis*. II. *Lantbrukshogskolans Ann.* 24:363-368.

canadensis (Michaux) Beauvois [Allred 2005; M&H; W&S]

Canada reedgrass

Calamagrostis scribneri Beal

gigantea Nuttall = *Calamovilfa gigantea* (Nuttall) Scribner & Merrill

hyperborea var. *americana* (Vasey) Kearney = *Calamagrostis stricta* (Timm) Koeler subsp. *inexpansa* (Gray) C.W. Greene

inexpansa Gray = *Calamagrostis stricta* (Timm) Koeler subsp. *inexpansa* (Gray) C.W. Greene

neglecta of numerous authors = *Calamagrostis stricta* (Timm) Koeler subsp. *inexpansa* (Gray) C.W. Greene

purpurascens R. Brown var. *purpurascens* [Allred 2005; M&H]

purple reedgrass

scopulorum M.E. Jones [Allred 2005; M&H]

Jones's reedgrass

scribneri Beal = *Calamagrostis canadensis* (Michaux) Beauvois

stricta (Timm) Koeler subsp. *inexpansa* (Gray) C.W. Greene [Allred 2005; M&H; W&S]

slender reedgrass

Calamagrostis hyperborea Lange var. *americana* (Vasey) Kearney

Calamagrostis inexpansa Gray

Calamagrostis neglecta of numerous authors

Calamovilfa sandreed

Reeder, J.R. & M.E. Ellington. 1960. *Calamovilfa*, a misplaced genus of Gramineae. *Brittonia* 12:71-77.

Thieret, J.W. 1966. Synopsis of the genus *Calamovilfa* (Gramineae). *Castanea* 31:145-152.

gigantea (Nuttall) Scribner & Merrill [Allred 2005; M&H; W&S]

big sandreed
Calamagrostis gigantea Nuttall
longifolia (Hooker) Scribner [Allred 2005; M&H; W&S]
prairie sandreed
Capriola dactylon (Linnaeus) Kuntze = *Cynodon dactylon* (Linnaeus) Persoon
Catabrosa brookgrass
aquatica (Linnaeus) Beauvois var. **aquatica** [Allred 2005]
brookgrass
Catabrosa aquatica (Linnaeus) Beauvois var. *uniflora* S.F. Gray
aquatica (Linnaeus) Beauvois var. *uniflora* S.F. Gray = *Catabrosa aquatica* (Linnaeus) Beauvois var. *aquatica*
Catapodium rigid fescue
Allred, K.W. 1998. New plant distribution records. The New Mexico Botanist 8:10. [*Catapodium rigidum*]
***rigidum** (Linnaeus) C.E. Hubbard ex Dony [Allred 1998]
fern grass, rigid fescue
Desmazeria rigida (Linnaeus) Tutin
Scleropoa rigida (Linnaeus) Grisebach
Cathestecum erectum Vasey & Hackel : Reported as expected by M&H; awaits verification.
Cenchrus sandbur
DeLisle, D.G. 1963. Taxonomy and distribution of the genus *Cenchrus*. Iowa State Coll. J. Sci. 37:259-351.
carolinianus Walter = *Cenchrus longispinus* (Hackel) Fernald
ciliaris Linnaeus = *Pennisetum ciliare* (Linnaeus) Link
***echinatus** Linnaeus [Allred 2005; M&H]
southern sandbur
incertus M.A. Curtis = *Cenchrus spinifex* Cavanilles
longispinus (Hackel) Fernald [Allred 2005; W&S]
innocent-weed, long-spine sandbur
Cenchrus carolinianus Walter
Cenchrus pauciflorus Benth in part
pauciflorus Benth = *Cenchrus spinifex* Cavanilles and *Cenchrus longispinus* (Hackel) Fernald
spinifex Cavanilles [Allred 2005; M&H]
coastal sandbur
Cenchrus incertus M.A. Curtis
Cenchrus pauciflorus Benth in part
Ceratochloa carinata (Hooker & Arnott) Tutin = *Bromus carinatus* Hooker & Arnott
cathartica (Vahl) Herter = *Bromus catharticus* Vahl
marginata (Nees ex Steudel) B.D. Jackson = *Bromus carinatus* Hooker & Arnott
polyantha (Scribner) Tsvelev = *Bromus carinatus* Hooker & Arnott
Chasmanthium latifolium (Michaux) Yates : A single specimen supposedly from NM was seen by Yates (1966); this is clearly an error in the label information.
Chaetochloa composita (Kunth) Scribner = *Setaria macrostachya* Kunth
glauca (Linnaeus) Scribner = *Setaria pumila* (Poir) R & S
grisebachii ampla Scribner & Merrill = *Setaria grisebachii* Fournier
italica (Linnaeus) Scribner = *Setaria italica* (Linnaeus) Beauvois
viridis (Linnaeus) Scribner = *Setaria viridis* (Linnaeus) Beauvois
Chloris windmillgrass
Allred, K.W. 1996. New plant distribution records. The New Mexico Botanist 4:6. [*Chloris submutica*]
Anderson, D.E. 1974. Taxonomy of the genus *Chloris* (Gramineae). Brigham Young Univ. Sci. Bull. Biol. Ser. 19(2):1-133.
Barkworth, M.E. 2003. *Chloris*, pp. 204-218. IN: Flora of North America, vol. 25. Oxford University Press.
alba Presl var. *aristulata* Torrey = *Chloris virgata* Swartz
brevispica Nash = *Chloris subdolichostachya* C. Mueller
crinita Lagasca = *Trichloris crinita* (Lagasca) Parodi
cucullata Bischoff [Allred 2005; M&H; W&S]
hooded windmillgrass
divaricata R. Brown : Reported from Eddy County by Barkworth (2003), but validating specimen yet to be found.
elegans Kunth = *Chloris virgata* Swartz
subdolichostachya C. Mueller [Allred 2005; M&H; W&S]
shortspike windmillgrass
Chloris brevispica Nash
***submutica** Kunth [Anderson 1974; Allred 2005, 1996]
Mexican windmillgrass
verticillata Nuttall [Allred 2005; M&H; W&S]
tumble windmillgrass
***virgata** Swartz [Allred 2005; M&H; W&S]
showy windmillgrass
Chloris alba Presl var. *aristulata* Torrey
Chloris elegans Kunth
Chondrosium barbatum (Lagasca) W.D. Clayton = *Bouteloua barbata* Lagasca

eripodum Torrey = *Bouteloua eripoda* (Torrey) Torrey
gracilie Willdenow ex Kunth = *Bouteloua gracilis* (Willdenow ex Kunth) Lagasca ex Griffiths
foenum Torrey = *Bouteloua hirsuta* Lagasca
hirsutum (Lagasca) Kunth = *Bouteloua hirsuta* Lagasca
parryi Fournier = *Bouteloua parryi* (Fournier) Griffiths

Cinna woodreed

Brandenburg, D.B., W.H. Blackwell, & J.W. Thieret. 1991. Revision of the genus *Cinna* (Poaceae). Sida 14(4):581-596.
Keller, C.F. 2004. Plant distribution reports. The New Mexico Botanist 29:7. [*Cinna latifolia*]

latifolia (Trevisan ex Goepfing) Grisebach [Allred 2005; Brandenburg et al. 1991; Keller 2004; M&H; W&S]
drooping woodreed

**Coix lacryma-jobi* Linnaeus (Job's tears) : Included by Allred (2005) only as an ornamental and not known to escape.

**Cortaderia selloana* (J.A. & J.H. Schultes) Ascherson & Graebner (pampasgrass) : Included by Allred (2005) only as an ornamental and not known to escape.

Cottea Cottagrass

pappophoroides Kunth [Allred 2005; M&H]

Cottagrass

Critesion arizonicum (Covas) Löve = *Hordeum arizonicum* Covas

brachyantherum (Nevski) Barkworth & Dewey = *Hordeum brachyantherum* Nevski

jubatum (Linnaeus) Nevski = *Hordeum jubatum* Linnaeus

murinum (Linnaeus) Löve = *Hordeum murinum* Linnaeus subsp. *glaucum* (Steudel) Tselev

murinum (Linnaeus) Löve subsp. *leporinum* (Link) Löve = *Hordeum murinum* Linnaeus subsp. *leporinum* (Link) Arcangeli

pusillum (Nuttall) Löve = *Hordeum pusillum* Nuttall

Crypsis pricklegrass

Hammel, B.E. & J.R. Reeder. 1979. The genus *Crypsis* (Gramineae) in the United States. Syst. Bot. 4:267-280.
Sivinski, R.C. & K. Heil. 2004. Plant distribution reports. The New Mexico Botanist 31:2. [*Crypsis schoenoides*]

***schoenoides** (Linnaeus) Lamarck [Sivinski & Heil 2004]
swampgrass

Cynodon Bermudagrass

DeWet, J.M.J. & J.R. Harlan. 1970. Biosystematics of *Cynodon* L.C. Rich (Gramineae). Taxon 19:565-569.

Mitich, L.W. 1989. History and taxonomy of bermudagrass. Proc. Calif. Weed Conference 41:181-188.

***dactylon** (Linnaeus) Persoon [Allred 2005; M&H; W&S]

Bermudagrass

Capriola dactylon (Linnaeus) Kuntze

Cynosurus dog's-tail grass

Hartman, R.L., B. Reif, B.E. Nelson, & B. Jacobs. 2006. New vascular plant records for New Mexico. Sida 22(2):1225-1233. [*Cynosurus echinatus*]

***echinatus** Linnaeus

bristly dog's-tail grass

Dactylis orchardgrass

***glomerata** Linnaeus [Allred 2005; M&H; W&S]

orchardgrass

Dactyloctenium crowfoot

***aegyptium** (Linnaeus) Willdenow [Allred 2005]

Durban crowfoot

Danthonia danthonia

Baeza-P., C.M. 1996. Los generos *Danthonia* A.P. de Candolle y *Rytidosperma* Steudel (Poaceae) en America: una revision. Sendtnera 3:11-93.

Clay, K. 1983. Variation in the degree of cleistogamy within and among species of the grass *Danthonia*. Amer. J. Bot. 70:835-843.

Darbyshire, S.J. 2003. "Danthonia," pp. 301-306. IN: Flora of North America, vol. 25. Oxford University Press.

Darbyshire, S.J. & J. Cayouette. 1989. The biology of Canadian weeds. 92. *Danthonia spicata* (Linnaeus) Beauvois in Roem. & Schult. Canad. J. Plant Sci. 69:1217-1233.

californica Bolander : Reported by Allred (1993), Darbyshire (2003), & M&H, but no validating specimens have ever been found; these reports refer to *Danthonia parryi* Scribner.

intermedia Vasey [Allred 2005; M&H]

timber danthonia

parryi Scribner [Allred 2005; M&H; W&S]

Parry's danthonia

spicata (Linnaeus) Beauvois ex Roemer & J.A. Schultes [Allred 2005; M&H; W&S]

poverty danthonia

Dasyochloa fluffgrass

Valdés-R., J. & S.L. Hatch. 1995. Anatomical study of *Erioneuron* and *Dasyochloa* (Poaceae: Chloridoideae: Eragrostideae) in North America. Sida 16(3):413-426.

Valdés-R. & S.L. Hatch. 1997. A revision of *Erioneuron* and *Dasyochloa* (Poaceae: Eragrostideae). Sida 17(4):645-666.

***pulchella** (Kunth) Willdenow ex Rydberg [Allred 2005; M&H; W&S]

fluffgrass

Erioneuron pulchellum (Kunth) Tateoka

Tridens pulchellus (Kunth) Hitchcock

Triodia pulchella Kunth

Deschampsia hairgrass

Kawano, S. 1963. Cytogeography and evolution of the *Deschampsia caespitosa* complex. Can. J. Bot. 41:719-742.

alpicola Rydberg = *Deschampsia cespitosa* (Linnaeus) Beauvois

cespitosa (Linnaeus) Beauvois [Allred 2005; M&H; W&S]

tufted hairgrass

Deschampsia alpicola Rydberg

****danthonioides*** (Trinius) Munro ex Bentham [Allred 2005]

annual hairgrass

Desmazeria rigida (Linnaeus) Tutin = *Catapodium rigidum* (Linnaeus) C.E. Hubbard ex Dony

Dichanthelium rosettegrass

Aliscioni, S.S., L.M. Giussani, F.O. Zuloaga, & E.A. Kellogg. 2003. A molecular phylogeny of *Panicum* (Poaceae: Paniceae): tests of monophyly and phylogenetic placement within the Panicoideae. *Amer. J. Bot.* 90:796-821.

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Clark, C.A. & F.W. Gould. 1975. Some epidermal characteristics of paleas of *Dichanthelium*, *Panicum*, and *Echinochloa*. *Amer. J. Bot.* 62:743-748.

Freckmann, R.W. & M.G. Lelong. 2002. Nomenclatural changes and innovations in *Panicum* and *Dichanthelium* (Poaceae: Paniceae). *Sida* 20(1):161-174.

Gould, F.W. & C.A. Clark. 1978. *Dichanthelium* (Poaceae) in the United States and Canada. *Ann. Missouri Bot. Gard.* 65:1088-1132.

Spellenberg, R.W. 1975. Synthetic hybridization and taxonomy of western North American *Dichanthelium*, group *Lanuginosa* (Poaceae). *Madroño* 23:134-153.

Webster, R.D. 1988. Genera of the North American Paniceae (Poaceae: Panicoideae). *Syst. Bot.* 13(4):576-609.

Zuloaga, F.O., R.P. Ellis, & O. Morrone. 1993. A revision of *Panicum* subg. *Dichanthelium* sect. *Dichanthelium* (Poaceae: Panicoideae: Paniceae) in Mesoamerica, the West Indies, and South America. *Ann. Missouri Bot. Gard.* 80:119-190.

acuminatum (Swartz) Gould & Clark var. ***acuminatum*** [Allred 2005; M&H]

wooly rosettegrass

Panicum acuminatum Swartz

Panicum huachucae Ashe var. *fasciculatum* (Torrey) F.T. Hubbard

Panicum huachucae Ashe var. *huachucae*

Panicum lanuginosum Elliott

Panicum lanuginosum Elliott var. *lindheimeri* (Nash) Fernald

Panicum lindheimeri Nash

Panicum tennesseense Ashe

linearifolium of earlier NM works = *Dichanthelium perlongum* (Nash) Freckmann

oligosanthes (Schultes) Gould var. ***scribnerianum*** (Nash) Gould [Allred 2005; M&H; W&S]

Scribner's rosettegrass

Panicum helleri Nash

Panicum oligosanthes Schultes var. *helleri* (Nash) Fernald

Panicum oligosanthes Schultes var. *scribnerianum* (Nash) Fernald

Panicum scribnerianum Nash

oligosanthes (Schultes) Gould var. *wilcoxianum* (Vasey) Gould & Clark = *Dichanthelium wilcoxianum* Vasey

perlongum Nash [Allred 2005]

long-stalked rosettegrass

Dichanthelium linearifolium of earlier NM works

Panicum perlongum Nash

wilcoxianum (Vasey) Freckmann [Allred 2005; M&H]

Wilcox's rosettegrass

Dichanthelium oligosanthes (Schultes) Gould var. *wilcoxianum* (Vasey) Gould & Clark

Panicum wilcoxianum Vasey

Digitaria crabgrass

Gould, F.W. 1963. Cytotaxonomy of *Digitaria sanguinalis* and *D. adscendens*. *Brittonia* 15:241-244.

Henrard, J.T. 1950. Monograph of the genus *Digitaria*. Universitaire Pers, Leiden.

Webster, R.D. 1987. Taxonomy of *Digitaria* section *Digitaria* in North America (Poaceae: Paniceae). *Sida* 12(1):209-222.

Webster, R.D. & S.L. Hatch. 1981. Taxonomic relationships of Texas specimens of *Digitaria ciliaris* and *D. bicornis* (Poaceae). *Sida* 9:34-42.

Wipff, J.K. 2001. Nomenclatural change in the *Digitaria cognata* complex (Poaceae: Paniceae). *Sida* 19(4):923-924.

Wipff, J.K. & S.L. Hatch. 1988. Nomenclatural changes in *Taeniatherum* and *Digitaria* (Poaceae). *Sida* 13(1):119-121.

Wipff, J.K. & S.L. Hatch. 1994. A systematic study of *Digitaria* sect. *Pennatae* (Poaceae: Paniceae) in the New World. *Syst. Bot.* 19:613-627.

californica (Bentham) Henrard [Allred 2005; M&H; W&S]

Arizona cottontop

Trichachne californica (Bentham) Chase

Valota saccharata (Buckley) Chase

****ciliaris*** (Retzius) Koeler [Allred 2005]

southern crabgrass

cognata (Schultes) Pilger subsp. *pubiflora* (Vasey ex L.H. Dewey) Wipff = *Digitaria pubiflora* (Vasey ex L.H. Dewey) Wipff

****eriantha*** Steudel [Allred 2005]

pangola grass

****ischaemum*** (Schreber) Schreber ex Muhlenberg [Allred 2005]

smooth crabgrass

pubiflora (Vasey ex L.H. Dewey) Wipff [Allred 2005; M&H; W&S; Wipff & Hatch 1994]

fall witchgrass

Digitaria cognata (Schultes) Pilger subsp. *pubiflora* (Vasey ex L.H. Dewey) Wipff

