

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 [1/5/5]

Asplenium spleenwort

- 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 [M&H; Wagner & Moran 1993]
Palmer's spleenwort
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 [1/1/1]

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 [1/1/1]

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 [6/13/13]

Athyrium lady-fern

- Kato, M. 1993. *Athyrium*, pp. 255-258. IN: *Flora of North America*, vol. 2. Oxford Univ. Press.
filix-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
filix-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) Bernhardi

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

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 New Mexico; 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

scopolina D. C. Eaton : Reported for NM by M&H but not by Windham (1993); needs verification.

Family EQUISETACEAE [1/4/4]

Equisetum horsetail

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

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

field horsetail

×***ferrissii*** Clute [Hauke 1993]

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

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

Family ISOËTACEAE [1/1/1]

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 [2/3/3]

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 [1/1/1]

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 [2/5/5]

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 [1/2/2]

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. Wendi) 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 thysanolepis 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 [9/32/35]

Gastony, G.J. & D.R. Rollo. 1998. Cheilanthoid ferns (Pteridaceae: Cheilantheoideae) 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.

hispida (Mettenius ex Kuhn) Underwood [Haufler 1993; M&H; W&S]
 hairy bommeria
Gymnopteris hispida (Mettenius) Underwood
Gymnogramma hispida Mettenius

Cheilanthes lipfern
 Todsen, 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 (Poirot) Desvaux
Notholaena bonariensis (Willdenow) C. Christensen
Pellaea ferruginea Nees
Pteris aurea Poirot
- eatonii* Baker [M&H; W&S; Windham & Rabe 1993]
Eaton's lipfern
- feei* 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 [M&H; W&S] Note: Apparently found only once in the vicinity of Santa Rita near Silver City.
rough lipfern
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
- 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 crispata (Linnaeus) R. Brown var. *acrostichoides* (R. Brown) C.B. Clarke
crispata (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 (Poirot) 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
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 [1/1/1]

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 [1/11/12]

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. *rupincola* (Underwood) Clute = *Selaginella rupincola* Underwood

rupincola Underwood [M&H; Valdespino 1993; W&S]

ledge spikemoss

Selaginella rupestris (Linnaeus) Spring var. *rupincola* (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 [2/8/8]

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 monosperma *Juniperus* (Cupressaceae) from the Chihuahu 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 pinchotii* 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. *pinchotii* (Sudworth) Van Melle = *Juniperus pinchotii* 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

pinchotii Sudworth [Adams 1993; M&H]

Pinchot's juniper, redberry juniper

Juniperus erythrocarpa Cory

Juniperus monosperma (Engelmann) Sargent var. *pinchotii* (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 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 [1/6/6]

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 Engelmann ex S. Watson [M&H; Stevenson 1993]

rough ephedra

Ephedra nevadensis S. Watson var. *aspera* (Engelmann) 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
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* = see *CUPRESSACEAE*

Family PINACEAE [4/13/15]

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 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 sensu stricto : 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).
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
cebroides Zuccarini var. **cebroides** [Kral 1993; M&H; W&S]
 Mexican piñon pine
cebroides Zuccarini var. **bicolor** Little [Bailey & Hawksworth 1979; Farjon & Styles 1997]
 Mexican piñon pine
Pinus discolor Bailey & Hawksworth
Pinus johannis M.-F. Robert
cebroides Zuccarini var. *edulis* (Engelmann) Voss = *Pinus edulis* Engelmann
chihuahuana Engelmann = *Pinus leiophylla* Schiede & Deppe var. *chihuahuana* (Engelmann) Shaw
discolor Bailey & Hawksworth = *Pinus cebroides* Zuccarini var. *bicolor* Little
edulis Engelmann [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 Engelmann 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 Engelmann
flexilis James [Kral 1993; M&H; W&S]
 limber pine
Pinus flexilis (James) Rydberg
flexilis James var. *reflexa* Engelmann = *Pinus strobiformis* Engelmann
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 Engelmann
macrophylla Engelmann = *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 Engelmann var. *fallax* Little
monophylla Torrey & Fremont var. *edulis* (Engelmann) M.E. Jones = *Pinus edulis* Engelmann
ponderosa Lawson var. ***arizonica*** (Engelmann) Shaw [Kral 1993; M&H; W&S]
 Arizona pine
Pinus arizonica Engelmann
ponderosa Lawson var. ***scopulorum*** Engelmann [Kral 1993; M&H; W&S]
 ponderosa pine
Pinus brachyptera Engelmann
Pinus scopulorum (Engelmann) Lemmon
scopulorum (Engelmann) Lemmon = *Pinus ponderosa* Lawson var. *scopulorum* Engelmann
strobiformis Engelmann [Kral 1993; M&H; W&S]
 southwestern white pine
Pinus flexilis James var. *reflexa* Engelmann
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 [10/11/11]

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 [1/3/7]

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) Kearny & Peebles
sinuosum Rehder = *Acer grandidentatum* Nuttall var. *sinuosum* (Rehder) Little
Negundo interius (Britton) Rydberg = *Acer negundo* Linnaeus var. *interius* (Britton) Sargent

Family ADOXACEAE [1/1/1]

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

Family AIZOACEAE [2/2/2]

- 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** = see NYCTAGINACEAE

Family **ALSINACEAE** = see CARYOPHYLLACEAE

Family AMARANTHACEAE [9/35/36]

- 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
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

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 New Mexico, 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

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

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

Prince-of-Wales-feather

Amaranthus leucocarpus S. Watson

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
Cladanthus 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 Wootton & 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]
 woolly 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).
Brayulinea 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.

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; 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) Bentham & Hooker

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

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

Family ANACARDIACEAE [2/6/12]

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]

smooth sumac

Rhus cismontana Greene

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

Rhus sorbifolia Greene

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]

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]

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 leiocarpa Greene
Schmaltzia quercifolia Greene
Schmaltzia trilobata (Nuttall) Small
virens Lindheimer ex Gray subsp. *choriophylla* (Wooton & Standley) Young = *Rhus virens* Lindheimer ex Gray var. *choriophylla* (Wooton & Standley) B.L. Turner
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. **virens** [Turner 1996]
 evergreen sumac
Schmaltzia choriophylla (Wooton & Standley) Barkley
Schmaltzia affinis Greene = *Rhus trilobata* Nuttall var. *simplicifolia* (Greene) Barkley
bakeri Greene = *Rhus trilobata* Nuttall var. *trilobata*
choriophylla (Wooton & Standley) Barkley = *Rhus virens* Lindheimer ex Gray var. *choriophylla* (Wooton & Standley) B.L. Turner
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*
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) [35/63/64]

- 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 subsp. **breviradiatus** Theobald & Tseng [Sivinski & Lightfoot 1994]
 Macdougall's Indian-parsley
macdougallii Coulter & Rose subsp. *macdougallii* : Reported by M&H, but this questioned by some authors; needs verification.
Oreoxis macdougallii (Coulter & Rose) Rydberg
sessiliflorus Theobald & Tseng [M&H]
 Indian-parsley
- 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 Benth = *Cyclosporum leptophyllum* (Persoon) Sprague ex Britton & Wilson
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*]
Matthias, 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 occidentalis Greene
maculata Linnaeus var. **bolanderi** (S. Watson) G.A. Mulligan [Mulligan 1980]
spotted water-hemlock
occidentalis Greene = *Cicuta maculata* Linnaeus var. *angustifolia* Hooker
- Cogswellia 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
- Cyclosporum**
Allred, K.W. 1999. New plant distribution records. *The New Mexico Botanist* 13:7. [*Cyclospuma leptophyllum*]
Allred, K.W. 2000. New plant distribution records. *The New Mexico Botanist* 15:7. [*Cyclosporum leptophyllum*]
***leptophyllum** (Persoon) Sprague ex Britton & Wilson [Allred 1999, 2000]
marsh parsley
Apium leptophyllum (Persoon) F. Mueller ex Benth
- 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*]
Peterson, R.S. 2000. New plant distribution records. *The New Mexico Botanist* 15:7. [*Cymopterus purpurascens*]
acaulis (Pursh) Rafinesque var. **fendleri** (Gray) Goodrich [M&H; W&S]
plains spring-parsley
Cymopterus fendleri Gray
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
bulbosus A. Nelson [M&H; W&S]
bulbous spring-parsley
Phellopterus bulbosus (A. Nelson) Coulter & Rose

Phellopterus utahensis (M.E. Jones) Wooton & Standley
constancei R.L. Hartman [Hartman 2000]
 Lincoln's spring-parsley
fendleri Gray = *Cymopterus acaulis* (Pursh) Rafinesque var. *fendleri* (Gray) Goodrich
macrorhizus Buckley [M&H; W&S]
 big-root spring-parsley
Phellopterus macrorhizus (Buckley) Coulter & Rose
montanus Nuttall ex Torrey & Gray [M&H]
 mountain spring-parsley
Phellopterus montanus Nuttall
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.
purpurascens (Gray) Jones [Peterson 2000]
 wafer spring-parsley
purpureus S. Watson [M&H; W&S]
 purple spring-parsley
Aulospermum purpureum (S. Watson) Coulter & Rose
terebinthinus (Hooker) Torrey & Gray var. *petraeus* (M.E. Jones) Goodrich = *Pteryxia petraea* (M.E. Jones) Coulter & Rose
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
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
sparganophyllum Hemsley [M&H; W&S]
 Arizona eryngo
Eryngium longifolium Gray
wrightii Gray = *Eryngium heterophyllum* Engelmann
Eurytaenia spreadwing
 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 spreadwing
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