Leptoloma cognatum (Schultes) Chase subsp. *pubiflora* (Vasey) Wipff & Hatch

****sanguinalis*** (Linnaeus) Scopoli [Allred 2005; M&H; W&S]

hairy crabgrass

Panicum sanguinale Linnaeus

- Syntherisma sanguinale* (Linnaeus) Dulac
- Distichlis** saltgrass
 Beetle, A.A. 1943. The North American variations of *Distichlis spicata*. Bull. Torrey Bot. Club 70:638-650.
spicata (Linnaeus) Greene var. *stricta* (Torrey) Beetle [Allred 2005; W&S]
 inland saltgrass
Distichlis stricta (Torrey) Rydberg
stricta (Torrey) Rydberg = *Distichlis spicata* (Linnaeus) Greene var. *stricta* (Torrey) Beetle
- Echinochloa** barnyardgrass
 Costea, M. & F.J. Tardif. 2002. Taxonomy of the most common weedy European *Echinochloa* species (Poaceae: Panicoideae) with special emphasis on characters of the lemma and caryopsis. Sida 20(2):525-548.
 Gould, F.W., M.A. Ali, & D.E. Fairbrothers. 1972. A revision of *Echinochloa* in the United States. Amer. Midl. Naturalist 87(1):36-59.
 Wiegand, K.M. 1921. The genus *Echinochloa* in North America. Rhodora 23:49-65.
 **colonom* (Linnaeus) Link [Allred 2005; M&H; W&S]
 jungle-rice
 **crus-galli* (Linnaeus) Beauvois [Allred 2005; M&H; W&S]
 large barnyardgrass
Echinochloa crus-galli (Linnaeus) Beauvois var. *mitis* (Pursh) Peterm.
Echinochloa crus-galli (Linnaeus) Beauvois var. *zelayensis* (Kunth) Hitchcock
Echinochloa zelayensis (Kunth) Schultes
crus-galli (Linnaeus) Beauvois var. *mitis* (Pursh) Peterm. = *Echinochloa crus-galli* (Linnaeus) Beauvois
crus-galli (Linnaeus) Beauvois var. *zelayensis* (Kunth) Hitchcock = *Echinochloa crus-galli* (Linnaeus) Beauvois
crus-pavonis (Kunth) Schultes var. *macera* (Wiegand) Gould [Allred 2005]
 gulf coast barnyardgrass
 **muricata* (Beauvois) Fernald var. *microstachya* Wiegand [Allred 2005]
 cockspur
 **muricata* (Beauvois) Fernald var. *muricata* [Allred 2005]
 cockspur
zelayensis (Kunth) Schultes = *Echinochloa crus-galli* (Linnaeus) Beauvois
- Eleusine** goosegrass
 Phillips, S.M. 1972. A survey of the genus *Eleusine* Gaertner (Gramineae) in Africa. Kew Bull. 27:251-270.
 **indica* (Linnaeus) Gaertner [Allred 2005; M&H]
 goosegrass
- Elionurus** balsamscale
 Peterson, P.M., R.J. Soreng, & G. Davidse. 1998. (1365) Proposal to conserve the name *Elionurus* (Poaceae, Andropogoneae) with that spelling. Taxon 47(3):737-738.
barbiculmis Hackel [Allred 2005; M&H; W&S]
 woolyspike balsamscale
 ×*Elyhordeum macounii* (Vasey) Barkworth & Dewey : Unstabilized hybrids between *Elymus trachycaulus* × *Hordeum jubatum*. (Boyle & Holmgren 1955).
 ×*Elymotrigia saxicola* (Scribner & Smith) Barkworth & Dewey : Unstabilized hybrids between *Elymus longifolius* × *Elymus spicatus*. (Dewey 1964).
- Elymus** wheatgrass, wildrye
 Aung, T. & P.D. Walton. 1990. Morphology and cytology of the reciprocal hybrids between *Elymus trachycaulus* and *Elymus canadensis*. Genome 33:123-130.
 Barkworth, M.E. 1994. The *Elymus trachycaulus* complex in North America: more questions than answers. Proceedings of the 2nd International Triticeae Symposium 189-198.
 Barkworth, M.E., J.J.N. Campbell, & B. Salomon. 2007. *Elymus*, p. 288-343. IN: Flora of North America, vol. 24. Oxford University Press. [*Elymus villosus*]
 Barkworth, M.E. & D.R. Dewey. 1985. Genomically based genera in the perennial Triticeae of North America: identification and membership. Amer. J. Bot. 72:767-776.
 Baum, B.R., J.R. Estes, & P.K. Gupta. 1987. Assessment of the genomic system of classification in the Triticeae. Amer. J. Bot. 74:1388-1395.
 Bowden, W.M. 1962. Cytotaxonomy of the native and adventive species of *Hordeum*, *Eremopyrum*, *Secale*, *Sitanion*, and *Triticum* in Canada. Can. J. Bot. 40:1675-1711.
 Campbell, J.J.N. 2006. Two new species of *Elymus* (Poaceae) in the southern U.S.A. and other notes on North American *Elymus* species. Sida 22(1):485-494. [*Elymus hystrix*]
 Church, G.L. 1967. Taxonomic and genetic relationships of eastern North American species of *Elymus* with setaceous glumes. Rhodora 69:121-162. [*Elymus hystrix*]
 Dewey, D.R. 1964. Natural and synthetic hybrids of *Agropyron spicatum* × *Sitanion hystrix*. Bull. Torrey Bot. Club 91:396-405.
 Dewey, D.R. 1983. Historical and current taxonomic perspectives of *Agropyron*, *Elymus*, and related genera. Crop Sci. 23:637-642.
 Estes, J.R. & R.J. Tyril. 1982. The generic concept and generic circumscription in the Triticeae: an end paper. IN J.R. Estes, R.J. Tyril, & J.N. Brunken (eds.), Grasses and Grasslands, p. 145-164. Univ. Oklahoma Press. Norman, Oklahoma.
 Gabel, M.L. 1984. A biosystematic study of the genus *Elymus* (Gramineae: Triticeae) in Iowa. Proc. Iowa Acad. Sci. 91(4):140-146.
 Holmgren, A.H. & N.H. Holmgren. 1977. Tribe 3. Triticeae, pp. 292-336. IN: Intermountain Flora, vol. 6. New York Botanical Garden.
 Jarvie, J.K. 1992. Taxonomy of *Elytrigia* sect. *Caespitosae* and sect. *Junceae* (Gramineae: Triticeae). Nordic J. Bot. 12:155-169.
 Jarvie, J.K. & M.E. Barkworth. 1992. Morphological variation and genome constitution in some perennial Triticeae. Bot. J. Linnean Soc. 108(2):167-180.
 Melderis, A. 1978. Taxonomic notes on the tribe Triticeae (Gramineae), with special reference to the genera *Elymus* L. sensu lato, and *Agropyron* Gaertner sensu lato. Bot. J. Linn. Soc. 76:369-384.
 Runemark, H. & W.K. Heneen. 1968. *Elymus* and *Agropyron*, a problem of generic delimitation. Bot. Notiser 121:51-79.
 Wilson, F.D. 1963. Revision of *Sitanion* (Triticeae, Gramineae). Brittonia 15:303-323.
alaskanus (Scribner & Merrill) A. Löve subsp. *latiglumis* (Scribner & J.G. Smith) A. Löve = *Elymus trachycaulis* (Link) Gould subsp. violaceus (Hornemann) A. & D. Löve
ambiguus Vasey & Scribner = *Leymus ambiguus* (Vasey & Scribner) D.R. Dewey
arizonicus (Scribner & Smith) Gould [Allred 2005; M&H; W&S]

Arizona wheatgrass

Agropyron arizonicum Scribner & Smith
Agropyron spicatum (Pursh.) Scribner & Smith var. *arizonicum* (Scribner & Smith) Jones
Elytrigia arizonica (Scribner & Smith) Dewey
Pseudoroegneria arizonica (Scribner & Smith) Löve

bakeri (E. Nelson) Löve [Allred 2005; M&H; W&S]

Baker's wheatgrass

Agropyron bakeri E. Nelson
brachystachys Scribner & Ball = *Elymus canadensis* Linnaeus
canadensis Linnaeus var. *brachystachys* (Scribner & Ball) Farwell = *Elymus canadensis* Linnaeus
canadensis Linnaeus var. *interruptus* (Buckley) Church = *Elymus interruptus* Buckley
canadensis Linnaeus [Allred 2005; M&H; W&S]

Canada wildrye

Elymus brachystachys Scribner & Ball
Elymus canadensis Linnaeus var. *brachystachys* (Scribner & Ball) Farwell
Elymus canadensis Linnaeus var. *robustus* (Scribner & Smith) Mackenzie & Bush
Elymus robustus Scribner & Smith
canadensis Linnaeus var. *robustus* (Scribner & Smith) Mackenzie & Bush = *Elymus canadensis* Linnaeus
cinereus Scribner & Merrill = *Leymus cinereus* (Scribner & Merrill) Löve

***elongatus** (Host) Runemark subsp. **elongatus** [Allred 2005]

tall wheatgrass

Agropyron elongatum (Host) Beauvois
Elytrigia elongata (Host) Nevski
Thinopyron elongatum (Host) Barkworth & Dewey
Triticum elongatum Host

***elongatus** (Host) Runemark subsp. **ponticus** (Podpěra) Melderis [Allred 2005]

tall wheatgrass

Elytrigia pontica (Podpěra) Holub
Lophopyrum ponticum (Podpěra) Löve
Thinopyrum ponticum (Podpěra) Barkworth & Dewey
Triticum ponticum Podpěra

elymoides (Rafinesque) Swezey [Allred 2005]

bottlebrush squirreltail

Sitanion californicum J.G. Smith
Sitanion hystrix (Nuttall) J. S. Smith in part

glaucus Buckley [Allred 2005; M&H; W&S]

blue wildrye

***hispidus** (Opiz) Melderis subsp. **barbulatus** (Schur) Melderis [Allred 2005]

pubescent wheatgrass

Agropyron barbulatum Schur
Agropyron trichophorum (Link) Richter
Elytrigia trichophora (Link) Nevski

***hispidus** (Opiz) Melderis subsp. **hispidus** [Allred 2005; M&H]

intermediate wheatgrass

Agropyron hispidum Opiz
Agropyron intermedium (Host) Beauvois
Elytrigia intermedia (Host) Nevski
Thinopyron intermedium (Host) Barkworth & Dewey

***hystrix** Linnaeus [Campbell 2006; Church 1967] Note: This was most likely a one-time introduction that has not persisted; there are no records since that time.

eastern bottlebrush-grass

Hystrix patula Moench

interruptus Buckley [Allred 2005; M&H]

Texas wildrye

Elymus canadensis Linnaeus var. *interruptus* (Buckley) Church
juncea Fischer = *Psathyrostachys juncea* (Fischer) Nevski

lanceolatus (Scribner & Smith) Gould [Allred 2005; M&H]

thickspike wheatgrass, streamside wheatgrass

Agropyron dasystachyum (Hooker) Scribner [not *Elymus dasystachys* Trinius ex Ledebour]
Agropyron dasystachyum (Hooker) Scribner var. *riparium* (Scribner & Smith) Bowden
Agropyron lanceolatum Scribner & Smith
Agropyron riparium Scribner & Smith
Elymus lanceolatus (Scribner & Smith) Gould subsp. *lanceolatus* (Scribner & Smith) Barkworth
Elymus riparius (Scribner & Smith) Gould
Elytrigia dasystachya (Hooker) Nevski

lanceolatus (Scribner & Smith) Gould subsp. *lanceolatus* (Scribner & Smith) Barkworth = *Elymus lanceolatus* (Scribner & Smith) Gould

longifolius (Smith) Gould [Allred 2005; M&H; W&S]

longleaf squirreltail

Sitanion brevifolium J.G. Smith
Sitanion caespitosum J.G. Smith
Sitanion hystrix (Nuttall) J.S. Smith in part
Sitanion longifolium J.G. Smith
Sitanion molle J.G. Smith
Sitanion pubiflorum J.G. Smith
Sitanion rigidum sensu W&S

×*macounii* Vasey : Unstabilized hybrids between *Elymus trachycaulus* × *Hordeum jubatum*. (Boyle & Holmgren 1955).

×*mossii* (Lepage) Barkworth & D.R. Dewey : This hybrid taxon is reported for NM by Kartesz (1999), erroneously citing Allred (1993).

×*pseudorepens* (Scribner & Smith) Barkworth & Dewey [Allred 2005]

false quackgrass

This name has been applied to unstabilized hybrid plants between *Elymus trachycaulus* × *Elymus lanceolatus* or *Elymus repens*.

**repens* (Linnaeus) Gould [Allred 2005; M&H]

quackgrass

Agropyron repens (Linnaeus) Beauvois
Elytrigia repens (Linnaeus) Nevski

riparius (Scribner & Smith) Gould = *Elymus lanceolatus* (Scribner & Smith) Gould

robustus Scribner & Smith = *Elymus canadensis* Linnaeus

salina M.E. Jones = *Leymus salina* (M.E. Jones) A. Löve

×*saundersii* Vasey : Unstabilized hybrids between *Elymus longifolius* × *Elymus trachycaulus*. (Dewey 1964).

×*saxicolus* Scribner & Smith : Unstabilized hybrids between *Elymus longifolius* × *Elymus spicatus*. (Dewey 1964).

scribneri (Vasey) M.E. Jones [Allred 2005; M&H; W&S]

Scribner's wheatgrass

Agropyron scribneri Vasey

simplex Scribner & Williams = *Leymus triticoides* (Buckley) Pilger

smithii (Rydberg) Gould [Allred 2005; M&H; W&S]

western wheatgrass

Agropyron molle (Scribner & Smith) Rydberg
Agropyron occidentale Scribner
Agropyron palmeri (Scribner & Smith) Rydberg
Agropyron smithii Rydberg
Agropyron smithii Rydberg var. *molle* (Scribner & Smith) M.E. Jones
Agropyron smithii Rydberg var. *palmeri* (Scribner & Smith) Heller
Elytrigia smithii (Rydberg) Nevski
Pascopyrum smithii (Rydberg) Löve

spicatus (Pursh) Gould [Allred 2005; M&H; W&S]

bluebunch wheatgrass

Agropyron inerme (Scribner & Smith) Rydberg
Agropyron spicatum (Pursh) Scribner & Smith
Elytrigia spicata (Pursh) Dewey
Pseudoroegneria spicata (Pursh) Löve

trachycaulus (Link) Gould ex Shinnery subsp. *novae-angliae* (Scribner) Tsvelev [Allred 2005]

New England wheatgrass

Agropyron novae-angliae Scribner

trachycaulus (Link) Gould ex Shinnery subsp. *subsecundus* (Link) A. & D. Löve [Allred 2005; M&H; W&S]

bearded wheatgrass

Agropyron caninum sensu M&H and W&S
Agropyron richardsonii (Trinius) Schrader
Agropyron subsecundum (Link) Hitchcock
Agropyron unilaterale Cassidy

trachycaulus (Link) Gould ex Shinnery subsp. *trachycaulus* [Allred 2005; M&H; W&S]

slender wheatgrass

Agropyron caninum sensu M&H, sensu W&S
Agropyron pauciflorum (Schweinitz) Hitchcock
Agropyron tenerum Vasey
Agropyron trachycaulum (Link) Malte

trachycaulus (Link) Gould ex Shinnery subsp. *violaceus* (Hornemann) A. & D. Löve [Allred 2005; W&S]

purple wheatgrass

Agropyron latiglume (Scribner & Smith) Rydberg
Agropyron violaceum (Hornemann) Lange
Elymus alaskanus (Scribner & Merrill) A. Löve subsp. *latiglumis* (Scribner & J.G. Smith) A. Löve

triticoides Buckley = *Leymus triticoides* (Buckley) Pilger

triticoides Buckley var. *simplex* (Scribner & Williams) Hitchcock = *Leymus triticoides* (Buckley) Pilger

villosus Muhlenberg ex Willdenow [Barkworth et al. 2007]

downy wildrye

virginicus Linnaeus [Allred 2005; M&H]

Virginia wildrye

Elymus virginicus Linnaeus var. *glabriflorus* (Vasey) Bush
Elymus virginicus Linnaeus var. *submuticus* Hooker
virginicus Linnaeus var. *glabriflorus* (Vasey) Bush = *Elymus virginicus* Linnaeus
virginicus Linnaeus var. *submuticus* Hooker = *Elymus virginicus* Linnaeus

Elyonurus = *Elionurus*

Elytrigia arizonica (Scribner & Smith) Dewey = *Elymus arizonicus* (Scribner & Smith) Gould
dasytachya (Hooker) Nevski = *Elymus lanceolatus* (Scribner & Smith) Gould
elongata (Host) Nevski = *Elymus elongatus* (Host) Runemark subsp. *elongatus*
intermedia (Host) Nevski = *hispidus* (Opiz) Melderis subsp. *hispidus*
pontica (Podpěra) Holub = *Elymus elongatus* (Host) Runemark subsp. *ponticus* (Podpěra) Melderis
repens (Linnaeus) Nevski = *Elymus repens* (Linnaeus) Gould
smithii (Rydberg) Nevski = *Elymus smithii* (Rydberg) Gould
spicata (Pursh) Dewey = *Elymus spicatus* (Pursh) Gould
trichophora (Link) Nevski = *Elymus hispidus* (Opiz) Melderis subsp. *barbulatus* (Schur) Melderis

Enneapogon pappusgrass

Chase, A. 1946. *Enneapogon desvauxii* and *Pappophorum wrightii*, an agrostological detective story. *Madroño* 8:187-189.

desvauxii Desvaux ex Beauvois [Allred 2005; M&H; W&S]

spike pappusgrass

Pappophorum wrightii S. Watson

Epicampes rigens Benth = *Muhlenbergia rigens* (Benth) Hitchcock

stricta Presl = *Muhlenbergia longiligula* Hitchcock

Eragrostis lovegrass

Allred, K.W. 2001. New plant distribution records. *The New Mexico Botanist* 19:3. [*Eragrostis frankii*]

Hershey, L.H. 1975. *Eragrostis*, pp. 177-201. IN: F.W. Gould. *The Grasses of Texas*. College Station, Texas: Texas A&M Press.

Hershey, A.L. & P.J. Leyendecker, Jr. 1944. Notes on plants of New Mexico – III. Leaf. *West. Bot.* 4(2):21-25. [*Eragrostis hypnoides*]

Koch, S. 1974. The *Eragrostis pectinacea-pilosa* complex in North and Central America (Gramineae: Eragrostoideae). *Illinois Biol. Monogr.* 48:1-74.

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Perry, G. & J. McNeill. 1986. The nomenclature of *Eragrostis cilianensis* (Poaceae) and the contribution of Bellardi to Allioni's *Flora Pedemontana*. *Taxon* 35:696-701.

Peterson, P.M. 2003. "*Eragrostis*," pp. 65-105. IN: Barkworth, M.E., K.M. Capels, S. Long, & M.B. Piep (eds.). *Flora of North America*, Vol. 25. Poaceae, part 2. Oxford University Press.

Reeder, J.R. 1986. Another look at *Eragrostis tephrosanthos* (Gramineae). *Phytologia* 60(2):153-154.

Witherspoon, J.G. 1975. A numerical taxonomic study of the *Eragrostis intermedia* complex (Poaceae). Ph.D. dissertation, University of Montana.

arida Hitchcock = *Eragrostis pectinacea* (Michaux) Nees var. *miserrima* (Fournier) J. Reeder

***barrelieri** Daveau [Allred 2005; M&H]

Mediterranean lovegrass

beyrichii J.G. Smith = *Eragrostis secundiflora* Presl subsp. *oxylepis* (Torrey) S.D. Koch

chloromelas Steudel = *Eragrostis curvula* (Schrader) Nees var. *conferta* Stapf

***cilianensis** (Allioni) Lutati ex Janchen [Allred 2005; M&H; W&S]

stinkgrass

Eragrostis megastachya (Koeler) Link

ciliaris (Linnaeus) R. Brown : Reported erroneously for NM in Peterson (2003); no specimens of this species are known for the state.

curtipedunculata Buckley [Allred 2005; M&H]

gummy lovegrass

***curvula** (Schrader) Nees var. *conferta* Stapf [Allred 2005]

Boer lovegrass

Eragrostis chloromelas Steudel

***curvula** (Schrader) Nees var. *curvula* [Allred 2005; M&H]

weeping lovegrass

diffusa Buckley = *Eragrostis pectinacea* (Michaux) Nees var. *pectinacea*

erosa Scribner [Allred 2005; M&H]

Chihuahua lovegrass

fendlerianus Steudel = *Poa fendleriana* (Steudel) Vasey subsp. *fendleriana*

***frankii** C.A. Meyer ex Steudel [Allred 2001]

sandbar lovegrass

hypnoides (Lamarck) Britton, Sterns, & Poggenburg [Allred 2005; Hershey & Leyendecker 1944; M&H]

teal lovegrass

intermedia A.S. Hitchcock [Allred 2005; M&H]

plains lovegrass

***lehmanniana** Nees [Allred 2005; M&H]

Lehmann lovegrass

limbata Fournier = *Eragrostis mexicana* Vasey subsp. *mexicana*

lugens Nees : Reported by M&H and W&S, but no validating specimens located (Allred 2005).

lutescens Scribner [Allred 2005]

six-weeks lovegrass

megastachya (Koeler) Link = *Eragrostis cilianensis* (Allioni) Vign. ex Janchen

- mexicana** (Hornemann) Link subsp. **mexicana** [Allred 2005; M&H; W&S]
 Mexican lovegrass
Eragrostis limbata Fournier
Eragrostis neomexicana Vasey
neomexicana Vasey = *Eragrostis mexicana* Vasey
obtusiflora (Fournier) Scribner [Allred 2005; W&S]
 alkali lovegrass
oxylepis (Torrey) Torrey = *Eragrostis secundiflora* Presl subsp. *oxylepis* (Torrey) S.D. Koch
palmeri S. Watson [Allred 2005]
 Rio Grande lovegrass
pectinacea (Michaux) Nees ex Steudel var. **miserrima** (Fournier) J. Reeder [Allred 2005; M&H]
 desert lovegrass
Eragrostis arida Hitchcock
Eragrostis tephrosanthos Schultes
pectinacea (Michaux) Nees ex Steudel var. **pectinacea** [Allred 2005; M&H; W&S]
 tufted lovegrass, Carolina lovegrass
Eragrostis diffusa Buckley
Eragrostis purshii Schrader
pilosa (Linnaeus) Beauvois : Reported by M&H and W&S, but no validating specimens located (Allred 2005).
poeoides Beauvois ex Roemer & Schultes [=*Eragrostis minor* Host] : Reported by M&H, but no validating specimens located. (Allred 2005).
purshii Schrader = *Eragrostis pectinacea* (Michaux) Nees ex Steudel
secundiflora Presl var. *capitata* (Fournier) Beetle = *Eragrostis secundiflora* Presl subsp. *oxylepis* (Torrey) S.D. Koch
secundiflora Presl subsp. **oxylepis** (Torrey) S.D. Koch [Allred 2005; W&S]
 red lovegrass
Eragrostis beyrichii J.G. Smith
Eragrostis oxylepis (Torrey) Torrey
Eragrostis secundiflora Presl var. *capitata* (Fournier) Beetle
sessilispica Buckley [Allred 2005; W&S]
 tumble lovegrass
Acamptocladus sessilispicus (Buckley) Nash
spectabilis (Pursh) Steudel [Allred 2005; M&H]
 purple lovegrass
***superba** Peyritsch [Allred 2005]
 Wilman lovegrass
tephrosanthos Schultes = *Eragrostis pectinacea* (Michaux) Nees ex Steudel var. *miserrima* (Fournier) J. Reeder
trichodes (Nuttall) Wood [Allred 2005; W&S]
 sand lovegrass
- Eremopyrum** annual wheatgrass
 Bowden, W.M. 1962. Cytotaxonomy of the native and adventive species of *Hordeum*, *Eremopyrum*, *Secale*, *Sitanion*, and *Triticum* in Canada. Can. J. Bot. 40:1675-1711.
 Hatch, S.L. 1977. New grass distribution records for New Mexico and the United States. Great Basin Naturalist 37(4):530-531. [*Eremopyrum triticeum*]
***triticeum** (Gaertner) Nevski [Allred 2005; Hatch 1977]
 annual wheatgrass
Agropyron triticeum Gaertner
- Erianthus ravennae* (Linnaeus) Beauvois = *Saccharum ravennae* (Linnaeus) Linnaeus
- Eriochloa** cupgrass
 Shaw, R.B. & R.D. Webster. 1987. The genus *Eriochloa* (Poaceae: Paniceae) in North and Central America. Sida 12:165-207.
acuminata (Presl) Kunth var. **acuminata** [Allred 2005; M&H]
 Texas cupgrass
Eriochloa gracilis (Fournier) Hitchcock var. *gracilis*
acuminata (Presl) Kunth var. **minor** (Vasey) R.B. Shaw [Allred 2005; M&H; W&S]
 Texas cupgrass
Eriochloa gracilis (Fournier) A.S. Hitchcock var. *minor* (Vasey) Hitchcock
Eriochloa polystachya sensu W&S
contracta A.S. Hitchcock [Allred 2005; M&H]
 prairie cupgrass
gracilis (Fournier) Hitchcock var. *gracilis* = *Eriochloa acuminata* (Presl) Kunth var. *acuminata*
gracilis (Fournier) Hitchcock var. *minor* (Vasey) Hitchcock = *Eriochloa acuminata* (Presl) Kunth var. *minor* (Vasey) R.B. Shaw
lemmonii Vasey & Scribner [Allred 2005]
 canyon cupgrass
polystachya sensu W&S = *Eriochloa acuminata* (Presl) Kunth var. *minor* (Vasey) R.B. Shaw
- Eriocoma cuspidata* Nuttall = *Achnatherum hymenoides* (Roemer & J.A. Schultes) Barkworth
- Erioneuron** tridens
 Valdés-R., J. & S.L. Hatch. 1995. Anatomical study of *Erioneuron* and *Dasyochloa* (Poaceae: Chloridoideae: Eragrostideae) in North America. Sida 16(3):413-426.
 Valdés-R. & S.L. Hatch. 1997. A revision of *Erioneuron* and *Dasyochloa* (Poaceae: Eragrostideae). Sida 17(4):645-666.

avenaceum (Kunth) Tateoka [Allred 2005; M&H; W&S]

large-flowered tridens

Erioneuron avenaceum (Kunth) Tateoka var. *grandiflorum* (Vasey) Gould

Erioneuron grandiflorum (Vasey) Tateoka

Tridens avenaceus (Kunth) Hitchcock

Tridens grandiflorus (Vasey) Wooton & Standley

Triodia grandiflora Vasey

avenaceum (Kunth) Tateoka var. *grandiflorum* (Vasey) Gould = *Erioneuron avenaceum* (Kunth) Tateoka

avenaceum (Kunth) Tateoka var. *nealleyi* (Vasey) Gould = *Erioneuron nealleyi* (Vasey) Tateoka

grandiflorum (Vasey) Tateoka = *Erioneuron avenaceum* (Kunth) Tateoka

nealleyi (Vasey) Tateoka [Allred 2005; M&H; W&S]

Nealley's tridens

Erioneuron avenaceum (Kunth) Tateoka var. *nealleyi* (Vasey) Gould

Tridens nealleyi (Vasey) Wooton & Standley

pilosum (Buckley) Nash [Allred 2005; M&H; W&S]

hairy tridens

Tridens pilosus (Buckley) Hitchcock

Triodia pilosa (Buckley) Merrill

pulchellum (Kunth) Tateoka = *Dasyochloa pulchella* (Kunth) Willdenow ex Rydberg

Festuca fescue

Aiken, S.G. & S.J. Darbyshire. 1990. Fescue grasses of Canada. Agriculture Canada Publ. 1844/E.

Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 13:7. [*Festuca brachyphylla*, *F. calligera*, *F. earlei*, *F. trachyphylla*]

Allred, K.W. 2005. Perennial *Festuca* (Gramineae) of New Mexico. Desert Plants 21(2):3-12.

Argus, G.W. & S.G. Aiken. 1987. Noteworthy collections (New Mexico). Madroño 34:268-269. [*Festuca minutiflora*]

Auquier, P. & M. Kergulen. 1977. Un groupe embrouillé de *Festuca* (Poaceae): les taxons désignés par l'épithète "glauc" en Europe occidentale et dans les régions voisines. Lejeunia (Nouv. sr.) 89:1-82.

Darbyshire, S.J. 1993. Realignment of *Festuca* subgenus *Schedonorus* with the genus *Lolium* (Poaceae). Novon 3:239-243.

Darbyshire, S.J. & L.E. Pavlick. 1997. Nomenclatural notes on North American grasses. Phytologia 82(2):73-78.

Darbyshire, S.J. & S.I. Warwick. 1992. Phylogeny of North American *Festuca* (Poaceae) and related genera using chloroplast DNA restriction site variation. Can. J. Bot. 70:2415-2429.

Frederiksen, S. 1977. The *Festuca brachyphylla* group in Greenland. Bot. Notiser 130:269-277.

Frederiksen, S. 1979. *Festuca minutiflora* Rydberg, a neglected species. Bot. Notiser 132:315-318.

Frederiksen, S. 1982. *Festuca brachyphylla*, *F. saximontana* and related species in North America. Nord. J. Bot. 2:525-536.

Reveal, J.L., E.E. Terrell, J.H. Wiersma, & H. Scholz. 1991. Proposal to reject *Festuca elatior* L. with comments on the typification of *F. pratensis* and *F. arundinacea*. Taxon 40:135-137.

Soreng, R.J. E.E. Terrell. 1997. Taxonomic notes on *Schedonorus*, a segregate genus from *Festuca* or *Lolium*, with a new nothogenus, *×Schedololium*, and new combinations. Phytologia 83(2):85-88.

Terrell, E.E. 1967. Meadow fescue: *Festuca elatior* L. or *F. pratensis* Hudson? Brittonia 19:129-132.

Terrell, E.E. 1968. Notes on *Festuca arundinacea* and *F. pratensis* in the United States. Rhodora 70:564-568.

Wilkinson, M.J. & C.A. Stace. 1991. A new taxonomic treatment of the *Festuca ovina* L. aggregate (Poaceae) in the British Isles. Bot. J. Linn. Soc. 106:347-397.

arizonica Vasey [Allred 2005; M&H; W&S]

Arizona fescue

***arundinacea** Schreber [Allred 2005; M&H; W&S]

tall fescue

Festuca elatior Linnaeus

Lolium arundinaceum (Schreber) S.J. Darbyshire

Schedonorus arundinaceus (Schreber) Dumort [not *Schedonorus arundinaceus* Roemer & Schultes, an earlier homonym]

Schedonorus phoenix (Scopoli) Holub

**arvensis* Auquier, Kerguélén, & Markgraf-Dannenberg (blue fescue) : Included by Allred (2005) only as an ornamental and not known to escape.

Festuca glauca Lamarck

Festuca ovina Linnaeus var. *glauca* of authors, not (Lamarck) Koch

Festuca ovina Linnaeus var. *ovina* auct.

brachyphylla J.A. Schultes ex J.A. & J.H. Schultes subsp. *brachyphylla* : Reported in Roalson & Allred (1995), but this subspecies not known in NM; replaced by subsp. *coloradensis* Frederiksen (Allred 2005; Frederiksen 1982).

Festuca ovina Linnaeus var. *brachyphylla* (Schultes) Piper

Festuca ovina Linnaeus var. *brevifolia* (R. Brown) S. Watson

brachyphylla J.A. Schultes ex J.A. & J.H. Schultes subsp. **coloradensis** Frederiksen [Allred 2005; M&H; W&S]

shortleaf fescue

Festuca ovina Linnaeus var. *brachyphylla* of NM reports

Festuca ovina Linnaeus var. *brevifolia* of NM reports

brevipila Tracy = *Festuca trachyphylla* (Hackel) Krajina

calligera Piper [Allred 2005]

southwestern fescue

dertonensis (Allioni) Ascherson & Graebner = *Vulpia bromoides* (Linnaeus) S.F. Gray

earlei Rydberg [Allred 2005]

Earle's fescue

elatior Linnaeus = *Festuca arundinacea* Schreber

elatior of many authors = *Festuca pratensis* Hudson

glauca Lamarck = *Festuca arvensis* Auquier, Kerguélén, & Markgraf-Dannenberg

idahoensis Elmer [Allred 2005; M&H]

Idaho fescue

Festuca ovina Linnaeus var. *ingrata* Hackel ex Beal
kingii (S. Watson) Cassidy = *Leucopoa kingii* (S. Watson) W.A. Weber
macrostachya Torrey & Gray = *Scleropogon brevifolius* Philippi
megalura Nuttall = *Vulpia myuros* (Linnaeus) K.C. Gmelin var. *hirsuta* Hackel
microstachys Nuttall var. *pauciflora* Scribner ex Beal = *Vulpia microstachys* (Nuttall) Munro in Bentham var. *pauciflora* (Scribner ex Beal) Lonard

minutiflora Rydberg [Allred 2005; Argus & Aiken 1987]

small-flowered fescue

myuros Linnaeus = *Vulpia myuros* (Linnaeus) K.C. Gmelin var. *myuros*
octoflora Walter var. *glauca* (Willdenow) Fernald = *Vulpia octoflora* (Walter) Rydberg var. *glauca* (Nuttall) Fernald
octoflora Walter var. *hirtella* Piper = *Vulpia octoflora* (Walter) Rydberg var. *hirtella* (Piper) Henrard
octoflora Walter var. *octoflora* = *Vulpia octoflora* (Walter) Rydberg var. *octoflora*
octoflora Walter var. *tenella* (Willdenow) Fernald = *Vulpia octoflora* (Walter) Rydberg var. *glauca* (Nuttall) Fernald
ovina Linnaeus var. *brachyphylla* (Schultes) Piper = *Festuca brachyphylla* Schultes subsp. *brachyphylla*
ovina Linnaeus var. *brachyphylla* of NM reports = *Festuca brachyphylla* Schultes subsp. *coloradensis* Frederiksen
ovina Linnaeus var. *brevifolia* (R. Brown) S. Watson = *Festuca brachyphylla* Schultes subsp. *brachyphylla*
ovina Linnaeus var. *brevifolia* of NM reports = *Festuca brachyphylla* Schultes subsp. *coloradensis* Frederiksen
ovina Linnaeus var. *duriuscula* of many authors, not Linnaeus s.s. = *Festuca trachyphylla* (Hackel) Krajina
ovina Linnaeus subsp. *eu-ovina* var. *duriuscula* (Linnaeus) Koch subvar. *trachyphylla* Hackel = *Festuca trachyphylla* (Hackel) Krajina
ovina Linnaeus var. *glauca* of authors, not (Lamarck) Koch = *Festuca arvernensis* Auquier, Kerguélen, & Markgraf-Dannenberg
ovina Linnaeus var. *ingrata* Hackel ex Beal = *Festuca idahoensis* Elmer
ovina Linnaeus var. *ovina* : Reported by M&H, but no validating specimens located.
ovina Linnaeus var. *ovina* of numerous authors = *Festuca arvernensis* Auquier, Kerguélen, & Markgraf-Dannenberg
ovina Linnaeus var. *rydbergii* Saint-Yves = *Festuca saximontana* Rydberg
pacifica Piper = *Vulpia microstachys* (Nuttall) Bentham var. *pauciflora* (Scribner ex Beal) Lonard & Gould

***pratensis** Hudson [Allred 2005]

meadow fescue

Festuca elatior of many authors
Lolium pratense (Hudson) Darbyshire
Schedonorus pratensis (Hudson) P. Beauvois

rubra Linnaeus [Allred 2005; M&H]

red fescue

saximontana Rydberg [Allred 2005]

mountain fescue

Festuca ovina Linnaeus var. *rydbergii* Saint-Yves

sororia Piper [Allred 2005; M&H; W&S]

ravine fescue

tenella Willdenow = *Vulpia octoflora* (Walter) Rydberg var. *glauca* (Nuttall) Fernald

thurberi Vasey [Allred 2005; M&H; W&S]

Thurber's fescue

***trachyphylla** (Hackel) Krajina [Allred 1999; Aiken & Darbyshire 1990]

hard fescue

Festuca brevipila Tracy
Festuca trachyphylla Hackel ex Druce, nomen nudum (Darbyshire & Pavlick 1997)
Festuca ovina Linnaeus subsp. *eu-ovina* var. *duriuscula* (Linnaeus) Koch subvar. *trachyphylla* Hackel
Festuca ovina Linnaeus var. *duriuscula* of many authors, not Linnaeus s.s.

trachyphylla Hackel ex Druce = *Festuca trachyphylla* (Hackel) Krajina

Glyceria mannagrass

Church, G.L. 1949. A cytotoxic study of *Glyceria* and *Puccinellia*. Amer. J. Bot. 36:155-156.

Ruiz de Esparza, R. & J. Maze. 1997. A taxonomic study of the grass genus *Glyceria* (Mannagrass) in British Columbia. Can. Field-Natural. 111(2):194-199.

borealis (Nash) Batchelder [Allred 2005; M&H; W&S]

northern mannagrass

Panicularia borealis Nash

elata (Nash ex Rydberg) M.E. Jones [Allred 2005; M&H; W&S]

tall mannagrass

Panicularia elata Nash ex Rydberg
Panicularia nervata (Willdenow) Kuntze var. *elata* (Nash ex Rydberg) Piper

grandis S. Watson [Allred 2005; M&H; W&S]

American mannagrass

Panicularia grandis (S. Watson) Nash

nervata Trinius = *Glyceria striata* (Lamarck) A.S. Hitchcock

pauciflora Presl = *Torreyochloa pallida* (Torrey) Church var. *pauciflora* (J.S. Presl) J.I. Davis

striata (Lamarck) A.S. Hitchcock [Allred 2005; M&H]

fowl mannagrass

Glyceria nervata Trinius

- Glyceria striata* (Lamarck) A.S. Hitchcock var. *striata* (Scribner) Fernald
Panicularia nervata (Willdenow) Kuntze
striata (Lamarck) A.S. Hitchcock var. *striata* (Scribner) Fernald = *Glyceria striata* (Lamarck) A.S. Hitchcock
Graphophorum flexuosum Thurber = *Redfieldia flexuosa* (Thurber) Vasey
wolfii (Vasey) Vasey ex Coulter = *Trisetum wolfii* Vasey
Gymnopogon ambiguus (Michaux) Britton, Sterns, & Poggenburg : Reported by Smith (2003) for NM, based on an 1853 collection from Doña Ana County; the species has not been found since and occurs naturally from central Texas eastward.
- Hackelochloa** pit-grass
**granularis* (Linnaeus) Kuntze [Allred 2005; Hitchcock & Chase 1951]
pit-grass
- Helictotrichon** alpine oat
Allred, K.W. 2003. Plant distribution reports. The New Mexico Botanist 28:8. [*Helictotrichon hookeri*]
hookeri (Scribner) Henrard [Allred 2003; Hitchcock & Chase 1951]
Hooker's alpine oat
Avena hookeri Scribner
Avenula hookeri (Scribner) Holub
mortonianum (Scribner) Henrard [Allred 2005; M&H]
Morton's alpine oat
- Hesperochloa kingii* (S. Watson) Rydberg = *Leucopoa kingii* (S. Watson) W.A. Weber
- Hesperostipa** needle-and-thread
Barkworth, M.E. 1978. A taxonomic study of the large-glumed species of *Stipa* (Gramineae) occurring in Canada. Can. J. Bot. 56(6):606-625.
Barkworth, M.E. 1993. North American Stipeae (Gramineae): Taxonomic changes and other comments. Phytologia 74(1):1-25.
comata (Trinius & Ruprecht) Barkworth subsp. *comata* [Allred 2005; M&H; W&S]
needle-and-thread
Stipa comata Trinius & Ruprecht
comata (Trinius & Ruprecht) Barkworth subsp. *intermedia* (Scribner & Tweedy) Barkworth [Allred 2005; M&H; W&S]
needle-and-thread
Stipa comata Trinius & Ruprecht var. *intermedia* Scribner & Tweedy
Stipa tweedyi Scribner
neomexicana (Thurber) Barkworth [Allred 2005; M&H; W&S]
New Mexico feathergrass
Stipa neomexicana (Thurber ex Coulter) Scribner
spartea (Trinius) Barkworth [Allred 2005; M&H; W&S]
porcupinegrass
Stipa spartea Trinius
- Heteropogon** tanglehead
contortus (Linnaeus) Beauvois ex Roemer & J.A. Schultes [Allred 2005; M&H; W&S]
tanglehead
- Hierochloë** sweetgrass
Schouten, Y. & J.F. Veldkamp. 1985. A revision of *Anthoxanthum* including *Hierochloë* (Gramineae) in Malaysia and Thailand. Blumea 30:319-351.
Weimarck, G. 1971. Variation and taxonomy of *Hierochloë* (Gramineae) in the Northern Hemisphere. Bot. Not. 124:129-175.
hirta (Schrank) Borbas subsp. *arctica* (Presl) Weimarck = *Hierochloë odorata* (Linnaeus) Beauvois
odorata (Linnaeus) Beauvois [Allred 2005; M&H]
northern sweetgrass
Anthoxanthum nitens (Weber) Y. Schouten & Veldkamp
Hierochloë hirta (Schrank) Borbas subsp. *arctica* (Presl) Weimarck
Holcus odoratus Linnaeus
Savastana odorata (Linnaeus) Scribner
- Hilaria** curly mesquite
Columbus, J.T. 1993. *Pleuraphis* -- distinct from *Hilaria* (Gramineae: Chloridoideae). Amer. J. Bot. 80(suppl.):138-139.
Columbus, J.T. & M.A. Peot. 1993. Revisionary studies in *Hilaria* (Gramineae: Chloridoideae): the annual species. Amer. J. Bot 80(suppl.):139.
Cory, V.L. 1948. Curly mesquite grass in Texas and northern Mexico. Wrightia 1(4):214-217.
Sohns, E.R. 1956. The genus *Hilaria* (Gramineae). J. Wash. Acad. Sci. 46:311-321.
belangeri (Steudel) Nash [Allred 2005; M&H; W&S]
curly mesquite
Anthephora belangeri Steudel
Hilaria texana Nash
Hilaria cenchroides Kunth
cenchroides Kunth = *Hilaria belangeri* (Steudel) Nash
jamesii (Torrey) Benth = *Pleuraphis jamesii* Torrey
mutica (Buckley) Benth = *Pleuraphis mutica* Buckley
rigida (Thurber) Benth ex Scribner = *Pleuraphis rigida* Thurber in S. Watson
swallenii Cory [Allred 2005]
Swallen's curly mesquite
texana Nash = *Hilaria belangeri* (Steudel) Nash
- Holcus** velvetgrass
halapensis Linnaeus = *Sorghum halapense* (Linnaeus) Persoon

**lanatus* Linnaeus [Allred 2005; M&H; W&S]

common velvetgrass

odoratus = Hierochloë odorata (Linnaeus) Beauvois

Hordeum barley

Baden, C. & R. von Bothmer. 1994. A taxonomic revision of *Hordeum* sect. *Critesion*. Nordic J. Bot. 14(2):117-136.