- Levisticum** lovage
 **officinale* Koch [M&H]
 garden lovage
- Ligusticum** wild-lovage
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. *macdougallii* (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
nuttallii (Gray) Macbride [M&H; W&S]
 Nuttall's desert-parsley
Cynomarathrum nuttallii (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 lithophila Mathias : The type locality (Huefano Mts) was mistakenly referred to NM, rather than to Colorado; no specimens are known
 from NM [Weber 1958; Theobald et al. 1963]
- 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 is apparently endemic to Colorado (Kartesz 1999).
- 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. [*Osmorrhiza 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
obtusa (Coulter & Rose) Fernald = *Osmorhiza depauperata* Philippi
- Oxypolis** 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 macrorrhizus* (Buckley) Coulter & Rose = *Cymopterus macrorrhizus* Buckley
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) Matthias & 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 mountain-parsley

filicinus Wooton & Standley = *Pseudocymopterus montanus* (Gray) Coulter & Rose

longiradiatus Matthias, Constance, & Theobald [M&H]

mountain-parsley

montanus (Gray) Coulter & Rose [M&H; W&S]

alpine mountain-parsley

Pseudocymopterus filicinus Wooton & Standley

Pseudocymopterus multifidus Rydberg

Pseudocymopterus purpureus (Coulter & Rose) Rydberg

Pseudocymopterus tenuifolius (Gray) Rydberg

multifidus Rydberg = *Pseudocymopterus montanus* (Gray) Coulter & Rose

purpureus (Coulter & Rose) Rydberg = *Pseudocymopterus montanus* (Gray) Coulter & Rose

tenuifolius (Gray) Rydberg = *Pseudocymopterus montanus* (Gray) Coulter & Rose

Pteryxia wavewing

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. petraea*]

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

davidsonii (Coulter & Rose) Matthias & Constance [M&H]

Davidson's wavewing

Pseudocymopterus davidsonii (Coulter & Rose) Mathias

hendersonii (Coulter & Rose) Mathias & Constance [Mathias & Constance 1945]

Henderson's wavewing

petraea (M.E. Jones) Coulter & Rose [Heil et al. 2002]

rock-living wavewing

Cymopterus terebinthinus (Hooker) Torrey & Gray var. *petraeus* (M.E. Jones) Goodrich

Sanicula snakeroot

canadensis Linnaeus : Reported as expected by M&H; awaits verification.

marilandica Linnaeus [M&H; W&S]

black snakeroot

Sium 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

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 [5/12/15]

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 tharpitii*]

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 [M&H]
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. *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 [1/1/1]

- 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.
humilis Cavanilles : Reported questionably by Kartesz (1999); awaits verification.
racemosa Linnaeus subsp. *bicrenata* (Wootton & Standley) Welsh & Atwood [M&H; W&S]
 American spikenard
Aralia bicrenata Wootton & Standley

Family ARISTOLOCHIACEAE [1/2/2]

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

Family ASCLEPIADACEAE [4/32/34]

- Note: Some workers are now treating Asclepiadaceae within Apocynaceae.
 Liede, S. 1997. Subtribes and genera of the tribe Asclepiadeae (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) Wootton & 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
elata Bentham = *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
galioides Humboldt, Bonpland, & Kunth [= *Asclepias mexicana* Cavanilles] : Not known to occur in New Mexico [Woodson 1954]
galioides of numerous American authors = *Asclepias subverticillata* (Gray) Vail
glaucescens Kunth [M&H; W&S]
 nodding milkweed
Asclepias elata Bentham
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
involutrata 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
viridiflora Rafinesque [M&H; W&S]
 green comet
Acerates ivesii (Britton) Wooton & Standley
Acerates viridiflora (Rafinesque) Eaton
Asclepias viridiflora Rafinesque var. *lanceolata* (Ives) Torrey
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*]
 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, as *Cynanchum arizonicum*]
 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 Engelm.: 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

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

Sarcostemma crispum Benth.

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

climbing milkweed

Funastrum cynanchoides (Decaisne) Schlechtendal

Philibertella cynanchoides (Decaisne) Vail

Sarcostemma cynanchoides Decaisne

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

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

Family ASTERACEAE (COMPOSITAE) [170/603/704]

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

subalpina Greene = *Achillea millefolium* Linnaeus

Achyropappus neomexicanus Gray = *Schkuhria multiflora* Hooker & Arnott

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

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]
hard-heads, 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 = *Tetraneuris 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
formosa A. Nelson = *Tetraneuris argentea* (Gray) Greene
glabra Nuttall = *Tetraneuris scaposa* (A.P. de Candolle) Greene var. *scaposa*
leptoclada Torrey = *Tetraneuris argentea* (Gray) Greene
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. *linearis* (Nuttall) Parker

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 false-dandelion

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

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 [M&H]
Arizona false-dandelion

Agoseris leptocarpa Osterhout
Troximon arizonicum Greene

aurantiaca (Hooker) Greene [M&H; W&S]
orange-flowered false-dandelion

- Agoseris gracilens* Greene var. *greenei* (Gray) Greene
Agoseris greenei (Gray) Rydberg
Agoseris purpurea (Gray) Greene
Troximon aurantiacum Hooker
glauca (Pursh) D. Dietrich var. **glauca** [M&H; W&S]
pale false-dandelion
Agoseris pumila (Nuttall) Rydberg
Troximon glaucum Pursh
glauca (Pursh) D. Dietrich var. **laciniata** (D.C. Eaton) Smiley [M&H; W&S]
cutleaf false-dandelion
Agoseris laciniata (Nuttall) Greene
Agoseris glauca (Pursh) D. Dietrich var. *parviflora* (Nuttall) Rydberg
Agoseris parviflora (Nuttall) Greene
Agoseris taraxacifolia (Nuttall) D. Dietrich
Troximon parviflorum Nuttall
graminifolia Greene [M&H; W&S]
grassy false-dandelion
heterophylla (Nuttall) Greene var. **quentinii** G.I. Baird [Baird 2004; Hershey & Leyendecker 1944; M&H]
annual false-dandelion
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
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. *Hymenocleas* 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
grayii (A. Nelson) Shinnars [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** snakeweed
 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 snakeweed
Brachyris dracunculoides A.P. de Candolle
Gutierrezia dracunculoides (A.P. de Candolle) Blake
Xanthocephalum dracunculoides (A.P. de Candolle) Shinnors
- 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
- 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. & 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 microphylla* Rydberg
arida E. Nelson var. *viscidula* E. Nelson = *Antennaria umbrinella* Rydberg
concinna E. Nelson = *Antennaria microphylla* Rydberg
corymbosa E. Nelson [McGrath 2000]
 flat-top pussytoes
fendleri Greene = *Antennaria marginata* Greene
imbricata E. Nelson = *Antennaria microphylla* Rydberg
marginata Greene [M&H; W&S]
 white-margin pussytoes
Antennaria fendleri Greene
Antennaria peramoena Greene
media Greene [Bayer 1990]
 Rocky Mountain pussytoes
microphylla Rydberg [M&H; W&S]
 small-leaf pussytoes
Antennaria arida E. Nelson
Antennaria concinna E. Nelson
Antennaria imbricata E. Nelson
Antennaria obovata sensu W&S and M&H
Antennaria rosea (D.C. Eaton) Greene
obovata sensu W&S and M&H = *Antennaria microphylla* Rydberg
parvifolia Nuttall [M&H; W&S]
 little-leaf pussytoes
Antennaria aprica Greene
peramoena Greene = *Antennaria marginata* Greene
rosea (D.C. Eaton) Greene = *Antennaria microphylla* Rydberg
rosulata Rydberg [M&H; W&S]
 Kaibab pussytoes
umbrinella Rydberg [M&H; W&S]
 brown pussytoes
Antennaria arida E. Nelson var. *viscidula* E. Nelson
Antennaria viscidula (E. Nelson) Rydberg
viscidula (E. Nelson) Rydberg = *Antennaria umbrinella* Rydberg
- 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--Astereae). Phytologia 56:81-101.
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** (Bentham) Turner & Birdsong [Turner 1984]
 low faintcrown
Aphanostephus arizonicus Gray
Aphanostephus humilis Bentham
 ramosissimus A.P. de Candolle var. ramosissimus : Not known from NM.
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
Keertia skirrhobasis A.P. de Candolle
- 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** leopardbane
 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*]
 Wolf, S.J. & K.E. Denford. 1984. Taxonomy of *Arnica* (Compositae) subgenus *Astromontana*. Rhodora 86:239-309.
chamissonis Lessing subsp. **foliosa** (Nuttall) Maguire [M&H; W&S]
 leafy leopardbane
Arnica foliosa Nuttall
cordifolia Hooker [M&H; W&S]
 heart-leaf leopardbane
foliosa Nuttall = *Arnica chamissonis* Lessing subsp. *foliosa* (Nuttall) Maguire
fulgens Pursh [Heil et al. 2002]
 shining leopardbane
latifolia Bongard : Reported by M&H but not by Wolf & Denford (1984); awaits verification.
- 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.
 McArthur, E.D. & S.C. Sanderson. 1999. Cytogeography and chromosome evolution of subgenus *Tridentatae* of *Artemisia* (Asteraceae). Amer. J. Bot. 86(12):1754-1775.
 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.
 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 cytotaxonomic 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
 ***biennis** Willdenow [M&H; W&S]
 biennial wormwood
bigelovii Gray [M&H; W&S]
 flat sagebrush
campestris Linnaeus var. **caudata** (Michaux) Palmer & Steyermark [M&H; W&S]
 field wormwood
Artemisia campestris Linnaeus subsp. *caudata* (Michaux) Hall & Clements
Artemisia caudata Michaux

Artemisia forwoodii S. Watson
campestris Linnaeus var. **pacifica** (Nuttall) Peck [M&H; W&S]
 field wormwood
Artemisia pacifica Nuttall
campestris Linnaeus var. **scouleriana** (Besser) Cronquist [M&H; W&S]
 field wormwood
Artemisia scouleriana (von Besser) Rydberg
cana Pursh [M&H; W&S]
 silver sagebrush
carruthii Wood ex Carruth [M&H; W&S]
 Carruth's sagebrush
Artemisia carruthii Wood var. *wrightii* (Gray) Blake
Artemisia kansana Britton
Artemisia wrightii Gray
caudata Michaux = *Artemisia campestris* Linnaeus var. *caudata* (Michaux) Palmer & Steyermark
dracunculina S. Watson = *Artemisia dracunculus* Linnaeus
dracunculoides Pursh = *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 var. *caudata* (Michaux) Palmer & Steyermark
franserioides Greene [M&H; W&S]
 ragweed sagebrush
frigida Willdenow [M&H; W&S]
 estafiata, fringed sage
glauca Pallas ex Willdenow = *Artemisia dracunculus* Linnaeus
kansana Britton = *Artemisia carruthii* Wood
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 gnaphalodes 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
ludoviciana Nuttall subsp. **redolens** (Gray) Keck [M&H; W&S]
 southwestern wormwood
Artemisia neomexicana Greene
Artemisia redolens Gray
ludoviciana Nuttall subsp. **sulcata** (Rydberg) Keck [M&H]
 wormwood
mexicana Willdenow = *Artemisia ludoviciana* Nuttall subsp. *mexicana* (Willdenow) Keck
neomexicana Greene = *Artemisia ludoviciana* Nuttall subsp. *redolens* (Gray) Keck
nova A. Nelson [M&H; W&S]
 black sagebrush
Artemisia arbuscula Nuttall subsp. *nova* (A. Nelson) G.H. Ward
parryi Gray [M&H]
 Parry's wormwood
Artemisia saxicola (Besser) Rydberg var. *parryi* A. Nelson
pattersonii Gray [M&H]
 Patterson's wormwood
petrophila Wooton & Standley = *Artemisia tridentata* Nuttall
pygmaea A. Gray [Sivinski et al. 1995, 2001]
 pygmy sagebrush
redolens Gray = *Artemisia ludoviciana* Nuttall subsp. *redolens* (Gray) Keck
rhizomata A. Nelson = *Artemisia ludoviciana* Nuttall subsp. *ludoviciana*
scopulorum Gray [M&H; W&S]

alpine sagebrush

scouleriana (von 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

Artemisia petrophila Wooton & Standley

tridentata Nuttall subsp. *vaseyana* (Rydberg) Beetle [Shultz 1986]

big sagebrush

tridentata Nuttall subsp. *wyomingensis* [McArthur & Sanderson 1999]

big sagebrush

wrightii Gray = *Artemisia carruthii* Wood

Asanthus squamulosus (Gray) R.M. King & H.E. Robinson = *Brickellia squamulosa* Gray

Aster adscendens Lindley = *Symphiotrichum adscendens* (Lindley) Nesom

amplifolius = *Dieteria asteroides* Torrey var. *asteroides*

apricus (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 [= *Dieteria canescens* (Pursh) Nuttall] : Not known from NM according to Turner (1987).

canescens Pursh var. *tephrodes* Gray = *Dieteria asteroides* Torrey var. *asteroides*

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. *crassulum* (Rydberg) Nesom

commutatus (Torrey & Gray) Gray var. *polycephalus* Blake, non *Aster polycephalus* Rydberg = *Symphiotrichum falcatum* (Lindley)

Nesom var. *commutatum* (Torrey & Gray) Nesom

crassulus Rydberg = *Symphiotrichum falcatum* (Lindley) Nesom var. *crassulum* (Rydberg) Nesom

ericoides Linnaeus = *Symphiotrichum ericoides* (Linnaeus) Nesom var. *ericoides*

exilis Elliott = *Symphiotrichum subulatum* (Michaux) Nesom var. *subulatum*

exilis of NM authors = *Symphiotrichum subulatum* (Michaux) Nesom var. *ligulatum* (Shinners) S.D. Sundberg

falcatus Lindley = *Symphiotrichum falcatum* (Lindley) Nesom var. *falcatum*

fendleri Gray = *Symphiotrichum fendleri* (A. Gray) Nesom

foliaceus Lindley ex A.P. de Candolle var. *apricus* A. Gray = *Symphiotrichum foliaceum* (Lindley ex A.P. de Candolle) Nesom var.

apricum (A. Gray) Nesom

foliaceus Lindley ex A.P. de Candolle var. *canbyi* A. Gray = *Symphiotrichum foliaceum* (Lindley ex A.P. de Candolle) Nesom var. *canbyi* (A. Gray) Nesom

foliaceus Lindley ex A.P. de Candolle var. *frondeus* A. Gray = *Symphiotrichum foliaceum* (Lindley ex A.P. de Candolle) Nesom var.

parryi (D.C. Eaton) Nesom

frondosus (Nuttall) Torrey & Gray = *Symphiotrichum 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 = *Eurybia glauca* (Nuttall) Nesom

hebecladus A.P. de Candolle = *Symphiotrichum ericoides* (Linnaeus) Nesom var. *ericoides*

hesperius Gray var. *hesperius* = *Symphiotrichum lanceolatum* (Willdenow) Nesom var. *hesperium* (A. Gray) Nesom

hesperius Gray var. *laetivirens* (Greene) Cronquist = *Symphiotrichum lanceolatum* (Willdenow) Nesom var. *hesperium* (A. Gray) Nesom

hesperius Gray var. *wootonii* Greene = *Symphiotrichum lanceolatum* (Willdenow) Nesom var. *hesperium* (A. Gray) Nesom

hirtifolius Blake = *Chaetopappa ericoides* (Torrey) Nesom

horridus (Wooton & Standley) Blake = *Eurybia horrida* (Wooton & Standley) Nesom

hydrophilus Greene = *Almutaster pauciflorus* (Nuttall) Löve & Löve

jemensis A. Nelson = *Symphiotrichum fendleri* (A. Gray) Nesom

laevis Linnaeus var. *geyeri* Gray = *Symphiotrichum laeve* (Linnaeus) Löve & Löve var. *geyeri* (A. Gray) Nesom

laevis Linnaeus var. *guadalupensis* A.G. Jones = *Symphiotrichum laeve* (Linnaeus) Löve & Löve var. *geyeri* (A. Gray) Nesom

laevis Linnaeus var. *laevis* = *Symphiotrichum laeve* (Linnaeus) Löve & Löve var. *laeve*

leucelene Blake = *Chaetopappa ericoides* (Torrey) Nesom

linearis (Greene) Cory = *Dieteria canescens* (Pursh) Nuttall var. *glabra* (Gray) Morgan & Hartman

lonchophyllus Greene = *Symphiotrichum eatonii* (Gray) Nesom

multiflorus Aiton = *Symphiotrichum ericoides* (Linnaeus) Nesom var. *ericoides*

neomexicanus Wooton & Standley = *Symphiotrichum subulatum* (Michaux) Nesom var. *ligulatum* (Shinners) S.D. Sundberg

novae-angliae Linnaeus = *Symphiotrichum novae-angliae* (Linnaeus) Nesom

oblongifolius Nuttall = *Symphiotrichum oblongifolium* (Nuttall) Nesom

occidentalis (Nuttall) Torrey & Gray = *Symphiotrichum spathulatum* (Lindley) Nesom var. *spathulatum*

oregonus auct. non (Nuttall) Torrey & Gray = *Symphiotrichum eatonii* (Gray) Nesom

pauciflorus Nuttall = *Almutaster pauciflorus* (Nuttall) Löve & Löve

porteri Gray = Symphyotrichum porteri (A. Gray) Nesom
praealtus Poiret = Symphyotrichum praealtum (Poiret) Nesom
salicifolius Aiton = Symphyotrichum praealtum (Poiret) Nesom
sericeus Ventenat = Symphyotrichum sericeum (Ventenat) Nesom
spinous Bentham = Chloracantha spinosa (Bentham) Nesom
subulatus Michaux var. *cubensis* Shinnery = Symphyotrichum expansum (Poeppig ex Sprengel) Nesom
subulatus Michaux var. *ligulatus* Shinnery = Symphyotrichum divaricatum (Nuttall) Nesom
subulatus Michaux = Symphyotrichum subulatum (Michaux) Nesom
tagetinus (Greene) Blake = Machaeranthera tagetina Greene
tanacetifolius Humboldt, Bonpland, & Kunth = Machaeranthera tanacetifolia (Humboldt, Bonpland, & Kunth) Nees
tephrodes (Gray) Blake = Dieteria asteroides Torrey var. asteroides
vallicola Greene = Symphyotrichum ascendens (Lindley) Nesom
woodhousei Wootton = 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.

bigelovii Gray [M&H; W&S]

Bigelow's seep willow

brachyphylla Gray [M&H]

short-leaf seep willow

emoryi Gray [M&H; W&S]

Emory's seep willow

glutinosa Persoon = Baccharis salicifolia (Ruiz & Pavon) Persoon

havardii Gray [McIntosh 1996]

Havard's seep willow

neglecta Britton [M&H]

Roosevelt-weed

pilularis A.P. de Candolle [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

sarothroides Gray [M&H; W&S]

broom seep willow, rosinbush

texana (Torrey & Gray) Gray : Reported as expected by M&H map; awaits verification.