Bothmer, von, R., N. Jacobsen, C. Baden, R.B. Jørgensen, and I. Linde-Laursen. 1995. An ecogeographical study of the genus *Hordeum*. 2nd edition. Systematic and Ecogeographic Studies on Crop Genepools 7. International Plant Genetic Resources Institute, Rome.

Bowden, W.M. 1962. Cytotaxonomy of the native and adventive species of *Hordeum*, *Eremopyrum*, *Secale*, *Sitanion*, and *Triticum* in Canada. Can. J. Bot. 40:1675-1711.

Baum, B.R. 1980. Multivariate morphometric relationships between *Hordeum jubatum* and *Hordeum brachyantherum* in Canada and Alaska. Can. J. Bot. 58(6):604-623.

Baum, B.R. 1983. Morphometric relationships in *Hordeum vulgare* (Triticeae, Poaceae). II. *Hordeum agriocrithon*, *H. distichum*, *H. lagunculiforme*, *H. spontaneum*, and *H. vulgare*. Can. J. Bot. 61(7):2023-2031.

Baum, B.R. 1988. A taxonomic investigation of *Hordeum arizonicum* (Poaceae: Triticeae) with reference to related species. Can. J. Bot. 66:1848-1855.

Baum, B.R. & L.G. Bailey. 1990. Key and synopsis of North American *Hordeum* species. Can. J. Bot. 68:2433-2442.

Bothmer, R.N., N. Jacobson, R.B. Jørgensen, & E. Nicora. 1982. Revision of the *Hordeum pusillum* group. Nordic J. Bot. 2:307-321.

Boyle, W.S. & A.H. Holmgren. 1955. A cytogenetic study of natural and controlled hybrids between *Agropyron trachycaulum* and *Hordeum jubatum*. Genetics 40:539-545.

Jacobsen, N. & R. von Bothmer. 1995. Taxonomy in the *Hordeum murinum* complex (Poaceae). Nordic J. Bot. 15(5):449-458.

**arizonicum* Covas [Allred 2005]

Arizona barley

Critesion arizonicum (Covas) Löve

brachyantherum Nevski [Allred 2005; M&H; W&S]

meadow barley

Critesion brachyantherum (Nevski) Barkworth & Dewey

Hordeum nodosum of authors, not Linnaeus

caespitosum Scribner = *Hordeum jubatum* Linnaeus subsp. *intermedium* Bowden

distichon Linnaeus = *Hordeum vulgare* Linnaeus

glaucum Steudel = *Hordeum murinum* Linnaeus subsp. *glaucum* (Steudel) Tsvelev

jubatum Linnaeus var. *caespitosum* (Scribner) Hitchcock = *Hordeum jubatum* Linnaeus subsp. *intermedium* Bowden

jubatum Linnaeus subsp. **intermedium** Bowden [Allred 2005; Baden & Bothmer 1994; M&H; W&S]

foxtail barley

Hordeum caespitosum Scribner

Hordeum jubatum Linnaeus var. *caespitosum* (Scribner) Hitchcock

jubatum Linnaeus subsp. **jubatum** [Allred 2005; M&H; W&S]

foxtail barley

Critesion jubatum (Linnaeus) Nevski

leporinum Link = *Hordeum murinum* Linnaeus subsp. *leporinum* (Link) Arcangeli

***murinum** Linnaeus subsp. **glaucum** (Steudel) Tsvelev [Allred 2005; M&H; W&S]

wall barley

Critesion murinum (Linnaeus) Löve

Hordeum glaucum Steudel

Hordeum stebbinsii Covas

***murinum** Linnaeus subsp. **leporinum** (Link) Arcangeli [Allred 2005; M&H]

hare barley

Critesion murinum (Linnaeus) Löve subsp. *leporinum* (Link) Löve

Hordeum leporinum Link

nodosum of authors, not Linnaeus = *Hordeum brachyantherum* Nevski

pusillum Nuttall [Allred 2005; M&H]

little barley

Critesion pusillum (Nuttall) Löve

Hordeum pusillum Nuttall var. *pubens* A.S. Hitchcock

pusillum Nuttall var. *pubens* A.S. Hitchcock = *Hordeum pusillum* Nuttall

stebbinsii Covas = *Hordeum murinum* Linnaeus subsp. *glaucum* (Steudel) Tsvelev

trifurcatum = *Hordeum vulgare* Linnaeus

***vulgare** Linnaeus [Allred 2005; M&H]

barley

Hordeum distichon Linnaeus

Hordeum trifurcatum (Schlechtendal) Wenderoth

Hystrix patula Moench = *Elymus hystrix* Linnaeus

Imperata satintail

brevifolia Vasey [Allred 2005; M&H]

satintail

**cylindrica* (Linnaeus) Beauvois var. *koenigii* (Retzius) T. Durand & Schinz (Japanese bloodgrass, 'Red Baron') : Cultivated as an ornamental landscape plant; not known to occur in the wild in NM.

Jarava

speciosa (Trinius & Ruprecht) Peñailillo [Allred & Heil 2000; M&H; W&S]

desert needlegrass

Achnatherum speciosum (Trinius & Ruprecht) Barkworth

Stipa speciosa Trinius & Ruprecht

Koeleria Junegrass

Arnou, L.A. 1994. *Koeleria macrantha* and *K. pyramidata* (Poaceae): nomenclatural problems and biological distinctions. Syst. Bot. 19(1):6-20.

Greuter, W. 1968. Notulae nomenclaturales et bibliographicae 1-4. Candollea 23:81-108.

Shinners, L.H. 1956. Illegitimacy of Persoon's species of *Koeleria* (Gramineae). Rhodora 58:93-96.

cristata of many authors = *Koeleria macrantha* (Ledebour) Schultes

macrantha (Ledebour) J.A. Schultes [Allred 2005; M&H; W&S]

Junegrass

Koeleria cristata of many authors

Koeleria nitida Nuttall

nitida Nuttall = *Koeleria macrantha* (Ledebour) J.A. Schult

Lagurus hare's tail

Allred, K. 2004. Plant distribution reports. The New Mexico Botanist 31:1. [*Lagurus ovatus*]

***ovatus** Linnaeus [Allred 2004]

hare's tail

Leersia cutgrass

Pyrah, G.L. 1969. Taxonomic and distributional studies in *Leersia* (Gramineae). Iowa St. J. Sci. 44:215-270.

oryzoides (Linnaeus) Swartz [Allred 2005; M&H]

rice cutgrass

Leptochloa sprangletop

McNeill, J. 1979. *Diplachne* and *Leptochloa* (Poaceae) in North America. Brittonia 31:399-404.

Snow, N. 1998. Nomenclatural changes in *Leptochloa* P. Beauvois sensu lato (Poaceae, Chloridoideae). Novon 8:77-80.

Snow, N. & G. Davids. 1993. *Leptochloa mucronata* (Michaux) Kunth is the correct name for *Leptochloa filiformis* (Poaceae). Taxon 42(2):413-417.

dubia (Kunth) Nees [Allred 2005; M&H; W&S]

green sprangletop

fascicularis (Lamarck) Gray = *Leptochloa fusca* (Linnaeus) Kunth subsp. *fascicularis* (Lamarck) N. Snow

filiformis (Lamarck) Beauvois = *Leptochloa panicea* (Retzius) Ohwi subsp. *brachiata* (Steudel) N. Snow

fusca (Linnaeus) Kunth subsp. *fascicularis* (Lamarck) N. Snow [Allred 2005; M&H; W&S]

bearded sprangletop

Leptochloa fascicularis (Lamarck) Gray

fusca (Linnaeus) Kunth subsp. **uninervia** (J. Presl) N. Snow [Allred 2005; M&H]

Mexican sprangletop

Leptochloa uninervia (J. Presl) A.S. Hitchcock & Chase

mucronata of NM authors = *Leptochloa panicea* (Retzius) Ohwi subsp. *brachiata* (Steudel) N. Snow

nealleyi Vasey : Reported by W&S, but this is a species of the coastal prairies of Texas and Louisiana and not present in NM.

panicea (Retzius) Ohwi subsp. **brachiata** (Steudel) N. Snow [Allred 2005; M&H; W&S]

red sprangletop

Leptochloa filiformis (Lamarck) Beauvois

Leptochloa mucronata of NM authors

uninervia (J. Presl) A.S. Hitchcock & Chase = *Leptochloa fusca* (Linnaeus) Kunth subsp. *uninervia* (J. Presl) N. Snow

viscida (Scribner) Beal [Allred 2005; M&H]

gum sprangletop

Leptoloma cognatum (Schultes) Chase subsp. *pubiflora* (Vasey) Wipff = *Digitaria pubiflora* (Vasey) Wipff

Lepturus paniculatus Nuttall = *Schedonnardus paniculatus* (Nuttall) Trelease

Leucopoa spike fescue

Hall, H.H. & S. Flowers. 1961. Vascular plants found in the Navajo Reservoir Basin, pp. 47-87. IN: D.M. Pendergast (ed.). Ecological studies of the flora and fauna of Navajo Reservoir Basin, Colorado and New Mexico. Univ. Utah Anthropological Papers, number 55. [*Hesperochloa kingii*]

kingii (S. Watson) W.A. Weber [Hall & Flowers 1961]

spike fescue

Festuca kingii (S. Watson) Cassidy

Hesperochloa kingii (S. Watson) Rydberg

Poa kingii S. Watson

Leymus wildrye

Allred, K.W. 2001. New plant distribution records. The New Mexico Botanist 18:3. [*Leymus cinereus*]

Atkins, R.J., M.E. Barkworth, & D.R. Dewey. 1984. A taxonomic study of *Leymus ambiguus* and *L. salinus* (Poaceae:Triticeae). Syst. Bot. 9:279-294.

Barkworth, M.E. & R.J. Atkins. 1984. *Leymus* Hochst. (Gramineae: Triticeae) in North America: Taxonomy and distribution. Amer. J. Bot. 71:609-625.

Hall, H.H. & S. Flowers. 1961. Vascular plants found in the Navajo Reservoir Basin, pp. 47-87. IN: D.M. Pendergast (ed.). Ecological studies of the flora and fauna of Navajo Reservoir Basin, Colorado and New Mexico. Univ. Utah Anthropological Papers, number 55.

Hatch, S.L. 1976. A taxonomic evaluation of *Elymus simplex* (Poaceae). Great Basin Naturalist 36(2):239-241.

ambiguus (Vasey & Scribner) D.R. Dewey [Allred 2005]

Rocky Mountain wildrye

Elymus ambiguus Vasey & Scribner

***cinereus** (Scribner & Merrill) Löve [Allred 2001]

Great Basin wildrye

Elymus cinereus Scribner & Merrill

condensatus (J. Presl) A. Löve : Reported by Hall & Flowers (1961); most likely refers to *Leymus cinereus* (Scribner & Merrill) Löve; awaits verification.

salina (M.E. Jones) A. Löve [Allred 2005]

Salina wildrye

Elymus salina M.E. Jones

triticooides (Buckley) Pilger [Allred 2005; M&H; W&S]

creeping wildrye

Elymus simplex Scribner & Williams

Elymus triticooides Buckley

Elymus triticooides Buckley var. *simplex* (Scribner & Williams) Hitchcock

Lolium ryegrass

Aiken, S.G., S.E. Gardiner, H.C.M. Bassett, B.L. Wilson, L.L. Conaul. 1998. Implications from SDS-PAGE analyses of seed proteins in the classification of taxa of *Festuca* and *Lolium* (Poaceae). *Biochemical Systematics and Ecology* 26:511-533.

Bulinska-Radomska, Z. & R.N. Lester. 1988. Intergeneric relationships of *Lolium*, *Festuca*, and *Vulpia* (Poaceae) and their phylogeny. *Pl. Syst. Evol.* 159:217-227.

Darbyshire, S.J. 1993. Realignment of *Festuca* subgenus *Schedonorus* with the genus *Lolium* (Poaceae). *Novon* 3:239-243.

Soreng, R.J. E.E. Terrell. 1997. Taxonomic notes on *Schedonorus*, a segregate genus from *Festuca* or *Lolium*, with a new nothogenus, *×Schedololium*, and new combinations. *Phytologia* 83(2):85-88.

arundinaceum (Schreber) S.J. Darbyshire = *Festuca arundinacea* Schreber

multiflorum Lamarck = *Lolium perenne* Linnaeus var. *aristatum* Willdenow

**perenne* Linnaeus var. *aristatum* Willdenow [Allred 2005; M&H]

Italian ryegrass

Lolium multiflorum Lamarck

Lolium perenne Linnaeus subsp. *italicum* (A. Braun) Syme

perenne Linnaeus subsp. *italicum* (A. Braun) Syme = *Lolium perenne* Linnaeus var. *aristatum* Willdenow

**perenne* Linnaeus var. *perenne* [Allred 2005; M&H; W&S]

perennial ryegrass

pratense (Hudson) S.J. Darbyshire = *Festuca pratensis* Hudson

rigidum Gaudin : Reported as expected by M&H; awaits verification.

**temulentum* Linnaeus [Allred 2005; M&H]

poison darnel

Lophopyrum ponticum (Podpěra) Löve = *Elymus elongatus* (Host) Runemark subsp. *ponticus* (Podpěra) Melderis

Lycurus wolftail

Peterson, P.M. & O. Morrone. 1997. Allelic variation in the amphitropical disjunct *Lycurus setosus* (Poaceae: Muhlenbergiinae). *Madroño* 44(4):334-346.

Reeder, C.G. 1985. The genus *Lycurus* (Gramineae) in North America. *Phytologia* 57:283-291.

Sanchez, E. & Z.E. Rugolo de Agrasar. 1986. Estudio taxonomico sobre el genero *Lycurus* (Gramineae). *Parodiána* 4(2):267-310.

phleoides Kunth [Allred 2005; Reeder 1985; W&S]

common wolftail

phleoides Kunth var. *glaucifolius* Beal = *Lycurus setosus* (Nuttall) C. Reeder

schaffneri (Fournier) Mez = *Muhlenbergia depauperata* Scribner

setosus (Nuttall) C. Reeder [Allred 2005; Reeder 1985]

bristly wolftail

Lycurus phleoides Kunth var. *glaucifolius* Beal

Melica melica

Boyle, W.S. 1945. A cytotoxic study of the North American species of *Melica*. *Madroño* 8:1-26.

nitens (Scribner) Nuttall ex Piper [Allred 2005; M&H]

three-flower melica

porteri Scribner var. *laxa* Boyle [Allred 2005]

Porter's melica

porteri Scribner var. **porteri** [Allred 2005; M&H; W&S]

Porter's melica

Melinis melinis

McIntosh, L. 1985. Noteworthy collections (New Mexico). *Madroño* 32:192. [*Rhynchelytrum repens*]

Zizka, G. 1987. Revision der Melinideae Hitchcock (Poaceae, Panicoideae). *Bibl. Bot.* 138:1-149.

***repens** (Willdenow) Zizka [Allred 2005]

Natal grass, ruby grass, molasses grass

Rhynchelytrum repens (Willdenow) C.E. Hubbard

Rhynchelytrum roseum (Nees) Bews

**Miscanthus sinensis* Andersson (Eulalia) : Included by Allred (2005) only as an ornamental and not known to escape.

Monroa = see Munroa

Muhlenbergia muhly

Dorr, L.J. and P.M. Peterson. 1993. Typification of two Buckley grass names revisited: *Muhlenbergia texana* and *M. monticola* (Poaceae). *Sida* 15(4):589-591.

Hatch, S.L. 1977. New grass distribution records for New Mexico and the United States. *Great Basin Naturalist* 37(4):530-531. [*Muhlenbergia villiflora villosa*]

Herrera-A., Y. 1998. A revision of the *Muhlenbergia montana* (Nuttall) Hitchcock complex (Poaceae: Chloridoideae). *Brittonia* 50(1):23-50.

Johnson, S. 2002. New plant distribution records. *The New Mexico Botanist* 21:2. [*Muhlenbergia eludens*]

Morden, C.W. 1995. A new combination in *Muhlenbergia* (Poaceae). *Phytologia* 79(1):28-30.

Morden, C.W. & S.L. Hatch. 1996. Morphological variation and synopsis of the *Muhlenbergia repens* complex (Poaceae). *Sida* 17(2):349-365.

Peterson, P.M. & C.R. Annable. 1991. Systematics of the annual species of *Muhlenbergia* (Poaceae-Eragrostideae). *Syst. Bot. Monogr.* 31:1-109.

Pohl, R.W. 1969. *Muhlenbergia*, subgenus *Muhlenbergia* (Gramineae) in North America. *Amer. Midl. Naturalist* 82:512-542.

Reeder, C.G. 1949. *Muhlenbergia minutissima* (Stuedel) Swallen and its allies. *J. Wash. Acad. Sci.* 39:363-367.

Reeder, C.G. & J.R. Reeder. 1995. The resurrection of a species; *Muhlenbergia straminea* (Gramineae). *Phytologia* 78(6):417-427.

Soderstrom, T.R. 1967. Taxonomic study of subgenus *Podosemum* and section *Epicampes* of *Muhlenbergia* (Gramineae). *Contr. U.S. Natl. Herb.* 34:75-189.