Aplopappus linearifolius Buckley

Lynosyris 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

Baeria chrysostoma Fischer & C.A. Meyer var. *gracilis* (A.P. de Candolle) Hall = Lasthenia californica A.P. de Candolle ex Lindley

Bahia bahia

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

absinthifolia Bentham var. *absinthifolia* : Reported by M&H, but not occurring in NM fide Ellison (1964).

absinthifolia Bentham var. **dealbata** Gray [M&H; W&S]

hairy-seed bahia

Bahia dealbata Gray

Picradeniopsis dealbata (Gray) Wootton & Standley

biternata Gray [M&H; W&S]

slim-lobe bahia

Schkuhria biternata Gray

Villanova biternata (Gray) Wootton & Standley

dealbata Gray = Bahia absinthifolia Bentham var. dealbata Gray

dissecta (Gray) Britton [M&H]

ragged-leaf bahia

Amauria dissecta Gray

Amuriopsis dissecta (Gray) Rydberg

Villanova 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
Schkuhria pedata Gray
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 salicifolius (Kunth) H. Robinson & Brettell = *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.
juncea (Bentham) Greene var. *aspera* Greene [M&H; W&S]
 sweetbush
Bebbia aspera A. Nelson
Berlandiera greeneyes
 Pinkava, D.J. 1967. Biosystematic study of *Berlandiera* (Compositae). Brittonia 19:285-298.
 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]
 Lyre-leaf greeneyes, chocolate-flower
Berlandiera incisa Torrey & Gray
Berlandiera lyrata Benth var. *macrophylla* Gray
Berlandiera macrophylla (Gray) M.E. Jones
lyrata Benth var. *macrophylla* Gray = *Berlandiera lyrata* Benth
macrophylla (Gray) M.E. Jones = *Berlandiera lyrata* Benth
texana A.P. de Candolle = *Berlandiera betonicifolia* Hooker
betonicifolia Hooker [M&H]
 Texas greeneyes
Berlandiera texana A.P. de Candolle
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.
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. *bitermatoides* Sherff
bipinnata Linnaeus var. *bitermatoides* Sherff = *Bidens bipinnata* Linnaeus
cernua Linnaeus
 nodding beggarticks
Bidens glaucescens Greene
Bidens prionophylla Greene
cognata Greene = *Bidens tenuisecta* Gray
comosa (Gray) Wiegand [M&H]

beggarticks
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
odorata Cavanilles [Ballard 1986; M&H]
 fragrant beggarticks
Bidens pilosa Linnaeus var. *radiata* sensu M&H
pilosa Linnaeus var. *radiata* sensu M&H = *Bidens odorata* Cavanilles var. *odorata*
polylepis Blake [= *Bidens aristosa* Michaux] : Reported as expected by M&H; awaits verification.
prionophylla Greene = *Bidens cernua* Linnaeus
tenuisecta Gray [M&H; W&S]
 slim-lobe beggarticks
Bidens cognata Greene

Bigelovia graveolens
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
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*]
 Cronquist, A. 1994. *Kuhnia*, pp. 384. IN: Intermountain Flora, vol. 5. New York Botanical Garden.
 Shinnars, L.H. 1946. Revision of the genus *Kuhnia*. Wrightia 1:122-144.
 Shinnars, 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
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
 +***chenopodina*** (Greene) Robinson [M&H; W&S]
 chenopod brickellbush
Coleosanthus chenopodinus Greene
chlorolepis (Wooton & Standley) Shinnars = *Brickellia eupatorioides* (Linnaeus) Shinnars var. *chlorolepis* (Wooton & Standley) B. Turner
coulteri Gray [Spellenberg et al. 1993]
 Coulter's brickellbush
eupatorioides (Linnaeus) Shinnars var. ***chlorolepis*** (Wooton & Standley) B. Turner [M&H; W&S]
 false boneset
Brickellia chlorolepis (Wooton & Standley) Shinnars
Kuhnia chlorolepis Wooton & Standley
Kuhnia rosmarinifolia Ventenat var. *chlorolepis* (Wooton & Standley) Blake
Kuhnia eupatorioides Linnaeus var. *chlorolepis* (Wooton & Standley) Cronquist
eupatorioides (Linnaeus) Shinnars var. ***corymbulosa*** (Torrey & Gray) Shinnars [Turner 1989]
 false boneset
Kuhnia eupatorioides Linnaeus var. *corymbulosa* Torrey & Gray
Brickellia eupatorioides (Linnaeus) Shinnars var. *eupatorioides* : Reported by W&S, but not known from NM according to Turner (1989).

- fendleri** Gray [M&H; W&S]
Fendler's brickellbush
Brickelliastrum fendleri (Gray) King & H.E. Robinson
Coleosanthus ambigens Greene
- 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
- laciniata** Gray [M&H; W&S]
cut-leaf brickellbush
Coleosanthus laciniatus (Gray) Kuntze
- 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]
- 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 [M&H]
mule mountain brickellbush
Coleosanthus squamulosus (Gray) Kuntze
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 fendleri (Gray) King & H.E. Robinson = *Brickellia fendleri* Gray
Burrielia gracilis A.P. de Candolle = *Baeria chrysostoma* Fischer & Meyer var. *gracilis* (A.P. de Candolle) Hall
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
- Calyplocarpus** 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. *scariosum*
arizonicum (Gray) Greene = *Cirsium arizonicum* (Gray) Petrak var. *arizonicum*
bipinnatus (Eastwood) Heller = *Cirsium arizonicum* (Gray) Petrak var. *bipinnatum* (Eastwood) Keil
drummondii (Torrey & Gray) Coville = *Cirsium scariosum* Nuttall var. *scariosum*

- drummondii* (Torrey & Gray) Coville var. *acaulescens* (Gray) Coville = *Cirsium scariosum* Nuttall var. *scariosum*
gilensis Wooton & Standley = *Cirsium parryi* (Gray) Petrak subsp. *parryi*
inornatus Wooton & Standley = *Cirsium parryi* (Gray) Petrak subsp. *parryi*
***nutans** Linnaeus [M&H]
 musk thistle, nodding thistle
Carduus thoermeri Weinmann
thoermeri Weinmann = *Carduus nutans* Linnaeus
- Carminatia** plumeweed
tenuiflora A.P. de Candolle [M&H; W&S]
 plumeweed
- Carpochaete** 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.
americana Nuttall [Allred & Lee 1999; M&H; W&S]
 American basketflower
***biebersteinii** A.P. de Candolle [Allred & Lee 1999; M&H]
 spotted knapweed
Centaurea maculosa of various authors, not Lamarck
***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 of various authors, not Lamarck = *Centaurea biebersteinii* A.P. de Candolle
***melitensis** Linnaeus [Allred & Lee 1999; M&H]
 malta starthistle
repens Linnaeus = *Acroptilon repens* (Linnaeus) A.P. de Candolle
rothrockii Greenman [Allred & Lee 1999; M&H]
 Rothrock's basketflower
***solstitialis** Linnaeus [Allred & Lee 1999]
 yellow starthistle
- Cephalobombix neomexicana* (Gray) Rydberg = *Schkuhria multiflora* Hooker & Arnott
- 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.
 Shinnars, 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 [Shinnars 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. [*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) Shinnery
- Chrysopsis berlandiera* Greene = *Heterotheca canescens* (A.P. de Candolle) Shinnery
canescens (A.P. de Candolle) Torrey & Gray = *Heterotheca canescens* (A.P. de Candolle) Shinnery
cryptocephala Wootton & Standley = *Heterotheca fulcrata* (Greene) Shinnery
foliosa Nuttall = *Heterotheca villosa* (Pursh) Shinnery var. *foliosa* (Nuttall) Harms
fulcrata Greene = *Heterotheca fulcrata* (Greene) Shinnery
hirsutissima Greene = *Heterotheca villosa* (Pursh) Shinnery var. *minor* (Hooker) Semple
hispidula (Hooker) A.P. de Candolle = *Heterotheca villosa* (Pursh) Shinnery var. *minor* (Hooker) Semple
horrida Rydberg = *Heterotheca villosa* (Pursh) Shinnery var. *nana* (A. Gray) Semple
nitidula Wootton & Standley = *Heterotheca fulcrata* (Greene) Shinnery var. *amplifolia* (Rydberg) Semple
senilis Wootton & Standley = *Heterotheca fulcrata* (Greene) Shinnery var. *senilis* (Wootton & Standley) Semple
viscida (Gray) Greene = *Heterotheca viscida* (Gray) Harms
villosa (Pursh) Nuttall ex Hooker = *Heterotheca villosa* (Pursh) Shinnery
- Chrysothamnus baileyi* Wootton & Standley = *Ericameria pulchella* (Gray) L.C. Anderson subsp. *baileyi* (Wootton & Standley) L.C. Anderson
bigelovii (Gray) Greene = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird subsp. *nauseosa* var. *bigelovii* (A. Gray) Nesom & Baird
confinis Greene = *Chrysothamnus nauseosus* (Pallas ex Pursh) Britton subsp. *pinifolius* (Greene) Hall & Clements
depressus Nuttall = *Ericameria depressa* (Nuttall) L.C. Anderson
elatiior Standley = *Ericameria pulchella* (Gray) L.C. Anderson subsp. *pulchella* var. *elatiior* (Standley) L.C. Anderson
elegans Greene = *Ericameria viscidiflora* (Hooker) L.C. Anderson subsp. *lanceolata* (Nuttall) L.C. Anderson
filifolius Rydberg = *Ericameria filifolia* (Rydberg) L.C. Anderson
formosus Greene = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird subsp. *nauseosa* var. *speciosa* (Nuttall) Nesom & Baird
glaucus A. Nelson = *Ericameria viscidiflora* (Hooker) L.C. Anderson subsp. *viscidiflora* var. *viscidiflora*
graveolens (Nuttall) Greene = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird subsp. *nauseosa* var. *graveolens* (Nuttall) Reveal & Schuyler
greenei (Gray) Greene subsp. *filifolius* (Rydberg) Hall & Clements = *Ericameria filifolia* (Rydberg) L.C. Anderson
greenei (Gray) Greene subsp. *greenei* = *Ericameria filifolia* (Rydberg) L.C. Anderson
latisquameus (Gray) Greene = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird subsp. *nauseosa* var. *latisquamea* (A. Gray) Nesom & Baird
- linifolius* Greene = *Ericameria linifolia* (Greene) L.C. Anderson
nauseosus (Pallas ex Pursh) Britton subsp. *arenarius* Anderson = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird subsp. *consimilis* (Greene) 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 subsp. *nauseosa* 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 subsp. *nauseosa* var. *hololeuca* (A. Gray) Nesom & Baird
nauseosus (Pallas ex Pursh) Britton subsp. *graveolens* (Nuttall) Hall & Clements = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird subsp. *nauseosa* var. *graveolens* (Nuttall) Reveal & Schuyler
nauseosus (Pallas ex Pursh) Britton subsp. *junceus* (Greene) Hall = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird subsp. *consimilis* (Greene) Nesom & Baird var. *junceus* (Greene) Nesom & Baird
nauseosus (Pallas ex Pursh) Britton subsp. *latisquameus* (Gray) H. & S. = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird subsp. *nauseosa* var. *latisquamea* (A. Gray) Nesom & Baird
nauseosus (Pallas ex Pursh) Britton subsp. *nauseosus* = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird subsp. *nauseosa* var. *nauseosa*
nauseosus (Pallas ex Pursh) Britton subsp. *nitidus* Anderson [Anderson 1978] = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird subsp. *consimilis* (Greene) 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 subsp. *consimilis* (Greene) Nesom & Baird var. *arta* (A. Nelson) Nesom & Baird

nauseosus (Pallas ex Pursh) Britton subsp. *speciosus* (Nuttall) Hall & Clements = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird subsp. *nauseosa* var. *speciosa* (Nuttall) Nesom & Baird
nauseosus (Pallas ex Pursh) Britton subsp. *texensis* Anderson [Anderson 1980] = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird subsp. *nauseosa* var. *texensis* (L.C. Anderson) Nesom & Baird
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*
pulchellus (Gray) Greene subsp. *baileyi* (Wooton & Standley) Hall & Clements = *Ericameria pulchella* (Gray) L.C. Anderson subsp. *baileyi* (Wooton & Standley) L.C. Anderson
pulchellus (Gray) Greene subsp. *elatior* (Standley) Hall & Clements = *Ericameria pulchella* (Gray) L.C. Anderson subsp. *pulchella* var. *elatior* (Standley) L.C. Anderson
pulchellus (Gray) Greene subsp. *pulchellus* = *Ericameria pulchella* (Gray) L.C. Anderson subsp. *pulchella* var. *pulchella*
pulcherrimus A. Nelson = *Ericameria nauseosa* (Pallas ex Pursh) Nesom & Baird subsp. *nauseosa* var. *speciosa* (Nuttall) Nesom & Baird
spathulatus L.C. Anderson = *Ericameria spatulata* (L.C. Anderson) L.C. Anderson
vaseyi (Gray) Greene = *Ericameria vaseyi* (A. Gray) L.C. Anderson
viscidiflorus (Hooker) Nuttall subsp. *elegans* (Greene) Hall & Clements = *Ericameria viscidiflora* (Hooker) L.C. Anderson subsp. *lanceolata* (Nuttall) L.C. Anderson
viscidiflorus (Hooker) Nuttall subsp. *linifolius* (Greene) Hall & Clements = *Ericameria linifolia* (Greene) L.C. Anderson
viscidiflorus (Hooker) Nuttall subsp. *stenophyllus* (Gray) Hall & Clements = *Ericameria viscidiflora* (Hooker) L.C. Anderson subsp. *viscidiflora* var. *stenophylla* (A. Gray) L.C. Anderson
viscidiflorus (Hooker) Nuttall subsp. *viscidiflorus* = *Ericameria viscidiflora* (Hooker) L.C. Anderson subsp. *viscidiflora* var. *viscidiflora*

Cichorium

chicory

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

chicory

Cirsium

thistle

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.

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* [M&H; W&S]

Arizona thistle

Carduus arizonicus (Gray) Greene

Cnicus arizonicus Gray

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

Arizona thistle

Carduus bipinnatus (Eastwood) Heller

Cirsium bipinnatum (Eastwood) Rydberg

Cnicus drummondii Gray var. *bipinnatus* Eastwood

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

queen thistle

Cirsium chellyense Moore & Frankton

Cirsium chuskaense R.J. Moore

**arvense* (Linnaeus) Scopoli [M&H]

Canadian thistle

Serratula arvensis Linnaeus

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

calcareum (M.E. Jones) Wooton & Standley [M&H; W&S]

Cainville thistle

Carduus pulchellus Greene

Cirsium pulchellum (Greene) Wooton & Standley

canescens Nuttall [M&H]

prairie thistle

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. *scariosum*

drummondii Torrey & Gray var. *drummondii* = *Cirsium scariosum* Nuttall var. *scariosum*

gilense (Wooton & Standley) Wooton & Standley = *Cirsium parryi* (Gray) Petrak
grahamii Gray [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 [M&H; W&S]
 New Mexico thistle
Carduus neomexicanus (Gray) Greene
Cnicus neomexicanus (Gray) Gray
ochrocentrum Gray subsp. **ochrocentrum** [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]
 Martin's yellow-spine 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 [M&H; W&S]
 pale thistle
Carduus pallidus Wooton & Standley
parryi (Gray) Petrak [M&H; W&S]
 Parry's thistle
Carduus gilensis Wooton & Standley
Carduus inornatus 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 undulatum* (Nuttall) Sprengel
pulchellum (Greene) Wooton & Standley = *Cirsium calcareum* (M.E. Jones) Wooton & Standley
scariosum Nuttall var. **coloradense** (Rydberg) Keil [M&H; W&S]
 meadow thistle
Cirsium coloradense (Rydberg) Cockerell
scariosum Nuttall var. **scariosum** [M&H; W&S]
 meadow thistle
Carduus acaulescens (Gray) Rydberg
Carduus drummondii (Torrey & Gray) Coville
Carduus drummondii (Torrey & Gray) Coville var. *acaulescens* (Gray) Coville
Cirsium acaulescens (Gray) K. Schumann
Cirsium drummondii Torrey & Gray
Cirsium drummondii Torrey & Gray var. *acaulescens* (Gray) Macbride
Cirsium foliosum (Hooker) A.P. de Candolle
scopulorum (Greene) Cockerell ex Daniels [Spellenberg et al. 1986]
 Rocky Mountain thistle
Carduus scopulorum Greene
texanum Buckley [Worthington 2004]
 Texas thistle
undulatum (Nuttall) Sprengel [M&H; W&S]
 wavy-leaf thistle
Carduus megacephalus (Gray) A. Nelson
Carduus undulatus Nuttall
Cirsium megacephalum (Gray) Cockerell
Cirsium perennans (Greene) Wooton & Standley
Cnicus undulatus (Nuttall) Gray var. *megacephalus* Gray
Cnicus undulatus (Nuttall) Gray
+vinaceum (Wooton & Standley) Wooton & Standley [M&H; W&S]
 Sacramento Mountain thistle
Carduus vinaceus Wooton & Standley
***vulgare** (Savi) Tenore [M&H]
 bull thistle
Carduus vulgaris Savi
Cirsium lanceolatum (Linnaeus) Scopoli
wheeleri (Gray) Petrak [M&H; W&S]
 Wheeler's thistle

- Cnicus wheeleri* Gray
wrightii Gray [M&H; W&S]
 Wright's thistle
Carduus wrightii (Gray) Heller
Cnicus wrightii Gray
Clappia suaedifolia sensu W&S = *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
undulatus (Nuttall) Gray var. *megacephalus* Gray = *Cirsium undulatum* (Nuttall) Sprengel
wheeleri Gray = *Cirsium wheeleri* (Gray) Petrak
wrightii Gray = *Cirsium wrightii* (Gray) Gray
Coelestina sclerophylla Wooton & Standley = *Ageratum corymbosum* Zuccarini
Coleosanthus ambigens Greene = *Brickellia fendleri* Gray
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*
laciniatus (Gray) Kuntze = *Brickellia laciniata* Gray
linifolius (D.C. Eaton) Kuntze = *Brickellia oblongifolia* Nuttall var. *linifolia* (D.C. Eaton) Robinson
modestus Greene : Belongs in *Brickellia*; 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
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.
greggii (Gray) Small [M&H; W&S]
 mist-flower
Conoclinium dissectum Gray
Eupatorium dissectum Gray
Eupatorium greggii 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
ramosissima Cronquist [Spellenberg et al. 1986]
 dwarf horseweed
schiedeana (Lessing) Cronquist = *Laennecia schiedeana* (Lessing) Nesom
sophiifolia Kunth = *Laennecia sophiifolia* (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] : Reported by M&H,
 but this taxon is found in the Pacific Northwest and our material is referred to *Coreopsis tinctoria* Nuttall var. *tinctoria*.