Swallen, J.R. 1947. The awnless annual species of *Muhlenbergia*. *Contrib. U.S. Nat. Her.* 29:203-208.

acuminata Vasey = *Muhlenbergia dubia* Fournier

affinis Trinius = *Muhlenbergia rigida* (Kunth) Trinius
andina (Nuttall) A.S. Hitchcock [Allred 2005; M&H; W&S]
 foxtail muhly
Muhlenbergia comata (Thurber) Benth
arenacea (Buckley) A.S. Hitchcock [Allred 2005; M&H; W&S]
 ear muhly
Sporobolus auriculatus Vasey
arenicola Buckley [Allred 2005; M&H; W&S]
 sand muhly
arizonica Scribner [Allred 2005]
 Arizona muhly
arsenei A.S. Hitchcock [Allred 2005; M&H]
 Arsene's muhly
asperifolia (Nees & Meyer ex Trinius) Parodi [Allred 2005; M&H; W&S]
 scratchgrass
Sporobolus asperifolius (Nees & Meyer ex Trinius) Nees
brevis C.O. Goodding [Allred 2005; M&H]
 short muhly
 *capillaris (Lamarck) Trinius (pink muhly) : Grown as an ornamental landscape grass, not known to escape to the wild.
comata (Thurber) Benth = *Muhlenbergia andina* (Nuttall) Hitchcock
cuspidata (Torrey ex Hooker) Rydberg [Allred 2005; M&H; W&S]
 plains muhly
depauperata Scribner [Allred 2005; M&H; W&S]
 sixweeks muhly
Muhlenbergia schaffneri Fournier
Lycurus schaffneri (Fournier) Mez
dubia Fournier ex Hemsley [Allred 2005; M&H; W&S]
 pine muhly
Muhlenbergia acuminata Vasey
eludens C.G. Reeder [Allred 2005; Johnson 2002; M&H]
 gravel-bar muhly
emersleyi Vasey [Allred 2005; M&H; W&S]
 bullgrass
filiculmis Vasey [Allred 2005; M&H]
 slimstem muhly
filiformis (Thurber ex S. Watson) Rydberg [Allred 2005; M&H]
 pull-up muhly
fragilis Swallen [Allred 2005; M&H]
 delicate muhly
glauca (Nees) B.D. Jackson [Allred 2005; M&H; W&S]
 desert muhly
Muhlenbergia lemmonii Scribner
gracillima Torrey = *Muhlenbergia torreyi* (Kunth) Hitchcock
lemmonii Scribner = *Muhlenbergia glauca* (Nees) Mez
longiligula A.S. Hitchcock [Allred 2005; M&H; W&S]
 longtongue muhly
Epicampes stricta Presl
metcalfei M.E. Jones [Allred 2005; W&S]
 Metcalfe's muhly
mexicana (Linnaeus) Trinius forma *ambigua* (Torrey) Fernald = *Muhlenbergia mexicana* (Linnaeus) Trinius var. *filiformis* (Torrey) Scribner
mexicana (Linnaeus) Trinius var. *mexicana* [Allred 2005; M&H; W&S]
 Mexican muhly
mexicana (Linnaeus) Trinius var. *filiformis* (Torrey) Scribner [Allred 2005]
 Mexican muhly
Muhlenbergia mexicana (Linnaeus) Trinius forma *ambigua* (Torrey) Fernald
minutissima (Steudel) Swallen [Allred 2005; M&H; W&S]
 least muhly
Agrostis minutissima Steudel
Sporobolus confusus auct.
montana (Nuttall) A.S. Hitchcock [Allred 2005; M&H; W&S]
 mountain muhly
Muhlenbergia subalpina Vasey
Muhlenbergia trifida Hackel

monticola Buckley = *Muhlenbergia tenuifolia* (Kunth) Trinius
mundula I.M. Johnston = *Muhlenbergia rigens* (Benth.) A.S. Hitchcock
neomexiana Vasey = *Muhlenbergia pauciflora* Buckley
parviglumis Vasey = *Muhlenbergia spiciformis* Trinius
pauciflora Buckley [Allred 2005; M&H]
 New Mexico muhly
Muhlenbergia neomexicana Vasey
peruviana (Beauvois) Steudel [Allred 2005]
Muhlenbergia pulcherrima Scribner
 Peruvian muhly
polycaulis Scribner [Allred 2005; M&H]
 cliff muhly
porteri Scribner ex Beal [Allred 2005; M&H; W&S]
 bush muhly
pulcherrima Scribner = *Muhlenbergia peruviana* (Beauvois) Steudel
pungens Thurber ex Gray [Allred 2005; M&H; W&S]
 sandhill muhly
racemosa (Michaux) Britton, Sterns, & Poggenburg [Allred 2005; M&H; W&S]
 green muhly
ramulosa (Kunth) Swallen [Allred 2005; M&H]
 red muhly
Muhlenbergia wolfii (Vasey) Rydberg
repens (Presl) Hitchcock [Allred 2005; M&H; W&S]
 creeping muhly
richardsonis (Trinius) Rydberg [Allred 2005; M&H; W&S]
 mat muhly
Muhlenbergia squarrosa Rydberg
rigens (Benth.) A.S. Hitchcock [Allred 2005; M&H; W&S]
 deergrass
Epicampes rigens Benth.
Muhlenbergia mundula I.M. Johnston
rigida (Kunth) Trinius [Allred 2005; M&H; W&S]
 purple muhly
Muhlenbergia affinis Trinius
schaffneri Fournier = *Muhlenbergia depauperata* Scribner
setifolia Vasey [Allred 2005; M&H]
 curlyleaf muhly
sinuosa Swallen [Allred 2005; M&H]
 barrens muhly
spiciformis Trinius [Allred 2005; M&H]
 long-awn muhly
Muhlenbergia parviglumis Vasey
squarrosa (Trinius) Rydberg = *Muhlenbergia richardsonis* (Trinius) Rydberg
straminea A.S. Hitchcock [Allred 2005; M&H; Reeder & Reeder 1995; W&S]
 screwleaf muhly
Muhlenbergia virescens of NM works, not (Kunth) Trinius
subalpina Vasey = *Muhlenbergia montana* (Nuttall) Hitchcock
sylvatica Torrey : Reported as expected by M&H; awaits verification.
tenuifolia (Kunth) Trinius [Allred 2005; M&H; W&S]
 mesa muhly
Muhlenbergia monticola Buckley
texana Buckley [Allred 2005; M&H]
 Texas muhly
thurberi (Scribner) Rydberg [Allred 2005; M&H; W&S]
 Thurber's muhly
torreyi (Kunth) A.S. Hitchcock ex Bush [Allred 2005; M&H; W&S]
 ring muhly
Muhlenbergia gracillima Torrey
trifida Hackel = *Muhlenbergia montana* (Nuttall) Hitchcock
utilis (Torrey) Hitchcock : Reported by M&H, but no validating specimens located (Morden & Hatch 1996).
villiflora Hitchcock var. ***villosa*** (Swallen) Morden [Allred 2005; Hatch 1977; M&H]
 hairy muhly
Muhlenbergia villosa Swallen
villosa Swallen = *Muhlenbergia villiflora* Hitchcock var. *villosa* (Swallen) Morden
virescens of NM works = *Muhlenbergia straminea* A.S. Hitchcock

wolfii (Vasey) Rydberg = *Muhlenbergia ramulosa* (Kunth) Swallen
wrightii Vasey ex Coulter [Allred 2005; M&H; W&S]
 spike muhly

Munroa false-buffalograss
 Anton, A.M. & A.T. Hunziker. 1978. El genero *Munroa* (Poaceae): Sinopsis morfológica y taxonomica. Bol. Acad. Nac. Ci. 52:229-252.
squarrosa (Nuttall) Torrey [Allred 2005; M&H; W&S]
 false-buffalograss
Munroa squarrosa (Nuttall) Torrey var. *floccuosa* Vasey ex Beal
squarrosa (Nuttall) Torrey var. *floccuosa* Vasey ex Beal = *Munroa squarrosa* (Nuttall) Torrey

Nassella needlegrass
 Barkworth, M.W. 1990. *Nassella* (Gramineae, Stipeae): Revised interpretation and nomenclatural changes. Taxon 39(4):597-614.
 Barkworth, M.E. 1993. North American Stipeae (Gramineae): Taxonomic changes and other comments. Phytologia 74(1):1-25.
 Barkworth, M.E. & M.A. Torres. 2001. Distribution and diagnostic characters of *Nassella* (Poaceae: Stipeae). Taxon 50:439-468.
 Reeder, J.R. 1994. *Stipa tenuissima* (Gramineae) in Arizona -- a comedy of errors. Madroño 41:328-329
 Thomasson, J.R. 1981. Micromorphology of the lemma in *Stipa robusta* and *Stipa viridula* (Gramineae: Stipeae): taxonomic significance. Southw. Natural. 26(2):211-214.
tenuissima (Trinius) Barkworth [Allred 2005; M&H; W&S]
 Mexican feathergrass
Stipa tenuissima Trinius
viridula (Trinius) Barkworth [Allred 2005; M&H; W&S]
 green needlegrass
Stipa viridula Trinius

Nazia aliena of authors = *Tragus berteronianus* Schultes
Neeragrostis reptans (Michaux) Nicora : Reported by Hatch (1980), but a check of the specimen (*Sopyn s.n.*, TAES) showed it to be *Eragrostis hypnoides* (Lamarck) Britton, Sterns, & Poggenburg

Oryzopsis ricegrass
 Barkworth, M.E. 1982. Embryological characters and the taxonomy of the Stipeae (Gramineae). Taxon 31(2):233-243.
 Barkworth, M.E. 1993. North American Stipeae (Gramineae): Taxonomic changes and other comments. Phytologia 74(1):1-25.
 Johnson, B.L. 1945. Natural hybrids between *Oryzopsis hymenoides* and several species of *Stipa*. Amer. J. Bot. 32:599-608.
asperifolia Michaux [Allred 2005; M&H; W&S]
 mountain ricegrass
bloomeri (Bolander) Ricker = *Achnatherum ×bloomeri* (Bolander) Barkworth
fimbriata Hemsley = *Piptochaetium fimbriatum* (Kunth) A.S. Hitchcock
hymenoides (Roemer & Schultes) Ricker ex Piper = *Achnatherum hymenoides* (Roemer & Schultes) Barkworth
micrantha (Trinius & Ruprecht) Thurber = *Piptatherum micranthum* (Trinius & Ruprecht) Barkworth
pungens (Torrey) A.S. Hitchcock = *Piptatherum pungens* (Torrey) Barkworth

Panicularia borealis Nash = *Glyceria borealis* (Nash) Batchelder
elata Nash ex Rydberg = *Glyceria elata* (Nash ex Rydberg) M.E. Jones
grandis (S. Watson) Nash = *Glyceria grandis* S. Watson
nervata (Willdenow) Kuntze = *Glyceria striata* (Lamarck) Hitchcock
nervata (Willdenow) Kuntze var. *elata* (Nash ex Rydberg) Piper = *Glyceria elata* (Nash ex Rydberg) M.E. Jones

Panicum panicum
 Aliscioni, S.S., L.M. Giussani, F.O. Zuloaga, & E.A. Kellogg. 2003. A molecular phylogeny of *Panicum* (Poaceae: Paniceae): tests of monophyly and phylogenetic placement within the Panicoideae. Amer. J. Bot. 90:796-821.
 Allred, K.W. 2003. Plant distribution reports. The New Mexico Botanist 28:8. [*Panicum alatum*]
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 Morrone, O. & F.O. Zuloaga. 1993. Sinopsis del genero *Urochloa* (Poaceae: Panicoideae: Paniceae) para Mexico y America Central. Darwiniana 32:59-75.
 Reeder, J.R. 1991. A new species of *Panicum* (Gramineae) from Arizona. Phytologia 71:300-303. [*Panicum mojavense*]
 Spellenberg, R.S., D. Anderson, & R. Brozka. 1993. Noteworthy Collections: New Mexico. Madroño 40:136-138. [*Panicum mojavense*]
 Zuloaga, F.O., R.P. Ellis, & O. Morrone. 1993. A revision of *Panicum* subg. *Dichanthelium* sect. *Dichanthelium* (Poaceae: Panicoideae: Paniceae) in Mesoamerica, the West Indies, and South America. Ann. Missouri Bot. Gard. 80:119-190.
 Zuloaga, F.O. & O. Morrone. 1996. Revision de las especies Americanas de *Panicum* subgenero *Panicum* seccion *Panicum* (Poaceae: Panicoideae: Paniceae). Ann. Missouri Bot. Gard. 83:200-280. [*Panicum alatum*]
 Webster, R.D. 1988. Genera of the North American Paniceae (Poaceae: Panicoideae). Syst. Bot. 13(4):576-609.
acuminatum Swartz = *Dichanthelium acuminatum* (Swartz) Gould & Clark var. *acuminatum*
alatum F. Zuloaga & O. Morrone var. **alatum** [Allred 2003]
alatum F. Zuloaga & O. Morrone var. **minus** (Andersson) Zuloaga & Morrone [Zuloaga & Morrone 1996]
 winged witchgrass
Panicum hirticaule Presl var. *minus* Andersson
 ***amarum** Elliott [Allred 2005]
 bitter panicum
 ***antidotale** Retzius [Allred 2005]
 blue panicum
arizonicum Scribner & Merrill = *Urochloa arizonica* (Scribner & Merrill) Morrone & Zuloaga

barbipulvinatum Nash = *Panicum capillare* Linnaeus var. *barbipulvinatum* (Nash) McGregor
bulbosum Kunth [Allred 2005; M&H; W&S]
 bulb panicum
Panicum bulbosum Kunth var. *minus* Vasey
Panicum bulbosum Kunth var. *sciaphilum* (Ruprecht) Hitchcock & Chase
Panicum plenum Hitchcock & Chase
Zuloagaea bulbosum (Kunth) Bess
bulbosum Kunth var. *minus* Vasey = *Panicum bulbosum* Kunth
bulbosum Kunth var. *sciaphilum* (Ruprecht) Hitchcock & Chase = *Panicum bulbosum* Kunth
capillare Linnaeus var. **barbipulvinatum** (Nash) McGregor [Allred 2005; W&S]
 witchgrass
Panicum barbipulvinatum Nash
capillare Linnaeus var. **brevifolium** Rydberg & Shear [Allred 2005; M&H]
 common witchgrass
Panicum capillare var. *occidentale* Rydberg
capillare Linnaeus var. *capillare* : Reported by M&H, but no validating specimens located. (Allred 2005; McGregor 1984).
capillare Linnaeus var. *occidentale* Rydberg = *Panicum capillare* Linnaeus var. *brevifolium* Rydberg & Shear
***coloratum** Linnaeus [Allred 2005]
 Kleingrass
***dichotomiflorum** Michaux [Allred 2005; M&H; W&S]
 fall panicum
fasciculatum Swartz var. *reticulatum* (Torrey) Beal = *Urochloa fusca* (Swartz) Hansen & Wunderlin
fuscum Swartz = *Urochloa fusca* (Swartz) Hansen & Wunderlin
hallii Vasey var. **filipes** (Scribner) Waller [Allred 2005]
 filly panicum
hallii Vasey var. **hallii** Vasey [Allred 2005; M&H; W&S]
 Hall's panicum
havardii Vasey [Allred 2005; W&S]
 Havard's panicum
helleri Nash = *Dichantherium oligosanthes* (Schultes) Gould var. *scribnerianum* (Nash) Gould
***hians** Elliott [Allred 2005; M&H; W&S]
 gaping panicum
Steinchisma hians (Elliott) Nash
hillmanii Chase [Allred 2005]
 Hillman's panicum
hirticaule J. Presl var. **hirticaule** [Allred 2005; M&H; W&S]
 Mexican witchgrass
hirticaule Presl var. *minus* Andersson = *Panicum alatum* F. Zuloaga & O. Morrone var. *minus* (Andersson) Zuloaga & Morrone
hirticaule Presl var. *pampinosum* (A.S. Hitchcock & Chase) Beetle = *Panicum pampinosum* A.S. Hitchcock & Chase
hirticaule Presl var. *stramineum* (A.S. Hitchcock & Chase) Beetle = *Panicum stramineum* A.S. Hitchcock & Chase
huachucae Ashe var. *fasciculatum* (Torrey) F.T. Hubbard = *Dichantherium acuminatum* (Swartz) Gould & Clark var. *acuminatum*
huachucae Ashe var. *huachecae* = *Dichantherium acuminatum* (Swartz) Gould & Clark var. *acuminatum*
lanuginosum Elliott = *Dichantherium acuminatum* (Swartz) Gould & Clark var. *acuminatum*
lanuginosum Elliott var. *lindheimeri* (Nash) Fernald = *Dichantherium acuminatum* (Swartz) Gould & Clark var. *acuminatum*
***lepidulum** A.S. Hitchcock & Chase : Reported by Allred (1993) and M&H, but the specimen in question is corrected to *Panicum hallii*
 Vasey
lindheimeri Nash = *Dichantherium acuminatum* (Swartz) Gould & Clark var. *acuminatum*
linearifolium of earlier NM works = *Dichantherium perlongum* (Nash) Freckmann
***miliaceum** Linnaeus subsp. **miliaceum** [Allred 2005; M&H; W&S]
 broomcorn millet
mohavense Reeder [Spellenberg et al. 1993; Reeder 1991]
 Mojave panicum
napaliense Davidse : Reported by Kartesz (1999) without documentation; awaiting verification.
obtusum Kunth [Allred 2005; M&H; W&S]
 vine mesquite
oligosanthes Schultes var. *helleri* (Nash) Fernald = *Dichantherium oligosanthes* (Schultes) Gould var. *scribnerianum* (Nash) Gould
oligosanthes Schultes var. *scribnerianum* (Nash) Fernald = *Dichantherium oligosanthes* (Schultes) Gould var. *scribnerianum* (Nash) Gould
pampinosum A.S. Hitchcock & Chase [Zuloaga & Morrone 1996]
 southwestern witchgrass
Panicum hirticaule Presl var. *pampinosum* (A.S. Hitchcock & Chase) Beetle
perlongum Nash = *Dichantherium perlongum* (Nash) Freckmann
plenum A.S. Hitchcock & Chase = *Panicum bulbosum* Kunth
pumilum Poiret = *Setaria pumila* (Poiret) Roemer & Schultes
ramisetum Scribner = *Setaria reverchonii* (Vasey) Pilger subsp. *ramiseta* (Scribner) W.E. Fox
sanguinale Linnaeus = *Digitaria sanguinalis* (Linnaeus) Scopoli
scribnerianum Nash = *Dichantherium oligosanthes* (Schultes) Gould var. *scribnerianum* (Nash) Gould

stramineum A.S. Hitchcock & Chase : Reported by Allred (1993), but no validating specimens have been located (Allred 2005); Zuloaga & Morrone (1996) do not include NM in their distribution.

Panicum hirticaule Presl var. *stramineum* (A.S. Hitchcock & Chase) Beetle
tennesseense Ashe = *Dichantherium acuminatum* (Swartz) Gould & Clark var. *acuminatum*
texanum Buckley = *Urochloa texana* (Buckley) R.D. Webster

virgatum Linnaeus [Allred 2005; M&H; W&S]

switchgrass

wilcoxianum Vasey = *Dichantherium wilcoxianum* (Vasey) Freckmann

Pappophorum pappusgrass

Chase, A. 1946. *Enneapogon desvauxii* and *Pappophorum wrightii*, an agrostological detective story. *Madroño* 8:187-189.

Reeder, J.R. & L.J. Toolin. 1989. Notes on *Pappophorum* (Gramineae: Pappophoreae). *Syst. Bot.* 14(3):349-358.

bicolor Fournier : Reported as expected by M&H; awaits verification.

mucronulatum of numerous North American authors = *Pappophorum vaginatum* Buckley

vaginatum Buckley [Allred 2005; M&H]

whiplash pappusgrass

Panicum mucronulatum of numerous North American authors

wrightii S. Watson = *Enneapogon desvauxii* Beauvois

Pascopyrum smithii (Rydberg) Löve = *Elymus smithii* (Rydberg) Gould

Paspalum paspalum

Allred, K.W. 1982. *Paspalum distichum* L. var. *indutum* Shinnars (Poaceae). *Great Basin Naturalist* 42:101-104.

Banks, D.J. 1966. Taxonomy of *Paspalum setaceum* (Gramineae). *Sida* 2:269-284.

Chase, A. 1929. The North American species of *Paspalum*. *Contr. U.S. Nat. Herb.* 28:1-310.

Committee on Nomenclature, IAPT. 1983. Report on Proposal 528, to reject the name *Paspalum distichum* L.: proposal rejected, the traditional usage of the name may be retained. *Taxon* 32(2):281.

Fosberg, F.R. 1977. *Paspalum distichum* again. *Taxon* 26:201-202.

Guedes, M. 1976. The case for *Paspalum distichum* and against futile name-changes. *Taxon* 25:512-513.

bushii Nash = *Paspalum setaceum* Michaux var. *stramineum* (Nash) Banks

ciliatifolium Michaux = *Paspalum setaceum* Michaux var. *ciliatifolium* (Michaux) Vasey

ciliatifolium Michaux var. *stramineum* (Nash) Fernald = *Paspalum setaceum* Michaux var. *stramineum* (Nash) Banks

***dilatatum** Poirlet [Allred 2005; M&H]

dallisgrass

distichum Linnaeus [Allred 1982, 1993; M&H; W&S]

knotgrass

Paspalum distichum var. *indutum* Shinnars

distichum var. *indutum* Shinnars = *Paspalum distichum* Linnaeus

setaceum Michaux var. **ciliatifolium** (Michaux) Vasey [Allred 2005; M&H; W&S]

fringeleaf paspalum

Paspalum ciliatifolium Michaux

setaceum Michaux var. **stramineum** (Nash) Banks [Allred 2005; M&H; W&S]

sand paspalum

Paspalum bushii Nash

Paspalum ciliatifolium Michaux var. *stramineum* (Nash) Fernald

Paspalum stramineum Nash

stramineum Nash = *Paspalum setaceum* Michaux var. *stramineum* (Nash) Banks

**vaginatum* Swartz (seashore paspalum) : Included by Allred (2005) only as an ornamental lawn grass and not known to escape.