- basalis* (Otto & Dietrich) Blake var. *wrightii* (Gray) Blake = *Coreopsis wrightii* (Gray) H.M. Parker
californica (Nuttall) Sharsmith var. **newberryi** (Gray) E.B. Smith [Spellenberg et al. 1993]
 Californica tickseed
- cardaminifolia* (A.P. de Candolle) Torrey & Gray = *Coreopsis tinctoria* Nuttall
drummondii (D. Don) Torrey & Gray var. *wrightii* Gray = *Coreopsis wrightii* (Gray) H.M. Parker
grandiflora Hogg ex Sweet var. **harveyana** (Gray) Sherff [M&H]
 large-flower tickseed
- lanceolata** Linnaeus [M&H]
 lance-leaf tickseed
- tinctoria* Nuttall var. *atkinsoniana* (Douglas ex Lindley) H.M. Parker ex E.B. Small : reported without documentation by Kartesz (1999);
 awaits verification.
- tinctoria** Nuttall var. **tinctoria** [M&H]
 golden tickseed
Coreopsis cardaminifolia (A.P. de Candolle) Torrey & Gray
Calliopsis cardaminifolia A.P. de Candolle
- wrightii** (Gray) H.M. Parker [Sherff 1955]
 rock tickseed, Wright's tickseed
Coreopsis basalis (Otto & Dietrich) Blake var. *wrightii* (Gray) Blake
Coreopsis drummondii (D. Don) Torr. & Gray var. *wrightii* Gray
- Cosmos** cosmos
***bipinnatus** Cavanilles [M&H]
 garden cosmos
- parviflorus** (Jacquin) Humboldt, Bonpland, & Kunth [M&H; W&S]
 southwestern cosmos
- Cotula** water-buttons
 Allred, K.W. 1999. New plant distribution records. The New Mexico Botanist 11:8. [*Cotula australis*]
***australis** (Siebold ex Sprengel) Hooker f. [Allred 1999]
 Australian water-buttons
- 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 Wootton & 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 Wootton & 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** (James) Torrey & Gray var. **glauca** (Nuttall) Boivin [M&H; W&S]
 fiddle-leaf hawk's beard
Crepis chamaephylla Wootton & Standley
Crepis glauca (Nuttall) Torrey & Gray
Crepis runcinata Torrey & Gray subsp. *glauca* (Nuttall) Babcock & Stebbins
- runcinata** (James) Torrey & Gray var. **runcinata** [M&H; W&S]
 fiddle-leaf hawk's beard
Crepis neomexicana Wootton & 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

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. ***asteroids*** [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. *latifolia* Gray

Machaeranthera simplex Wooton & Standley

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 : 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

Dracopis amplexicaulis (Vahl) Cassini = *Rudbeckia amplexicaulis* Vahl

Dugaldea 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.

pallida (Nuttall) Nuttall var. **angustifolia** (A.P. de Candolle) Cronquist [M&H]

purple coneflower

Brauneria angustifolia (A.P. de Candolle) Heller

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

exaristata (Gray) Gray = *Simsia lagascaeformis* A.P. de Candolle

frutescens Gray var. **virginensis** (A. Nelson) Blake [M&H]

Virgin River brittlebush

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 rabbitbrush

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. *Southwestern 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.

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

cliff heath-goldenrod

Bigelovia spathulata Gray

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

depressa (Nuttall) L.C. Anderson [Anderson 1986; M&H; W&S]

long-flower rabbitbrush

Chrysothamnus depressus Nuttall

filifolia (Rydberg) L.C. Anderson [Anderson 1986; M&H; W&S]

Greene's rabbitbrush

Bigelovia greenei Gray

Chrysothamnus filifolius Rydberg

Chrysothamnus greenei (Gray) Greene subsp. *filifolius* (Rydberg) Hall & Clements

Chrysothamnus greenei (Gray) Greene subsp. *greenei*

Ericameria greenei (Gray) Nesom

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

turpentine bush

Chrysoma laricifolia (Gray) Greene

Haplopappus laricifolius Gray

linifolia (Greene) L.C. Anderson [Anderson 1986; M&H; W&S]
spear-leaf rabbitbrush
Chrysothamnus linifolius Greene
Chrysothamnus viscidiflorus (Hooker) Nuttall subsp. *linifolius* (Greene) Hall & Clements

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 subsp. *consimilis* (Greene) 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 subsp. *consimilis* (Greene) Nesom & Baird var. *arta* (A. Nelson) Nesom & Baird [Anderson 1986; M&H]
rubber rabbitbrush
Ericameria nauseosa (Pallas ex Pursh) Nesom & Baird var. *oreophila* (Greene) Nesom & Baird
Chrysothamnus nauseosus (Pallas ex Pursh) Britton subsp. *pinifolius* (Greene) Hall & Clements
Chrysothamnus pinifolius Greene

nauseosa (Pallas ex Pursh) Nesom & Baird subsp. *consimilis* (Greene) Nesom & Baird var. *juncea* (Greene) Nesom & Baird [M&H]
rubber rabbitbrush
Chrysothamnus junceus Greene
Chrysothamnus nauseosus (Pallas ex Pursh) Britton subsp. *junceus* (Greene) Hall

nauseosa (Pallas ex Pursh) Nesom & Baird subsp. *consimilis* (Greene) 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 subsp. *consimilis* (Greene) Nesom & Baird var. *turbinata* (M.E. Jones) Nesom [Heil et al. 2002]
rubber rabbitbrush

nauseosa (Pallas ex Pursh) Nesom & Baird subsp. *nauseosa* 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. *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.
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. *oreophila* (Greene) Nesom & Baird = *Chrysothamnus nauseosa* (Pallas ex Pursh) Nesom & Baird subsp. *consimilis* (Greene) Nesom & Baird var. *arta* (A. Nelson) Nesom & Baird

nauseosa (Pallas ex Pursh) Nesom & Baird var. *speciosa* (Nuttall) Nesom & Baird [M&H; W&S]
rubber rabbitbrush
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

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
pulchella (Gray) L.C. Anderson subsp. **baileyi** (Wooton & Standley) L.C. Anderson [Anderson 1986; M&H; W&S]
 Bailey's rabbitbrush
Chrysothamnus baileyi Wooton & Standley
Chrysothamnus pulchellus (Gray) Greene subsp. *baileyi* (Wooton & Standley) Hall & Clements
pulchella (Gray) L.C. Anderson var. **elatior** (Standley) L.C. Anderson [M&H; W&S]
 southwestern rabbitbrush
Chrysothamnus elatior Standley
Chrysothamnus pulchellus (Gray) Greene subsp. *elatior* (Standley) Hall & Clements
pulchella (Gray) L.C. Anderson var. **pulchella** [Anderson 1986; M&H; W&S]
 southwestern rabbitbrush
Bigelovia pulchella Gray
Chrysothamnus pulchellus (Gray) Greene subsp. *pulchellus*
Linogyne pulchella Gray
spathulata (L.C. Anderson) L.C. Anderson [Anderson 1986]
 Guadalupe rabbitbrush
Chrysothamnus spathulatus L.C. Anderson
Chrysothamnus viscidiflorus (Nuttall) Hooker subsp. *ludens* Shinnars
vaseyi (A. Gray) L.C. Anderson [Anderson 1986; M&H; W&S]
 Vasey's rabbitbrush
Bigelovia vaseyi Gray
Chrysothamnus vaseyi (Gray) Greene
viscidiflora (Hooker) L.C. Anderson subsp. **lanceolata** (Nuttall) L.C. Anderson [Anderson 1986; M&H; W&S]
 green rabbitbrush
Chrysothamnus elegans Greene
Chrysothamnus viscidiflorus (Hooker) Nuttall subsp. *elegans* (Greene) Hall & Clements
 viscidiflora (Hooker) L.C. Anderson var. *stenophylla* (A. Gray) L.C. Anderson : Reported by M&H, but Anderson (1995) considers this a
 sporadic northern form of the widespread *E. viscidiflora*, and not occurring in NM.
Bigelovia douglasii Gray var. *stenophylla* Gray
Chrysothamnus stenophyllus (Gray) Greene
Chrysothamnus viscidiflorus (Hooker) Nuttall subsp. *stenophyllus* (Gray) Hall & Clements
viscidiflora (Hooker) L.C. Anderson var. **viscidiflora** [Anderson 1986; M&H; W&S]
 green rabbitbrush
Chrysothamnus glaucus A. Nelson
Chrysothamnus serrulatus Rydberg
Chrysothamnus viscidiflorus (Hooker) Nuttall subsp. *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*]
 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 abajoensis*]
 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. 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. **asteroides** (Andrzejowski ex Besser) A.P. de Candolle [Hartman 2003]

bitter fleabane

annuus (Linnaeus) Persoon [Allred 1999]

eastern fleabane

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*

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

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*

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 [Heil et al. 2002]

San Rafael fleabane

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

coulteri Porter [M&H; W&S]

Coulter's fleabane

delphinifolius Willdenow subsp. *neomexicanus* (Gray) Cronquist = *Erigeron neomexicanus* Gray