Pennisetum millet

Wipff, J.K. & J.F. Veldkamp. 1999. *Pennisetum advena* sp. nov. (Poaceae: Paniceae): A common ornamental grass throughout the southern United States. *Sida* 18(4):1031-1036.

**advena* Wipff & Veldkamp (purple fountaingrass) : Cultivated as an ornamental landscape grass and not known to escape.

***ciliare** (Linnaeus) Link [Allred 2005]

buffelgrass

Cenchrus ciliaris Linnaeus

**setaceum* (Forsskål) Chiovenda (fountaingrass) : Included by Allred (2005) only as an ornamental landscape grass and not known to escape.

**villosum* R. Brown ex Fresenius (feathertop) : Cultivated as an ornamental landscape grass and not known to escape.

Phalaris canarygrass

Anderson, D.E. 1961. Taxonomy and distribution of the genus *Phalaris*. *Iowa State J. Sci.* 36:1-96.

Baldini, R.M. 1995. Revision of the genus *Phalaris* L. (Gramineae). *Webbia* 49(2):265-329.

***angusta** Nees ex Trinius [Allred 2005]

Timothy canarygrass

arundinacea Linnaeus [Allred 2005; M&H; W&S]

reed canarygrass

Phalaroides arundinacea (Linnaeus) Rauschert

***canariensis** Linnaeus [Allred 2005; M&H]

common canarygrass

caroliniana Walter [Allred 2005; M&H; W&S]

Carolina canarygrass

***minor** Retzius [Allred 2005]

lesser canarygrass
Phalaroides arundinacea (Linnaeus) Rauschert = *Phalaris arundinacea* Linnaeus

Phleum Timothy
 Joachimiak, A. & A. Kula. 1996. Karyosystematics of the *Phleum alpinum* polyploid complex. *Plant Syst. Evol.* 203:11-25.
alpinum Linnaeus [Allred 2005; M&H; W&S]
 alpine Timothy
Phleum commutatum Gaudin
Phleum alpinum Linnaeus subsp. *commutatum* (Gaudin) Richter
alpinum Linnaeus subsp. *commutatum* (Gaudin) Richter = *Phleum alpinum* Linnaeus
commutatum Gaudin = *Phleum alpinum* Linnaeus
 ***pratense** Linnaeus [Allred 2005; M&H; W&S]
 Timothy

Phragmites reed
 Clayton, W.D. 1968. The correct name for the common reed. *Taxon* 17:168-169.
 Fernald, M.L. 1932. *Phragmites communis* Trinius var. *berlandieri* (Fournier) comb. nov. *Rhodora* 34:211-212.
 Saltonstall, K., P.M. Peterson, & R.J. Soreng. 2004. Recognition of *Phragmites australis* subsp. *americanus* (Poaceae: Arundoideae) in North America: Evidence from morphological and genetic analyses. *Sida* 21(2):683-692.
australis (Cavanilles) Trinius ex Steudel subsp. **americanus** Saltonstall, Peterson & Soreng [Saltonstall et al. 2004]
 common reed
Phragmites communis Trinius p.p.
Phragmites phragmites (Linnaeus) Karsten p.p.
 ***australis** (Cavanilles) Trinius ex Steudel subsp. **australis** [Saltonstall et al. 2004]
 common reed
Phragmites communis Trinius p.p.
Phragmites phragmites (Linnaeus) Karsten p.p.
australis (Cavanilles) Trinius ex Steudel var. **berlandieri** (Fournier) Reed [Allred 2005; M&H; Saltonstall et al. 2004; W&S]
 common reed
Phragmites berlandieri Fournier
Phragmites communis Trinius p.p.
Phragmites phragmites (Linnaeus) Karsten p.p.
berlandieri Fournier = *Phragmites australis* (Cavanilles) Trinius ex Steudel var. *berlandieri* (Fournier) Reed
communis of NM authors = *Phragmites australis* (Cavanilles) Trinius ex Steudel
phragmites of NM authors = *Phragmites australis* (Cavanilles) Trinius ex Steudel
 **Phyllostachys aurea* Carr ex A. & C. Rivière (golden bamboo) : Included by Allred (2005) only as an ornamental and not known to escape.

Piptatherum ricegrass
 Hartman, R.L. 2003. General floristic survey of the Valles Caldera National Preserve, New Mexico. Report on Field Seasons 2001, 2002. Available from the author <rhartman@uwyo.edu>. [*Piptatherum pungens*]
 Hartman, R.L., B. Reif, B.E. Nelson, & B. Jacobs. 2006. New vascular plant records for New Mexico. *Sida* 22(2):1225-1233. [*Piptatherum pungens*]
micranthum (Trinius & Ruprecht) Barkworth [Allred 2005; M&H; W&S]
 littleseed ricegrass
Oryzopsis micrantha (Trinius & Ruprecht) Thurber
pungens (Torrey) Barkworth [Hartman 2003; Hartman et al. 2006]
 short-awn ricegrass
Oryzopsis pungens (Torrey) A.S. Hitchcock

Piptochaetium ricegrass
 Barkworth, M.E. 1993. North American Stipeae (Gramineae): Taxonomic changes and other comments. *Phytologia* 74(1):1-25.
fimbriatum (Kunth) Hitchcock [Allred 2005; M&H; W&S]
 piñon ricegrass
Oryzopsis fimbriata (Kunth) Hemsley
Stipa fimbriata Kunth
pringlei (Beal) Parodi [Allred 2005; M&H; W&S]
 Pringle's needlegrass
Stipa pringlei Beal

Pleuraphis galleta
 Columbus, J.T. 1993. *Pleuraphis* -- distinct from *Hilaria* (Gramineae: Chloridoideae). *Amer. J. Bot.* 80(suppl.):138-139.
 Sohns, E.R. 1956. The genus *Hilaria* (Gramineae). *J. Wash. Acad. Sci.* 46:311-321.
 Western Regional Technical Committee W-90. 1972. Galleta: taxonomy, ecology, and management of *Hilaria jamesii* on western rangelands. *Utah Agr. Exp. Sta. Bull.* 487. 38 p.
jamesii Torrey [Allred 2005; M&H; W&S]
 galleta
Hilaria jamesii (Torrey) Benth
mutica Buckley [Allred 2005; M&H; W&S]
 tobosa
Hilaria mutica (Buckley) Benth
 ***rigida** Thurber in S. Watson [Allred 2005]
 big galleta
Hilaria rigida (Thurber) Benth ex Scribner

Poa bluegrass

Arnou, L.A. 1981. *Poa secunda* Presl versus *P. sandbergii* Vasey (Poaceae). Syst. Bot. 6(4):412-421.
 Boivin, B. & D. Löve. 1960. *Poa agassizensis*, a new prairie bluegrass. Le Naturaliste Canadien 87:173-180.
 Kellogg, E. 1985. A biosystematic study of the *Poa secunda* complex. J. Arnold Arbor. 66:201-242.
 Kellogg, E.A. 1985. Variation and names in the *Poa secunda* complex. J. Range Management 38(6):516-521.
 Kellogg, E.A. 1987. Apomixis in the *Poa secunda* complex. Amer. J. Bot. 74(9):1431-1437.
 Marsh, V.L. 1952. A taxonomic revision of the genus *Poa* of United States and southern Canada. Amer. Midl. naturalist 47:202-250.
 Soreng, R.J. 1985. *Poa* L. in New Mexico, with a key to middle and southern Rocky Mountain species (Poaceae). Great Basin Naturalist 45:395-422.
 Soreng, R.J. 1991. Systematics of the "Epiles" group of *Poa* (Poaceae). Syst. Bot. 16(3):507-528.
 Soreng, R.J. 2001. New plant distribution records. The New Mexico Botanist 19:3. [*Poa pratensis alpigena*]
 Soreng, R.J. & F.R. Barrie. 1999. Proposal to conserve the name *Poa pratensis* (Gramineae) with a conserved type. Taxon 48(1):157-160.
 Soreng, R.J. & S.L. Hatch. 1983. A comparison of *Poa tracyi* and *Poa occidentalis* (Poaceae: Poaeae). Sida 10(2):123-141.
agassizensis Boivin & D. Löve = *Poa pratensis* Linnaeus subsp. *agassizensis* (Boivin & D. Löve) Taylor & MacBryd
albescens A.S. Hitchcock = *Poa fendleriana* (Steudel) Vasey subsp. *albescens* (A.S. Hitchcock) Soreng
alpigena Lindman = *Poa pratensis* Linnaeus subsp. *alpigena* (Lindman) Hiitonen
alpina Linnaeus [Allred 2005; M&H]
 alpine bluegrass
ampla Merrill = *Poa secunda* Presl subsp. *juncifolia* (Scribner) R.J. Soreng
****annua*** Linnaeus [Allred 2005; M&H; W&S]
 annual bluegrass
aperta Scribner & Merrill = *Poa arctica* R. Brown subsp. *aperta* (Scribner & Merrill) Soreng
****arachnifera*** Torrey [Allred 2005]
 Texas bluegrass
arctica R. Brown subsp. *aperta* (Scribner & Merrill) Soreng [Allred 2005; M&H; W&S]
 arctic bluegrass
Poa aperta Scribner & Merrill
Poa gracillima of NM authors
arctica R. Brown subsp. ***grayana*** (Vasey) A. & D. Löve & Kapoor [Allred 2005; W&S]
 Gray's bluegrass
Poa grayana Vasey
arida Vasey [Allred 2005; M&H; W&S]
 plains bluegrass
Poa glaucifolia Scribner & Williams
bigelovii Vasey & Scribner [Allred 2005; M&H; W&S]
 Bigelow's bluegrass
brevipaniculata Scribner & Will. = *Poa fendleriana* (Steudel) Vasey subsp. *fendleriana*
****bulbosa*** Linnaeus [Allred 2005; M&H]
 bulbous bluegrass
Poa bulbosa Linnaeus var. *vivipara* Koeler
bulbosa Linnaeus var. *vivipara* Koeler = *Poa bulbosa* Linnaeus
canbyi (Scribner) Piper = *Poa secunda* Presl subsp. *secunda*
****compressa*** Linnaeus [Allred 2005; M&H; W&S]
 Canada bluegrass
distans Jacquin = *Puccinellia distans* (Jacquin) Parlato
fendleriana (Steudel) Vasey subsp. ***albescens*** (A.S. Hitchcock) Soreng [Allred 2005]
 Mexican muttongrass
Poa albescens A.S. Hitchcock
fendleriana (Steudel) Vasey subsp. ***fendleriana*** [Allred 2005; M&H; W&S]
 Fendler muttongrass
Eragrostis fendlerianus Steudel
Poa brevipaniculata Scribner & Williams
Poa longepedunculata Scribner
fendleriana (Steudel) Vasey subsp. ***longiligula*** (Scribner & T.A. Williams) Soreng [Allred 2005; M&H; W&S]
 longtongue muttongrass
Poa longiligula Scribner & Williams
glauca Vahl subsp. ***glauca*** [Allred 2005; M&H]
 Greenland bluegrass
glauca Vahl subsp. ***rupicola*** (Nash ex Rydberg) W.A. Weber [Allred 2005; M&H]
 timberline bluegrass
Poa rupicola Nash
glaucifolia Scribner & Williams = *Poa arida* Vasey
gracillima of NM authors = *Poa arctica* R. Brown var. *aperta* (Scribner & Merrill) Soreng
grayana Vasey = *Poa arctica* R. Brown subsp. *grayana* (Vasey) A. & D. Löve & Kapoor
kingii S. Watson = *Leucopoa kingii* (S. Watson) W.A. Weber
interior Rydberg [Allred 2005; M&H; W&S]
 inland bluegrass
Poa nemoralis Linnaeus subsp. *interior* (Rydberg) W.A. Weber
juncifolia Scribner = *Poa secunda* Presl subsp. *juncifolia* (Scribner) R.J. Soreng
laevigata Scribner = *Poa secunda* Presl subsp. *secunda*

leptocoma Trinius [Allred 2005; M&H]

bog bluegrass

longiligula Scribner & Williams = *Poa fendleriana* (Steudel) Vasey var. *longiligula* (Scribner & Williams) Soreng

longepedunculata Scribner = *Poa fendleriana* (Steudel) Vasey var. *fendleriana*

lucida Vasey = *Poa secunda* Presl subsp. *secunda*

kingii S. Watson = *Leucopoa kingii* (S. Watson) W.A. Weber

nemorialis Linnaeus subsp. *interior* (Rydberg) W.A. Weber = *Poa interior* Rydberg

nervosa (Hooker) Vasey var. *wheeleri* (Vasey) C.L. Hitchcock = *Poa wheeleri* Vasey

nevadensis Vasey ex Scribner = *Poa secunda* Presl subsp. *juncifolia* (Scribner) R.J. Soreng

nuttalliana Schultes = *Puccinellia nuttalliana* (Schultes) A.S. Hitchcock

occidentalis Vasey [Allred 2005; M&H; W&S]

New Mexico bluegrass

palustris Linnaeus [Allred 2005; M&H]

fowl bluegrass

pattersonii Vasey : Reported as expected by M&H; awaits verification.

pratensis Linnaeus subsp. **agassizensis** (Boivin & D. Löve) Taylor & MacBryde [Allred 2005]

Kentucky bluegrass, Lake Agassiz bluegrass

Poa agassizensis Boivin & D. Löve

pratensis Linnaeus subsp. **alpigena** (Lindman) Hiitonen [Soreng 2001]

Kentucky bluegrass

Poa alpigena Lindman

***pratensis** Linnaeus subsp. **pratensis** [Allred 2005; M&H; W&S]

Kentucky bluegrass

reflexa Vasey & Scribner ex Vasey [Allred 2005; M&H; W&S]

nodding bluegrass

rupicola Nash = *Poa glauca* Vahl. subsp. *rupicola* (Nash) W.A. Weber

sandbergii Vasey = *Poa secunda* Presl subsp. *secunda*

scabrella (Thurber) Vasey = *Poa secunda* Presl subsp. *secunda*

secunda Presl subsp. **juncifolia** (Scribner) R.J. Soreng

alkali bluegrass

Poa ampla Merrill

Poa juncifolia Scribner

Poa nevadensis Vasey ex Scribner

secunda Presl subsp. **secunda** [Allred 2005; M&H; W&S]

Sandberg's bluegrass

Poa canbyi (Scribner) Piper

Poa laevigata Scribner

Poa lucida Vasey

Poa sandbergii Vasey

Poa scabrella (Thurber) Vasey

stenantha Trinius : Reported by M&H, but no validating specimens located; most likely refers to *Poa leptocoma* Trinius (Allred 2005).

tracyi Vasey [Allred 2005; M&H; W&S]

Tracy's bluegrass

***trivialis** Linnaeus [Allred 2005]

rough bluegrass

wheeleri Vasey [Allred 2005; M&H]

Wheeler's bluegrass

Poa nervosa (Hooker) Vasey var. *wheeleri* (Vasey) C.L. Hitchcock

Podagrostis humilis (Vasey) Bjorkman = *Agostis humilis* Vasey

thurberiana (A.S. Hitchcock) Hulten = *Agostis humilis* Vasey

Polypogon polypogon

Barkworth, M. 2004. Plant distribution reports. The New Mexico Botanist 31:1. [*Polypogon maritimus*]

Bjorkman, S.O. 1960. Studies in *Agrostis* and related genera. Symb. Bot. Upsal. 17:1-112.

***interruptus** Kunth [Allred 2005; M&H; W&S]

ditch polypogon

×*Agropogon littoralis* (Small) C.E. Hubbard

Polypogon littoralis Small

littoralis Small = *Polypogon interruptus* Kunth

***maritimus** Willdenow [Barkworth 2004]

southern polypogon

***monspeliensis** (Linnaeus) Desfontaines [Allred 2005; M&H; W&S]

rabbitfootgrass

***viridis** (Gouan) Breistroffer [Allred 2005; M&H]

water polypogon

Agrostis semiverticillata (Forsskål) Christensen

Agrostis viridis Gouan

- Polypogon semiverticillata* (Forsskål) Hylander
semiverticillata (Forsskål) Hylander = *Polypogon viridis* (Gouan) Breistroffer
- Psathyrostachys*** wildrye
 Baden, C. 1990. A taxonomic revision of *Psathyrostachys* (Poaceae). Nord. J. Bot. 11:3-26.
 Dewey, D.R. & C. Hsiao. 1983. A cytogenetic basis for transferring russian wildrye from *Elymus* to *Psathyrostachys*. Crop Sci. 23:123-126.
 ****juncea*** (Fischer) Nevski [Allred 2005]
 Russian wildrye
Elymus junceus Fischer
- Pseudoroegneria arizonica* (Scribner & Smith) Löve
spicata (Pursh) A. Löve = *Elymus spicatus* (Pursh) Gould
- Puccinellia*** alkaligrass
 Church, G.L. 1949. A cytotaxonomic study of *Glyceria* and *Puccinellia*. Amer. J. Bot. 36:155-156.
 Davis, J.I. 1983. Phenotypic plasticity and the selection of taxonomic characters in *Puccinellia* (Poaceae). Syst. Bot. 8:341-353.
 Sivinski, R. 1995. Parish's alkali grass (*Puccinellia parishii*). Section 6, Progress Report, U.S. Fish Wildlife Service.
airoides (Nuttall) S. Watson & Coulter = *Puccinellia nuttalliana* (Schultes) A.S. Hitchcock
 ****distans*** (Jacquin) Parlato [Allred 2005; M&H]
 weeping alkaligrass
Poa distans Jacquin
nuttalliana (Schultes) A.S. Hitchcock [Allred 2005; M&H; W&S]
 Nuttall alkaligrass
Poa nuttalliana Schultes
Puccinellia airoides (Nuttall) S. Watson & Coulter
parishii A.S. Hitchcock [Allred 2005; M&H]
 Parish's alkaligrass
pauciflora (J. Presl) Munz = *Torreyochloa pallida* (Torrey) Church var. *pauciflora* (J. Presl) J.I. Davis
- Redfieldia*** blowout-grass
 Reeder, J.R. 1976. Systematic position of *Redfieldia* (Gramineae). Madroño 23:434-438.
flexuosa (Thurber) Vasey [Allred 2005; M&H]
 blowout-grass
Graphophorum flexuosum Thurber
- Rhynchelytrum repens* (Willdenow) C.E. Hubbard = *Melinis repens* (Willdenow) Zizka
roseum (Nees) Bews = *Melinis repens* (Willdenow) Zizka
- Saccharum*** sugar cane
 Peterson, R.S. 2000. New plant distribution records. The New Mexico Botanist 15:7. [*Saccharum ravennae*]
 ****ravennae*** (Linnaeus) Linnaeus [Peterson 2000]
 Ravenna grass
Andropogon ravennae Linnaeus
Erianthus ravennae (Linnaeus) Beauvois
- Savastana odorata* (Linnaeus) Scribner = *Hierochloa odorata* (Linnaeus) Beauvois
- Schedonnardus*** tumblegrass
paniculatus (Nuttall) Trelease [Allred 2005; M&H; W&S]
 tumblegrass
Lepturus paniculatus Nuttall
- Schedonorus arundinaceus* (Schreber) Dumortier = *Festuca arundinacea* Schreber
pratensis (Hudson) P. Beauvois = *Festuca pratensis* Hudson
phoenix (Scopoli) Holub = *Festuca arundinacea* Schreber
- Schismus*** Mediterraneangrass
 Conert, H.J. & A.M. Turpe. 1974. Revision der Gattung *Schismus* (Poaceae: Arundinoideae: Danthoneiae). Abh. Senckenberg. Naturf. Ges. 532:1-81.
 Hatch, S.L. 1977. New grass distribution records for New Mexico and the United States. Great Basin Naturalist 37(4):530-531. [*Schismus arabicus*]
 ****arabicus*** Nees [Allred 2005; Hatch 1977]
 Arabian Mediterraneangrass
 ****barbatus*** (Loefling ex Linnaeus) Thellung [Allred 2005; M&H]
 bearded Mediterraneangrass
- Schizachne*** false-melic
 Swallen, J.R. 1928. The grass genus *Schizachne*. J. Wash. Acad. Sci. 18:203-206.
purpurascens (Torrey) Swallen [Allred 2005; M&H; W&S]
 false melic
Avena striata Michaux
- Schizachyrium*** bluestem
 Camus, A. 1923. Note sur le genre "*Schizachyrium*" (Gramineae). Ann. Soc. Linn. Lyon 70:87-91.
 Gould, F.W. 1967. The grass genus *Andropogon* in the United States. Brittonia 19:70-76.
 Hatch, S.L. 1978. Nomenclatural changes in *Schizachyrium* (Poaceae). Brittonia 30:496.
 Hatch, S.L. 1984. A new combination in the Poaceae. Sida 10(4):321.
cirratum (Hackel) Wootton & Standley [Allred 2005; W&S]
 Texas bluestem
Andropogon cirratus Hackel
neomexicanum Nash [Allred 2005; W&S]
 New Mexico bluestem

- Andropogon scoparius* Michaux var. *neomexicanus* (Nash) Hitchcock
sanguineum (Retzius) Alston var. **hirtiflorum** (Nees) Hatch [Allred 2005]
 Santa Fe bluestem
Andropogon feensis Fournier
Andropogon hirtiflorus (Nees) Kunth var. *feensis* (Fournier) Hackel
scoparium (Michaux) Nash var. *frequens* (C.E. Hubbard) Gould = *Schizachyrium scoparium* (Michaux) Nash
scoparium (Michaux) Nash var. **scoparium** [Allred 2005; W&S]
 little bluestem
Andropogon scoparius Michaux var. *scoparius*
Andropogon scoparius Michaux var. *frequens* C.E. Hubbard
Schizachyrium scoparium (Michaux) Nash var. *frequens* (C.E. Hubbard) Gould
- Sclerochloa** hardgrass
 Brandenburg, D.M., J.R. Estes, & J.W. Thieret. 1991. Hard grass (*Sclerochloa dura*, Poaceae) in the United States. Sida 14(3):369-376.
***dura** (Linnaeus) Beauvois [Allred 2005]
 hardgrass
- Scleropoa rigida* (Linnaeus) Grisebach = *Catapodium rigidum* (Linnaeus) C.E. Hubbard ex Dony
- Scleropogon** burrograss
 Beetle, A.A. 1981. Noteworthy grasses from Mexico. Phytologia 49(1):33-43. [*Scleropogon longisetus*]
 Peterson, P.M. & J.T. Columbus. 1997. Allelic variation in the amphitropical disjunct *Scleropogon brevifolius* (Poaceae: Eragrostideae). BioLlania Esp. No. 6:473-490.
 Reeder, J.R. & J. Toolin. 1987. *Scleropogon* (Gramineae), a monotypic genus with disjunct distribution. Phytologia 62:267-275.
brevifolius Philippi [Allred 2005; M&H; W&S]
 burrograss
Festuca macrostachya Torrey & Gray
Scleropogon longisetus Beetle
longisetus Beetle = *Scleropogon brevifolius* Philippi
- Secale** rye
 Allred, K.W. 2002. Rye, wheat, triticale, and barley. The New Mexico Botanist 22:5-6.
 Baum, B.R. & P.K. Gupta. 1990. Taxonomic examination of Triticale (X *Triticosecale*). Can. J. Bot. 68:1889-1893.
 Bowden, W.M. 1962. Cytotaxonomy of the native and adventive species of *Hordeum*, *Eremopyrum*, *Secale*, *Sitanion*, and *Triticum* in Canada. Can. J. Bot. 40:1675-1711.
 Frederiksen, S. and G. Petersen. 1998. A taxonomic revision of *Secale* L. (Triticeae, Poaceae). Nordic J. Bot. 18:399-420.
***cereale** Linnaeus [Allred 2005; M&H]
 rye
- Sesleria dactyloides* Nuttall = *Buchloë dactyloides* (Nuttall) Engelm
- Setaria** bristlegrass
 Emery, W.H.P. 1957. A cytogenetic study of *Setaria macrostachya* (Gramineae) and its relatives in the southwestern United States and Mexico. Bull. Torrey Bot. Club 84:94-105.
 Fairbrothers, D.E. 1959. Morphological variation of *Setaria faberi* and *S. viridis*. Brittonia 11:44-48.
 Fox, W.E. III & S.L. Hatch. 1999. New combinations in *Setaria* (Poaceae: Paniceae). Sida 18(4):1037-1047.
 Hatch, S.L. 1977. New grass distribution records for New Mexico and the United States. Great Basin Naturalist 37(4):530-531. [*Setaria adhaerens*, *S. reverchonii* subsp. *ramiseta*]
 Kerguelen, M. 1977. Notes agrostologiques, II. Bull. Soc. Bot. Fr. 124:337-349. [*Setaria parviflora*]
 Rominger, J.M. 1962. Taxonomy of *Setaria* (Gramineae) in North America. Illinois Biol. Monogr. 29:1-132.
 Toolin, L. & J.R. Reeder. 2000. The status of *Setaria macrostachya* and its relationship to *S. vulpiseta* (Gramineae). Syst. Bot. 25(1):26-32.
 Webster, R.D. 1993. Nomenclature of *Setaria* (Poaceae: Paniceae). Sida 15(3):447-490.
***adhaerens** (Forsskål) Chiovenda [Allred 2005; Hatch 1977]
 clinging bristlegrass
geniculata (Lamarck) Beauvois = *Setaria parviflora* (Poiret) Kerguelen
glauca (Linnaeus) Beauvois = *Setaria pumila* (Poiret) Roemer & Schultes
grisebachii Fournier [Allred 2005; M&H; W&S]
 Grisebach's bristlegrass
Chaetochloa grisebachii ampla Scribner & Merrill
***italica** (Linnaeus) Beauvois [Allred 2005; M&H]
 foxtail millet
Chaetochloa italica (Linnaeus) Scribner
- leucopila** (Scribner & Merrill) K. Schumann [Allred 2005]
 plains bristlegrass
Setaria macrostachya of most U.S. authors
lutescens (Weigel) F.T. Hubbard = *Setaria pumila* (Poiret) Roemer & Schultes
macrostachya Kunth [Allred 2005; M&H; W&S]
 plains bristlegrass
Chaetochloa composita (Kunth) Scribner
macrostachya of most U.S. authors = *Setaria leucopila* (Scribner & Merrill) K. Schumann
***magna** Grisebach [Allred 2005]
 giant foxtail
parviflora (Poiret) Kerguelen [Allred 2005; M&H]
 knotroot bristlegrass
Setaria geniculata (Lamarck) Beauvois

- *pumila** (Poiret) Roemer & Schultes [Allred 2005; M&H; W&S]
yellow bristlegrass
Chaetochloa glauca (Linnaeus) Scribner
Panicum pumilum Poiret
Setaria glauca auctores
Setaria lutescens (Weigel) F. T. Hubbard
ramiseta (Scribner) Pilger = *Setaria reverchonii* (Vasey) Pilger subsp. *ramiseta* (Scribner) W.E. Fox
reverchonii (Vasey) Pilger subsp. **ramiseta** (Scribner) W.E. Fox [Allred 2005; Hatch 1977]
Reverchon's bristlegrass
Panicum ramisetum Scribner
Setaria ramiseta (Scribner) Pilger
scheelei (Steudel) Hitchcock : Reported by M&H, and thence by FNA, but no validating specimens have ever been located.
***verticillata** (Linnaeus) Beauvois [Allred 2005; M&H]
hooked bristlegrass
villosissima (Scribner & Merrill) K. Schumann : Reported as expected by M&H; awaits verification.
***viridis** (Linnaeus) Beauvois [Allred 2005; M&H; W&S]
green bristlegrass
Chaetochloa viridis (Linnaeus) Scribner
vulpiseta (Lamarck) Roemer & J.A. Schultes : Some have expanded this South American taxon to include our North American *Setaria macrostachya* Kunth; we maintain the two entities in a more strict sense, with the latter in NM.
Sitanion brevifolium J.G. Smith = *Elymus longifolius* (Smith) Gould
caespitosum J.G. Smith = *Elymus longifolius* (Smith) Gould
californicum J.G. Smith = *Elymus elymoides* (Rafinesque) Swezey
hystrix (Nuttall) J.S. Smith = *Elymus elymoides* (Rafinesque) Swezey and *Elymus longifolius* (Smith) Gould
longifolium J.G. Smith = *Elymus longifolius* (Smith) Gould
molle J.G. Smith = *Elymus longifolius* (Smith) Gould
pubiflorum J.G. Smith = *Elymus longifolius* (Smith) Gould
rigidum sensu W&S = *Elymus longifolius* (Smith) Gould
Sorghastrum Indiangrass
Davila A., P. 1990. Anatomia foliar de las especies de *Sorghastrum* Nash (Poaceae: Andropogoneae). An. Inst. Biol. Univ. Nac. Auton. Mexico, Bot. 60:59-84.
Veldkamp, J.F. 1984. The identity of *Andropogon nutans* Linnaeus (Gramineae). Taxon 33:95-97.
nutans (Linnaeus) Nash [Allred 2005; M&H; W&S]
Indiangrass
Sorghum sorghum
DeWet, J.M.J. 1978. Systematics and evolution of *Sorghum* sect. *Sorghum* (Gramineae). Amer. J. Bot. 65:477-484.
Doggett, H. 1970. *Sorghum*. Longmans, London. 403 pp.
***bicolor** (Linnaeus) Moench subsp. **bicolor** [Allred 2005; M&H]
sorghum, milo
Sorghum vulgare Persoon
***bicolor** (Linnaeus) Moench subsp. **drummondii** (Nees ex Steudel) deWet [Allred 2005]
Sudan grass
Sorghum sudanense (Piper) Stapf
***halepense** (Linnaeus) Persoon [Allred 2005; M&H; W&S]
Johnsongrass
Holcus halepensis Linnaeus
sudanense (Piper) Stapf = *Sorghum bicolor* (Linnaeus) Moench subsp. *drummondii* (Nees ex Steudel) deWet
vulgare Persoon = *Sorghum bicolor* (Linnaeus) Moench subsp. *bicolor*
Spartina cordgrass
Mobberley, D.G. 1956. Taxonomy and distribution of the genus *Spartina*. Iowa State Coll. J. Sci. 30:471-574.
gracilis Trinius [Allred 2005; M&H]
alkali cordgrass
pectinata Bosc ex Link [Allred 2005]
prairie cordgrass
Sphenopholis wedgescale
Erdman, K.S. 1965. Taxonomy of the genus *Sphenopholis* (Gramineae). Iowa State J. Sci. 39:289-336.
intermedia (Rydberg) Rydberg [Allred 2005; M&H; W&S]
slender wedgescale
Sphenopholis obtusata (Michaux) Scribner var. *major* (Torrey) Erdman
Sphenopholis pallens sensu W&S
Sphenopholis pennsylvanica sensu W&S
obtusata (Michaux) Scribner [Allred 2005; M&H; W&S]
prairie wedgescale
Sphenopholis robusta (Vasey) Heller
obtusata (Michaux) Scribner var. *major* (Torrey) Erdman = *Sphenopholis intermedia* (Rydberg) Rydberg
pallens sensu W&S = *Sphenopholis intermedia* (Rydberg) Rydberg
pennsylvanica sensu W&S = *Sphenopholis intermedia* (Rydberg) Rydberg
robusta (Vasey) Heller = *Sphenopholis obtusata* (Michaux) Scribner

Sporobolus dropseed

Jones, E.K. & N.C. Fassett. 1950. Subspecific variation in *Sporobolus cryptandrus*. Rhodora 52:125-126.

Kartesz, J.T. & K.N. Gandhi. 1995. Nomenclatural notes for the North American flora. XIV. Phytologia 78(1):1-17.

Riggins, R. 1977. A biosystematic study of the *Sporobolus asper* complex (Gramineae). Iowa State J. Res. 51:287-321.

airoides (Torrey) Torrey [Allred 2005; M&H; W&S]

alkali sacaton

Agrostis airoides Torrey

airoides (Torrey) Torrey var. *wrightii* (Scribner) Gould = *Sporobolus wrightii* Munro ex Scribner

asper (Beauvois) Kunth = *Sporobolus compositus* (Poiret) Merrill

asperifolius (Nees & Meyer ex Trinius) Thurber = *Muhlenbergia asperifolia* (Nees & Meyer ex Trinius) Parodi

auriculatus Vasey = *Muhlenbergia arenacea* (Buckley) A.S. Hitchcock

compositus (Poiret) Merrill [Allred 2005; M&H; W&S]

tall dropseed

Agrostis composita Poiret

Sporobolus asper (Beauvois) Kunth

confusus auct. = *Muhlenbergia minutissima* (Steudel) Swallen

contractus A.S. Hitchcock [Allred 2005; M&H; W&S]

spike dropseed

Sporobolus strictus Merrill

coromandelianus (Retzius) Kunth : This name is being applied to *Sporobolus pyramidatus* (Lamarck) A.S. Hitchcock by some authors;

awaits verification of nomenclatural status.

cryptandrus (Torrey) Gray [Allred 2005; M&H; W&S]

sand dropseed

Agrostis cryptandra Torrey

flexuosus (Thurber ex Vasey) Rydberg [Allred 2005; M&H; W&S]

mesa dropseed

Vilfa cryptandra (Torrey) Torrey ex Trinius var. *flexuosa* Thurber ex Vasey

giganteus Nash [Allred 2005; M&H; W&S]

giant dropseed

heterolepis (A. Gray) A. Gray [Allred 2005]

prairie dropseed

nealleyi Vasey [Allred 2005; M&H; W&S]

gypgrass

***neglectus** Nash [Allred 2005; M&H]

puffsheath dropseed

pulvinatus Swallen = *Sporobolus pyramidatus* (Lamarck) A.S. Hitchcock

pyramidatus (Lamarck) A.S. Hitchcock [Allred 2005; M&H]

whorled dropseed

Agrostis pyramidata Lamarck

Sporobolus pulvinatus Swallen

strictus Merrill = *Sporobolus contractus* A.S. Hitchcock

texanus Vasey [Allred 2005; M&H; W&S]

Texas dropseed

***vaginiflorus** (Torrey ex Gray) Wood [Allred 2005; M&H]

poverty dropseed

wrightii Munro ex Scribner [Allred 2005; M&H; W&S]

giant sacaton

Sporobolus airoides (Torrey) Torrey var. *wrightii* (Scribner) Gould

**Stenotaphrum secundatum* (Walter) Kuntze (St. Augustinegrass) : Included by Allred (2005) only as an ornamental lawn grass and not known to escape.

Steinchisma hians (Elliott) Nash = *Panicum hians* Elliott

Stipa arida Jones = *Achnatherum aridum* (Jones) Barkworth

bloomeri Bolander = *Achnatherum* ×*bloomeri* (Bolander) Barkworth

columbiana of NM authors = *Achnatherum perplexum* Hoge & Barkworth

comata Trinius & Ruprecht s.s. = *Hesperostipa comata* (Trinius & Ruprecht) Barkworth subsp. *comata*

comata Trinius & Ruprecht var. *intermedia* Scribner & Tweedy = *Hesperostipa comata* (Trinius & Ruprecht) Barkworth subsp. *intermedia* (Scribner & Tweedy) Barkworth

curvifolia Swallen = *Achnatherum curvifolium* (Swallen) Barkworth

eminens Cavanilles = *Achnatherum eminens* (Cavanilles) Barkworth

fimbriata Kunth = *Piptochaetium fimbriatum* (Kunth) Hitchcock

hymenoides Roemer & Schultes = *Achnatherum hymenoides* (Roemer & Schultes) Barkworth

lettermanii Vasey = *Achnatherum lettermanii* (Swallen) Barkworth

lobata Swallen = *Achnatherum lobatum* (Swallen) Barkworth

minor sensu NM authors = *Achnatherum perplexum* Hoge & Barkworth

mormonum Mez = *Achnatherum aridum* (Jones) Barkworth

nelsonii Scribner subsp. *dorei* Barkworth & Maze sensu stricto : Reported by Allred (1993), but not occurring in NM; replaced in NM by *Achnatherum perplexum* Hoge & Barkworth.

neomexicana (Thurber ex Coulter) Scribner = *Hesperostipa neomexicana* (Thurber) Barkworth
perplexa (Hoge & Barkworth) J. Wipff & S.D. Jones = *Achnatherum perplexum* Hoge & Barkworth
pringlei Beal = *Piptochaetium pringlei* (Beal) Parodi
robusta (Vasey) Scribner = *Achnatherum robustum* (Vasey) Barkworth
scribneri Vasey = *Achnatherum scribneri* (Vasey) Barkworth
spartea Trinius = *Hesperostipa spartea* (Trinius) Barkworth
speciosa Trinius & Ruprecht = *Jarava speciosa* (Trinius & Ruprecht) Peñailillo
tenuissima Trinius = *Nassella tenuissima* (Trinius) Barkworth
tweedyi Scribner = *Hesperostipa comata* (Trinius & Ruprecht) Barkworth subsp. *intermedia* (Scribner & Tweedy) Barkworth
vaseyi Scribner = *Achnatherum robustum* (Vasey) Barkworth
viridula Trinius = *Nassella viridula* (Trinius) Barkworth
×*Stiporyzopsis bloomeri* (Bolander) B.L. Johnson = *Achnatherum ×bloomeri* (Bolander) Barkworth
Syntherisma sanguinale (Linnaeus) Dulac = *Digitaria sanguinalis* (Linnaeus) Scopoli
Thinopyron elongatum (Host) Barkworth & Dewey
intermedium (Host) Barkworth & Dewey = *Elymus hispidus* (Opiz) Melderis
ponticum (Podpěra) Barkworth & Dewey = *Elymus elongatus* (Host) Runemark

Torreyochloa mannagrass
Church, G.L. 1952. The genus *Torreyochloa*. *Rhodora* 54:197-200.
Clausen, R.T. 1952. Suggestion for the assignment of *Torreyochloa* to *Puccinellia*. *Rhodora* 54:42-45.
Davis, J.I. 1991. A note on North American *Torreyochloa* (Poaceae) including a new combination. *Phytologia* 70:361-365.
pallida (Torrey) Church var. *pauciflora* (J.S. Presl) J.I. Davis [Allred 2005; M&H]
weak mannagrass
Glyceria pauciflora Presl
Puccinellia pauciflora (J. Presl) Munz
Torreyochloa pauciflora (Presl) Church
pauciflora (Presl) Church = *Torreyochloa pallida* (Torrey) Church var. *pauciflora* (J.S. Presl) J.I. Davis

Trachypogon crinkle-awn
montufari sensu W&S = *Trachypogon secundus* (Presl) Scribner
secundus (Presl) Scribner [Allred 2005; M&H; W&S]
crinkle-awn
Trachypogon montufari sensu W&S

Tragus burgrass
Anton, A.M. 1981. The genus *Tragus* (Gramineae). *Kew Bull.* 36(1):55-61.
Reeder, J.R. & C. Reeder. 1978. *Tragus racemosus* in Arizona. *Madroño* 25:107-108.
**berteronianus* Schultes [Allred 2005; M&H; W&S]
spike burgrass
Nazia aliena of authors
racemosus (Linnaeus) Allioni : Reported by M&H, Hitchcock & Chase (1951), and Campbell & Little (1935), but no validating specimens
have been located in any of the state's herbaria or at US.