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
eastwoodiae Wooton & Standley = *Erigeron bellidiastrum* Nuttall var. *bellidiastrum*
eatonii Gray [Heil et al. 2002; W&S]
 Eaton's fleabane
elatiior (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 superbis 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
formosissimus Greene [M&H; W&S]
 beautiful fleabane
Erigeron deminutus Wooton & Standley
Erigeron formosissimus Greene var. *typicus* Cronquist
Erigeron formosissimus Greene var. *viscidus* (Rydberg) Cronquist
Erigeron mogollonicus Greene
Erigeron pecosensis Standley
Erigeron smithii Rydberg
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
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
nematophyllus Rydberg : Reported by W&S, but restricted to southern Wyoming and northern Utah and Colorado; NM plants are referred to *Erigeron sivinskii* Nesom
neomexicanus Gray [M&H; W&S]

New Mexico fleabane
Erigeron delphinifolius Willdenow subsp. *neomexicanus* (Gray) Cronquist
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 stenophyllus Torrey
Erigeron wyomingia Rydberg
Wyomingia cinerea A. Nelson
Wyomingia pulcherrima A. Nelson
pulcherrimus Heller var. *wyomingia* (Rydberg) Cronquist = *Erigeron pulcherrimus* Heller var. *pulcherrimus*
pumilus Nuttall subsp. *concinoides* Cronquist = *Erigeron concinnus* (Hooker & Arnott) Torrey & Gray
pumilus Nuttall var. **pumilus** [Nesom 1992]
pygmy fleabane
rhizomatus Cronquist [M&H]
Cronquist's fleabane
rudis Wooton & Standley = *Erigeron vreelandii* Greene
rusbyi Gray [M&H; W&S]
Rusby's fleabane
+**rybius** Nesom [Nesom 1982]
Sacramento Mt. fleabane
salsuginosus (Richardson) Gray = *Erigeron glacialis* (Nuttall) A. Nelson var. *glacialis*
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
sivinskii Nesom [Nesom 1991]
Sivinski's fleabane
smithii Rydberg = *Erigeron formosissimus* Greene
speciosus (Lindley) A.P. de Candolle var. **macranthus** (Nuttall) Cronquist [M&H; W&S]
aspen fleabane
Erigeron leiophyllus Greene
Erigeron macranthus Nuttall
speciosus (Lindley) A.P. de Candolle var. **speciosus** [M&H; W&S]
aspen fleabane
Erigeron speciosus (Lindley) A.P. de Candolle var. *typicus* Cronquist
stenophyllus Gray = *Erigeron pulcherrimus* Heller var. *pulcherrimus*
+**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
superbus Greene ex Rydberg = *Erigeron eximius* Greene
tonsus Wooton & Standley = *Erigeron flagellaris* Gray
tracyi Greene [M&H; W&S]
Colorado fleabane
Erigeron colomexicanus A. Nelson
uniflorus auct. = *Erigeron simplex* Greene

ursinus D.C. Eaton [Spellenberg et al. 1986]
 Bear River fleabane

sparsiflorus Eastwood [M&H; W&S]
 canyon fleabane
Erigeron utahensis Gray var. *sparsiflorus* (Eastwood) Cronquist

tracyi Greene [M&H]
 running fleabane
Erigeron colomexicanus A. Nelson
Erigeron divergens Torrey & Gray var. *cinereus* Gray

utahensis Gray var. *sparsiflorus* (Eastwood) Cronquist = *Erigeron sparsiflorus* 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 [Allred 1999]
 Easter-bonnets

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 = *Eupatorium maculatum* Linnaeus
fendleri (Gray) Gray = *Brickellia fendleri* Gray
greggii Gray = *Conoclinium greggii* (Gray) Small
herbaceum (Gray) Greene = *Ageratina herbacea* (Gray) R.M. King & H.E. Robinson

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

pycnocephalum Lessing [M&H]
 lavender thoroughwort

rothrockii Gray = *Ageratina rothrockii* (Gray) R.M. King & H.E. Robinson

solidaginifolium Gray [M&H; W&S]
 shrubby thoroughwort
Koanophyllum solidaginifolium (Gray) R.M. King & H.E. Robinson

wrightii Gray = *Ageratina wrightii* (Gray) R.M. King & H.E. Robinson

Eurybia 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) Nesom var. **glauca** [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
Herrickia glauca (Nuttall) Brouillet

horrida (Wooton & Standley) Nesom [M&H; W&S]

- Wooton's wood-aster
Aster horridus (Wooton & Standley) Blake
Herrickia horrida Wooton & 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
- Evax** 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*]
multicaulis A.P. de Candolle = *Evax verna* Rafinesque
Filaginopsis multicaulis Torrey & Gray
prolifera Nuttall ex A.P. de Candolle [Hershey & Leyendecker 1944; Spellenberg 1984]
 big-head cudweed
Filago prolifera (Nuttall) Britton
verna Rafinesque [M&H; W&S]
 spring cudweed
Evax multicaulis A.P. de Candolle
Filaginopsis multicaulis Torrey & Gray = *Evax multicaulis* A.P. de Candolle
- Filago** cotton-rose
californica Nuttall [Spellenberg et al. 1986]
 California cotton-rose
prolifera (Nuttall) Britton = *Evax prolifera* Nuttall
- 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 [M&H]
trinervia (Sprengel) C. Mohr [M&H; W&S]
 clustered yellowtops
Flaveria repanda Lagasca
Oedera trinervia Sprengel
- 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
tomentosa Gray = *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.
 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 = *Gaillardia pinnatifida* Torrey
neomexicana A. Nelson = *Gaillardia pulchella* Fougeroux
pinnatifida Torrey [M&H; W&S]
 red-dome blanket-flower
Gaillardia multiceps Greene
pulchella Fougeroux [M&H; W&S]
 firewheel
Gaillardia neomexicana A. Nelson
- Galinsoga** gallant soldier
 ciliata (Rafinesque) Blake : 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. *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.

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) A. Anderberg [Nesom 2004]

rosy everlasting

rosacea (I.M. Johnston) A. Anderberg : Erroneously reported by Allred (2004); the specimen corrected to *Gamochaeta stagnalis* (I.M.

Johnston) A. Anderberg by Nesom (2004).

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

viridulum I. M. Johnston = *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

strictum Gray = *Gnaphalium exilifolium* A. Nelson

stramineum Humboldt, Bonpland, & Kunth = *Pseudognaphalium stramineum* (Kunth) W.A. Weber

sulphurescens Rydberg = *Pseudognaphalium stramineum* (Kunth) 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.

Wetter, M.A. 1986. *Grindelia*, pp. 943-945. IN: Great Plains Flora Association. Flora of the Great Plains. University Press of Kansas.

acutifolia Steyermark [M&H]

sharp-leaf gumweed

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

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

Arizona gumweed

Grindelia arizonica Gray var. *dentata* Steyermark

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 [M&H; Nesom 1990]

Arizona gumweed

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

reclined gumweed

Grindelia subincisa Greene

hvardii Steyermark [M&H]

Havard's gumweed

laciniata Rydberg [Allred 1999]

cut-leaf gumweed

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

nuda Wood var. **aphanactis** (Rydberg) Nesom [M&H; W&S]

curly-top gumweed
Grindelia aphanactis Rydberg
Grindelia pinnatifida Wooton & Standley

nuda Wood var. **nuda** [M&H]
curly-top gumweed
Grindelia nuda Wood
Grindelia squarrosa (Pursh) Dunal var. *nuda* (Wood) Gray

papposa Nesom & Suh [M&H]
Spanish gold
Haplopappus ciliatus (Nuttall) A.P. de Candolle
Prionopsis ciliata Nuttall
pinnatifida Wooton & Standley = *Grindelia nuda* Wood var. *aphanactis* (Rydberg) Nesom
scabra Greene var. *neomexicana* (Wooton & Standley) Steyermark = *Grindelia arizonica* Gray var. *neomexicana* (Wooton & Standley) Nesom

revoluta Steyermark [Wetter 1986]
rolled gumweed

scabra Greene var. **scabra** [M&H; W&S]
rough gumweed
serrulata Rydberg = *Grindelia squarrosa* (Pursh) Dunal var. *serrulata* (Rydberg) Steyermark
setulifera Wooton & Standley = *Grindelia arizonica* Gray var. *arizonica*
squarrosa (Pursh) Dunal var. *nuda* (Wood) Gray = *Grindelia nuda* Wood var. *nuda*
squarrosa (Pursh) Dunal var. **serrulata** (Rydberg) Steyermark [M&H; W&S]
curly-cup gumweed
Grindelia serrulata Rydberg

squarrosa (Pursh) Dunal var. **squarrosa** [M&H; W&S]
curly-cup gumweed
Donia squarrosa Pursh
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.
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
glutinosa (Schauer) Schultz-Bipontinus [= *Gutierrezia texana* (A.P. de Candolle) Torrey & Gray var. *glutinosa* (Schauer) M.A. Lane] : Lane (1985) excluded this taxon sensu stricto from NM; the report by M&H included *Gutierrezia sphaerocephala* Gray (q.v.) in synonymy.
juncea Greene = *Gutierrezia sarothrae* (Pursh) Britton & Rusby
longifolia Greene = *Gutierrezia sarothrae* (Pursh) Britton & Rusby

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

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 = *Gutierrezia glutinosa* (Schauer) Schultz-Bipontinus