Trichachne californica (Bentham) Chase = *Digitaria californica* (Bentham) Henrard

Trichloris false-rhodesgrass
crinita (Lagasca) Parodi [Allred 2005; M&H; W&S]
false rhodesgrass
Chloris crinita Lagasca
Trichloris fasciculata Fournier
fasciculata Fournier = *Trichloris crinita* Lagasca

Tricuspis mutica Torrey = *Tridens muticus* (Torrey) Nash

Tridens tridens
Tateoka, T. 1961. A biosystematic study of *Tridens* (Gramineae). *Amer. J. Bot.* 48:565-573.
Valdés-R. & S.L. Hatch. 1997. A revision of *Erioneuron* and *Dasyochloa* (Poaceae: Eragrostideae). *Sida* 17(4):645-666.
albescens (Vasey) Wooton & Standley [Allred 2005; M&H]
white tridens
Triodia albescens Vasey
avenaceus (Kunth) Hitchcock = *Erioneuron avenaceum* (Kunth) Tateoka
elongatus (Buckley) Nash = *Tridens muticus* (Torrey) Nash var. *elongatus* (Buckley) Shinnars
**eragrostoides* (Vasey & Scribner) Nash [Allred 2005]
lovegrass tridens
**flavus* (Linnaeus) A.S. Hitchcock [Allred 2005; M&H]
purpletop
grandiflorus (Vasey) Wooton & Standley = *Erioneuron avenaceum* (Kunth) Tateoka
muticus (Torrey) Nash var. *elongatus* (Buckley) Shinnars [Allred 2005; M&H]
rough tridens
Tridens elongatus (Buckley) Nash
Triodia elongata (Buckley) Scribner
Uralepis elongata Buckley
muticus (Torrey) Nash var. *muticus* [Allred 2005; M&H]
slim tridens
Tricuspis mutica Torrey

- Triodia mutica* (Torrey) Scribner
nealleyi (Vasey) Wootton & Standley = *Erioneuron nealleyi* (Vasey) Gould
pilosus (Buckley) Hitchcock = *Erioneuron pilosum* (Buckley) Nash
pulchellus (Kunth) Hitchcock = *Dasyochloa pulchella* (Kunth) Willdenow ex Rydberg
Triodia albescens Vasey = *Tridens albescens* (Vasey) Wootton & Standley
elongata (Buckley) Scribner = *Tridens muticus* (Torrey) Nash var. *elongatus* (Buckley) Shinnery
grandiflora Vasey = *Erioneuron avenaceum* (Kunth) Tateoka
mutica Torrey = *Tridens muticus* (Torrey) Nash var. *muticus*
pilosa (Buckley) Merrill = *Erioneuron pilosum* (Buckley) Nash
pulchella Kunth = *Dasyochloa pulchella* (Kunth) Willdenow ex Rydberg
- Triplasis** sandgrass
Hatch, S.L. 1977. New grass distribution records for New Mexico and the United States. *Great Basin Naturalist* 37(4):530-531. [*Triplasis purpurea*]
purpurea (Walter) Chapman [Allred 2005; Hatch 1977; M&H]
purple sandgrass
- Tripsacum** gamagrass
DeWet, J.M.J., D.E. Brink, & C.E. Cohen. 1983. Systematics of *Tripsacum* section *Fasciculata* (Gramineae). *Amer. J. Bot.* 70:1139-1146.
DeWet, J.M.J., J.R. Gray, & J.R. Harlan. 1976. Systematics of *Tripsacum* (Gramineae). *Phytologia* 33(3):203-227.
lanceolatum Ruprecht ex Fournier [Allred 2005; M&H; W&S]
Mexican gamagrass
- Trisetum** trisetum
Finot, V.L., P.M. Peterson, R.J. Soreng, & F.O. Zuloaga. 2005. A revision of *Trisetum* and *Grappophorum* (Poaceae: Pooideae: Aveninae) in North America north of Mexico. *Sida* 21(3):1419-1453.
Hultén, E. 1959. The *Trisetum spicatum* complex. *Sv. Bot. Tidskr.* 53:203-228.
Randall, J.L. & K.W. Hilu. 1986. Biosystematic studies of North American *Trisetum spicatum* (Poaceae). *Syst. Bot.* 11:567-578.
Rumely, J.H. 2007. *Trisetum*, p. 744-753. IN: *Flora of North America*, vol. 24. Oxford University Press.
canescens Buckley : Reported by Rumely (2007) for Colfax County, but no NM specimens seen; awaits verification.
flavescens (Linnaeus) Beauvois : Reported as expected by M&H; awaits verification.
interruptum Buckley [Allred 2005; M&H; W&S]
prairie trisetum
montanum Vasey [Allred 2005; M&H; W&S]
Rocky Mountain trisetum
Trisetum spicatum (Linnaeus) Richter subsp. *montanum* (Vasey) Weber
spicatum (Linnaeus) Richter [Allred 2005; M&H; W&S]
spike trisetum, spike oats
Aira spicata Linnaeus
spicatum (Linnaeus) Richter subsp. *montanum* (Vasey) Weber = *Trisetum montanum* Vasey
subspicatum (Linnaeus) Beauvois var. *muticum* Bolander = *Trisetum wolfii* Vasey
wolfii Vasey [Allred 2005; M&H]
Wolf's trisetum
Grappophorum wolfii (Vasey) Vasey ex Coulter
Trisetum subspicatum (Linnaeus) Beauvois var. *muticum* Bolander
- ×**Triticosecale** triticale
Allred, K.W. 2002. Rye, wheat, triticale, and barley. *The New Mexico Botanist* 22:5-6.
Baum, B.R. & P.K. Gupta. 1990. Taxonomic examination of Triticale (×*Triticosecale*). *Can. J. Bot.* 68:1889-1893.
The name ×*Triticosecale* refers to artificial hybrids between *Triticum* and *Secale*. There is no valid specific epithet. A rather common, though non-persistent, waif of agriculture.
- Triticum** wheat
Allred, K.W. 2002. Rye, wheat, triticale, and barley. *The New Mexico Botanist* 22:5-6.
Baum, B.R. & P.K. Gupta. 1990. Taxonomic examination of Triticale (×*Triticosecale*). *Can. J. Bot.* 68:1889-1893.
Briggle, L.W. & L.P. Reitz. 1963. Classification of *Triticum* species and of wheat varieties grown in the United States. *USDA Tech. Bull.* 1278. 135 pp.
Bowden, W.M. 1962. Cytotaxonomy of the native and adventive species of *Hordeum*, *Eremopyrum*, *Secale*, *Sitanion*, and *Triticum* in Canada. *Can. J. Bot.* 40:1675-1711.
Gupta, P.K. & B.R. Baum. 1986. Nomenclature and related taxonomic issues in wheats, triticales and some of their wild relatives. *Taxon* 35(1):144-149.
**aestivum* Linnaeus [Allred 2005; M&H]
wheat
cylindricum (Host) Cesati = *Aegilops cylindrica* Host
elongatum Host = *Elymus elongatum* (Host) Runemark
ponticum Podpěra = *Elymus elongatus* (Host) Runemark subsp. *ponticus* (Podpěra) Melderis
Uralapis elongata Buckley = *Tridens muticus* (Torrey) Nash var. *elongatus* (Buckley) Shinnery
- Urochloa** signalgrass
Hatch, S.L. 1977. New grass distribution records for New Mexico and the United States. *Great Basin Naturalist* 37(4):530-531. [*Urochloa ciliatissima*, *Urochloa texana*, *U. panicoides*]
Morrone, O. & F.O. Zuloaga. 1993. Sinopsis del genero *Urochloa* (Poaceae: Panicoideae: Paniceae) para Mexico y America Central. *Darwiniana* 32:59-75.
Spellenberg, R. 1978. New plant distribution records from the southwestern United States and northern Mexico. *Madroño* 25:169-170. [*Urochloa panicoides*]
Webster, R.D. 1988. Genera of the North American Paniceae (Poaceae: Panicoideae). *Syst. Bot.* 13(4):576-609.
Wipff, J.K., R.I. Lonard, S.D. Jones, & S.L. Hatch. 1993. The genus *Urochloa* (Poaceae: Paniceae) in Texas, including one previously unreported species for the state. *Sida* 15:405-413.
arizonica (Scribner & Merrill) Morrone & Zuloaga [Allred 2005; M&H; W&S]
Arizona signalgrass
Brachiaria arizonica (Scribner & Merrill) S.T. Blake

- Panicum arizonicum* Scribner & Merrill
ciliatissima (Buckley) R.D. Webster [Allred 2005; Hatch 1977]
 fringed signalgrass
Brachiaria ciliatissima (Buckley) Chase
fasciculata (Swartz) R.D. Webster = *Urochloa fusca* (Swartz) Hansen & Wunderlin
fusca (Swartz) Hansen & Wunderlin [Allred 2005; M&H; W&S]
 browntop signalgrass
Brachiaria fasciculata (Swartz) Parodi
Panicum fasciculatum Swartz var. *reticulatum* (Torrey) Beal
Panicum fuscum Swartz
Urochloa fasciculata (Swartz) R.D. Webster
 ***panicoides** Beauvois [Allred 2005; Hatch 1977]
 liverseed grass
texana (Buckley) R.D. Webster [Allred 2005; Hatch 1977]
 Texas signalgrass
Brachiaria texana (Buckley) S.T. Blake
Panicum texanum Buckley
Valota saccharata (Buckley) Chase = *Digitaria californica* (Benth) Henrard
Vilfa cryptandra (Torrey) Torrey ex Trinius var. *flexuosa* Thurber ex Vasey = *Sporobolus flexuosus* (Thurber ex Vasey) Rydberg
Vulpia sixweeks-fescue
 Darbyshire, S.J. & S.I. Warwick. 1992. Phylogeny of North American *Festuca* (Poaceae) and related genera using chloroplast DNA restriction site variation. Can. J. Bot. 70:2415-2429.
 Hatch, S.L. 1977. New grass distribution records for New Mexico and the United States. Great Basin Naturalist 37(4):530-531. [*Vulpia myuros*]
 Lonard, R.I. & F.W. Gould. 1974. The North American species of *Vulpia* (Gramineae). Madroño 22:217-230.
 Spellenberg, R., M. Mahrt & R. Brozka. 1991. Noteworthy collections, New Mexico. Madroño 38:298-301. [*Vulpia microstachys microstachys*]
 ***bromoides** (Linnaeus) S.F. Gray [Allred 2005]
 brome sixweeks-fescue
Festuca dertonensis (Allioni) Ascherson & Graebner
microstachys (Nuttall) Munro in Benth var. **microstachys** [Allred 2005]
 small sixweeks-fescue
microstachys (Nuttall) Munro in Benth var. **pauciflora** (Scribner ex Beal) Lonard & Gould [Allred 2005; M&H; W&S]
 small sixweeks-fescue
Festuca microstachys Nuttall var. *pauciflora* Scribner ex Beal
Festuca pacifica Piper
myuros (Linnaeus) C.C. Gmelin var. **hirsuta** Hackel [Allred 2005; M&H]
 rattail sixweeks-fescue
Festuca megalura Nuttall
 ***myuros** (Linnaeus) C.C. Gmelin var. **myuros** [Allred 2005; Hatch 1977; M&H]
 rattail sixweeks-fescue
Festuca myuros Linnaeus
octoflora (Walter) Rydberg var. **glauca** (Nuttall) Fernald [Allred 2005; M&H]
 sixweeks-fescue
Festuca octoflora Walter var. *glauca* (Willdenow) Fernald
Festuca octoflora Walter var. *tenella* (Willdenow) Fernald
Festuca tenella Willdenow
octoflora (Walter) Rydberg var. **hirtella** (Piper) Henrard [Allred 2005]
 sixweeks-fescue
Festuca octoflora Walter subsp. *hirtella* Piper
octoflora (Walter) Rydberg var. **octoflora** [Allred 2005; M&H; W&S]
 sixweeks-fescue
Festuca octoflora Walter var. *octoflora*
Zea corn
 Doebley, J.F. & H.H. Iltis. 1980. Taxonomy of *Zea* (Gramineae). I. A subgeneric classification with key to taxa. Amer. J. Bot. 67:982-993.
 Iltis, H.H. & J.F. Doebley. 1980. Taxonomy of *Zea* (Gramineae). II. Subspecific categories in the *Zea mays* complex and a generic synopsis. Amer. J. Bot. 67:994-1004.
 ***mays** Linnaeus subsp. **mays** [Allred 2005]
 corn, maize
 **Zoysia japonica* Steudel (Japanese zoysiagrass) : Included by Allred (2005) only as an ornamental lawn grass and not known to escape.
 **matrella* (Linnaeus) Merrill (Manilla zoysiagrass) : Included by Allred (2005) only as an ornamental lawn grass and not known to escape.
Zuloagaea bulbosum (Kunth) Bess = *Panicum bulbosum* Kunth

Family PONTEDERIACEAE

- Horn, C. 2002. Pontederiaceae, pp. 37-46. IN: Flora of North America, vol. 26. Oxford University Press, New York.
 Rossati, T.J. 1987. The genera of Pontederiaceae in the southeastern United States. J. Arnold Arbor. 68:35-71.
Heteranthera mud-plantain
 Adams, T. 1998. New plant distribution records. The New Mexico Botanist 7:6. [*Heteranthera rotundifolia*]
 dubia (Jacquin) MacMillan : Reported as expected by M&H; awaits verification.

limosa (Swartz) Willdenow [Horn 2002; M&H; W&S]
blue mud-plantain
rotundifolia (Kunth) Grisebach [Adams 1998; Horn 2002]
round-leaf mud-plantain

Family POTAMOGETONACEAE

Potamogeton pondweed

Catling, P.M. & I. Dobson. 1985. The biology of Canadian weeds. 69. *Potamogeton crispus* L. Canad. J. Plant Sci. 65:655-668.
Correll, D.S. and H.B. Correll. 1972. Aquatic and Wetland Plants of Southwestern United States. Stanford Univ. Press.
Haynes, R.R. 1974. A revision of North American *Potamogeton* subsection *Pusilli* (Potamogetonaceae). Rhodora 76:564-649.
Haynes, R.R. & C.B. Hellquist. 2000. Potamogetonaceae, p. 47-74. IN: Flora North America, vol. 22. Oxford University Press. [*Potamogeton pusillus* pusillus]
McGrath, J. 2000. New plant distribution records. The New Mexico Botanist 15:7. [*Potamogeton alpinus*]
McGrath, J. 2001. New plant distribution records. The New Mexico Botanist 19:3. [*Potamogeton richardsonii*]
Reznicek, A. A. & R.S.W. Bobbette. 1976. The taxonomy of *Potamogeton* subsection *Hybridi* in North America. Rhodora 78:650-673.
Stuckey, R.L. 1979. Distributional history of *Potamogeton crispus* (curly pondweed) in North America. Bartonia 46:22-42.
Wiegand, G. & Z. Kaplan. 1998. An account of the species of *Potamogeton* L. (Potamogetonaceae). Folia Geobotanica 33(3):241-316.

alpinus Balbis [McGrath 2000]

alpine pondweed

americanus Chamisso & Schlechtendal = *Potamogeton nodosus* Poiret

berchtoldii Fieber var. *tenuissimus* (Mertens & Koch) Fernald = *Potamogeton pusillus* Linnaeus var. *tenuissimus* Mertens & Koch

***crispus** Linnaeus [M&H]

curly pondweed

diversifolius Rafinesque [M&H]

water-thread pondweed

filiformis Persoon var. **alpina** (Blytt) Ascherson & Graebner [M&H]

slender-leaf pondweed

Potamogeton filiformis Persoon var. *borealis* (Rafinesque) St. John

Potamogeton filiformis Persoon var. *macounii* Morong

Stuckenia filiformis (Persoon) Boerner

filiformis Persoon var. *borealis* (Rafinesque) St. John = *Potamogeton filiformis* Persoon var. *alpina* (Blytt) Ascherson & Graebner

filiformis Persoon var. *macounii* Morong = *Potamogeton filiformis* Persoon var. *alpina* (Blytt) Ascherson & Graebner

foliosus Rafinesque var. **foliosus** [M&H; W&S]

leafy pondweed

Potamogeton foliosus Rafinesque var. *genuinus* Fernald

Potamogeton foliosus Rafinesque var. *macellus* Fernald

foliosus Rafinesque var. *genuinus* Fernald = *Potamogeton foliosus* Rafinesque

foliosus Rafinesque var. *macellus* Fernald = *Potamogeton foliosus* Rafinesque

gramineus Linnaeus [M&H; W&S]

grassy pondweed

Potamogeton gramineus Linnaeus var. *typicus* Ogden

Potamogeton gramineus Linnaeus var. *maximus* Morong

gramineus Linnaeus var. *maximus* Morong = *Potamogeton gramineus* Linnaeus

gramineus Linnaeus var. *typicus* Ogden = *Potamogeton gramineus* Linnaeus

illinoensis Morong [M&H]

Illinois pondweed

natans Linnaeus [M&H; W&S]

floating pondweed

nodosus Poiret [M&H; W&S]

long-leaf pondweed

Potamogeton americanus Chamisso & Schlechtendal

pectinatus Linnaeus [M&H; W&S]

sago pondweed

Stuckenia pectinata (Linnaeus) Boerner

pusillus Linnaeus var. **pusillus** [Haynes & Hellquist 2000]

small pondweed

pusillus Linnaeus var. **tenuissimus** Mertens & Koch [Correll & Correll 1972; M&H]

small pondweed

Potamogeton berchtoldii Fieber var. *tenuissimus* (Mertens & Koch) Fernald

richardsonii (Bennett) Rydberg [McGrath 2001]

red-head pondweed

Stuckenia filiformis (Persoon) Boerner = *Potamogeton filiformis* Persoon

pectinata (Linnaeus) Boerner = *Potamogeton pectinata* Linnaeus

Zannichellia = see ZANNICHELLIACEAE

Family RUPPIACEAE

Haynes, R.R. 2000. Ruppiaceae, p. 75-76. IN: Flora North America, vol. 22. Oxford University Press.

Ruppia ditch-grass

cirrhosa (Petagna) Grande [Haynes 2000; M&H]
spiral ditch-grass
Ruppia maritima of NM reports
maritima of NM reports = *Ruppia cirrhosa* (Petagna) Grande

Family SPARGANIACEAE

Kaul, R.B. 2000. Sparganiaceae, p. 270-277. IN: Flora North America, vol. 2. Oxford Univ. Press.

Sparganium bur-reed
McGrath, J. 2000. Notes on *Sparganium emersum* and *S. angustifolium*. The New Mexico Botanist 15:5.
angustifolium Michaux [Kaul 2000; M&H]
narrow-leaf bur-reed
Sparganium multipedunculatum (Morong) Rydberg
emersum Rehmman [McGrath 2000]
emergent bur-reed
eurycarpum Engelmann ex Gray [Kaul 2000; M&H]
broad-fruit bur-reed
multipedunculatum (Morong) Rydberg = *Sparganium multipedunculatum* (Morong) Rydberg

Family TYPHACEAE

Smith, S.G. 2000. Typhaceae, p.278-285. IN: Flora North America, vol. 22. Oxford University Press.

Typha cattail
Hotchkiss, N. 1949. Taxonomy and distribution of North American cat-tails. Amer. Midl. Natur. 41:237-254.
Spellenberg, R., R. Worthington, P. Knight, & R. Fletcher. 1986. Additions to the flora of New Mexico. Sida 11(4):455-470. [*Typha domingensis*]
**angustifolia* Linnaeus [M&H; Smith 2000]
narrowleaf cattail
domingensis Persoon [Smith 2000; Spellenberg et al. 1986]
southern cattail
latifolia Linnaeus [M&H; Smith 2000; W&S]
broadleaf cattail

Family ZANNICHELLIACEAE

Haynes, R.R. & C.B. Hellquist. 2000. Zannichelliaceae, p. 84-85. IN: Flora North America, vol. 22. Oxford University Press.

Zannichellia horned-pondweed
palustris Linnaeus [M&H; W&S]
horned-pondweed