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

Wright's snakeweed

Xanthocephalum wrightii (A. Gray) A. Gray

Gymnolomia annua B.L. Robinson & J.L. Greenman = *Viguiera annua* (M.E. Jones) Blake

brevifolia Greene ex Wootton & Standley = *Viguiera multiflora* (Nuttall) S.F. Blake

ciliata (B.L. Robinson & J.L. Greenman) Rydberg = *Viguiera ciliata* (B.L. Robinson & J.L. Greenman) Blake

longifolia B.L. Robinson & J.L. Greenman = *Viguiera longifolia* (B.L. Robinson & J.L. Greenman) Blake

multiflora (Nuttall) Bentham & Hooker = *Viguiera multiflora* (Nuttall) Blake

multiflora (Nuttall) Bentham & Hooker var. *annua* M.E. Jones = *Viguiera annua* (M.E. Jones) Blake

tenuifolia (Gray) Bentham & 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

glutinosa (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

ciliatus (Nuttall) A.P. de Candolle = *Grindelia papposa* Nesom & Suh

croceus Gray = *Pyrocoma crocea* (Gray) Greene

cuneatus Gray var. *spatulatus* (Gray) Blake = *Ericameria cuneata* (Gray) McClatchie var. *spatulata* (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* (Wootton & Standley) Morgan & Hartman

heterophyllum (Gray) Blake = *Isocoma pluriflora* (Torrey & Gray) Greene

laricifolius Gray = *Ericameria laricifolia* (Gray) Shinnors

microcephalus Cronquist = *Tonestus microcephalus* (Cronquist) Nesom & Morgan

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* (Wootton & 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

Helenium sneezeweed

Bierner, M. 1972. Taxonomy of *Helenium* sect. *Tetradus* 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: Gaillardiniaceae). *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 = *Helianthemum autumnale* Linnaeus var. *montanum* (Nuttall) Fernald

Helianthella dwarf sunflower

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

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) Wootton & Standley = *Helianthus niveus* (Bentham) Brandegees subsp. *canescens* (Gray) Heiser

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

Texas blueweed

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].

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

×*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.

maximiliani Schrader [Heil et al. 2002]

Michaelmas daisy, Maximilian sunflower

neglectus Heiser [M&H]

neglected sunflower

neomexicanus Wootton & Standley = *Helianthus tuberosus* Linnaeus [Heiser et al. 1969]

niveus (Bentham) Brandegees subsp. *canescens* (Gray) Heiser [M&H; W&S]

showy sunflower

Helianthus canus (Britton) Wootton & Standley

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 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 = *Helinthea quinquenervis* (Hooker) Gray
rigidus (Cassini) Desfontaines subsp. ***subrhomboideus*** (Rydberg) Heiser [M&H; W&S]
 stiff sunflower
Helianthus laetiflorus Persoon var. *subrhomboideus* (Rydberg) Fernald
Helianthus scaberrimus Bentham var. *subrhomboideus* (Rydberg) Farwell
Helianthus subrhomboideus Rydberg
subrhomboideus Rydberg = *Helianthus rigidus* (Cassini) Desfontaines subsp. *subrhomboideus* (Rydberg) Heiser
tuberosus Linnaeus [M&H; W&S]
 Jerusalem artichock
Helianthus neomexicanus Wooton & Standley [Heiser et al. 1969]
Heliomeris hispida (Gray) Cockerell = *Viguiera ciliata* (B.L. Robinson & J.L. Greenman) Blake
longifolia (B.L. Robinson & J.L. Greenman) Cockerell = *Viguiera longifolia* (B.L. Robinson & J.L. Greenman) Blake
multiflora Nuttall = *Viguiera multiflora* (Nuttall) S.F. Blake
Heliopsis oxeye
 Fisher, T.R. 1957. Taxonomy of genus *Heliopsis* (Compositae). Ohio J. Sci. 57:171-191.
helianthoides (Linnaeus) Sweet subsp. ***occidentalis*** Fisher [Fisher 1957]
 smooth oxeye
parvifolia Gray [Fisher 1957; M&H]
 mountain oxeye
 scabra Dunal [= *Heliopsis helianthoides* (Linnaeus) Sweet subsp. *scabra* (Dunal) Fisher] : Reported by W&S and M&H, but this taxon occurs eastward.
Heliopsis helianthoides (Linnaeus) Sweet var. *scabra* (Dunal) Fernald
Herrickia glauca (Nuttall) Brouillet = *Eurybia glauca* (Nuttall) Nesom
horrida Wooton & Standley = *Eurybia horrida* (Wooton & Standley) Nesom
Heteropleura fendleri (Schultz-Bipontinus) Rydberg = *Hieracium fendleri* Schultz-Bipontinus var. *fendleri*
Heterosperma wingpetal
pinnatum Cavanilles [M&H; W&S]
 wingpetal
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.
 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) Shinnners 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., 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) Shinnners [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) Shinnners var. ***amplifolia*** (Rydberg) Semple [Semple 1996; W&S]
 green camphorweed
Chrysopsis nitidula Wooton & Standley
fulcrata (Greene) Shinnners var. ***arizonica*** Semple [Semple 1996]
 Arizona camphorweed
fulcrata (Greene) Shinnners 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) Shinnners var. ***senilis*** (Wooton & Standley) Semple [M&H; Semple 1996 W&S]
 green camphorweed
Chrysopsis senilis Wooton & Standley
latifolia Buckley = *Heterotheca subaxillaris* (Lamarck) Britton & Rusby
latifolia Buckley var. *macgregoris* Wagenknecht = *Heterotheca subaxillaris* (Lamarck) Britton & Rusby
psammophila Wagenknecht = *Heterotheca subaxillaris* (Lamarck) Britton & Rusby

- stenophylla* (A. Gray) Shinnery var. *angustifolia* (Rydberg) Semple [Semple 1996]
stiff-leaf golden-aster
- stenophylla* (A. Gray) Shinnery var. *stenophylla* [Semple 1996]
stiff-leaf golden-aster
- subaxillaris* (Lamarck) Britton & Rusby [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) Shinnery var. *foliosa* (Nuttall) Harms [Semple 1996]
hairy golden-aster
Chrysopsis foliosa Nuttall
- villosa* (Pursh) Shinnery var. *horrida* (Hooker) Semple = *Heterotheca villosa* (Pursh) Shinnery var. *nana* (A. Gray) Semple
- villosa* (Pursh) Shinnery 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) Shinnery var. *nana* (A. Gray) Semple [M&H; Semple 1996]
hairy golden-aster
Chrysopsis horrida Rydberg
- villosa* (Pursh) Shinnery var. *pedunculata* (Greene) Harms ex Semple [Semple 1996]
hairy golden-aster
- villosa* (Pursh) Shinnery var. *scabra* (A. Eastwood) Semple [Semple 1996]
hairy golden-aster
- +*villosa* (Pursh) Shinnery var. *sierrablancensis* Semple [Semple 1996]
Sierra Blanca golden-aster
- villosa* (Pursh) Shinnery 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.
- brevipilum* Greene = *Hieracium fendleri* Schultz-Bipontinus var. *mogollonense* Gray
- carneum* Greene [M&H; W&S]
Huachuca hawkweed
- crepidospermum* Fries [Beaman 1990; Allred 1999]
hawkweed
- fendleri* Schultz-Bipontinus var. *fendleri* [M&H; W&S]
Fender's hawkweed
Heteropleura fendleri (Schultz-Bipontinus) Rydberg
- fendleri* Schultz-Bipontinus var. *mogollonense* Gray [M&H; W&S]
Mogollon hawkweed
Hieracium brevipilum Greene
- gracile* Hooker = *Hieracium triste* Willdenow ex Sprengel var. *gracile* (Hooker) Gray
- lemmonii* Gray [M&H; W&S]
Lemmon's hawkweed
- pringlei* Gray [M&H; W&S]
Pringle's hawkweed
- rusbyi* Greene [M&H; W&S]
Rusby's hawkweed
- triste* Willdenow ex Sprengel var. *gracile* (Hooker) Gray [M&H]
alpine hawkweed
Hieracium gracile Hooker

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
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
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
mexicanus Gray [M&H; Turner 1956; W&S]
 Mexican woollywhite
Hymenopappus integer Greene
Rothia mexicana (Gray) Kuntze
newberryi (Gray) I.M. Johnston [M&H; Turner 1956; W&S]
 Newberry's woollywhite
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 woollywhite
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
+ambigens (S.F. Blake) Bierner var. **neomexicana** Wagner [Wagner 1979; Wagner et al. 1999]
 New Mexico rubberweed
Plummera ambigens of New Mexicoi 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 = *Tetraneuris brandegeei* (Porter ex Gray) Parker
cockerellii Wooton & Standley = *Hymenoxys odorata* A.P. de Candolle
floribunda (Gray) Cockerell = *Hymenoxys richardsonii* (Hooker) Cockerell var. *floribunda* (Gray) Parker
helenioides (Rydberg) Cockerell [Heil et al. 2002; O'Kane 1988] Note: This plant is perhaps of only sporadic hybrid origin, not stabilized, and not worthy of formal recognition.
 hybrid 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]

Rincon rubberweed

Hymenoxys cooperi (Gray) Cockerell subsp. *grayi* Cockerell

richardsonii (Hooker) Cockerell var. **floribunda** (Gray) Parker [M&H; W&S]

pingue, Colorado rubberweed

Hymenoxys olivacea Cockerell

Actinella richardsonii (Hooker) Nuttall var. *floribunda* (Hooker) Gray

Hymenoxys metcalfei Cockerell

richardsonii (Hooker) Cockerell var. **richardsonii** [W&S]

pingue, Colorado rubberweed

Actinella richardsonii (Hooker) Nuttall

Hymenoxys macrantha (A. Nelson) Rydberg

Picardenia richardsonii Hooker

rusbyi (Gray) Cockerell [M&H; W&S]

Rusby's rubberweed

Actinella rusbyi (Gray) Rydberg

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. *linearis* (Nuttall)

Parker

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

scaposa (A.P. de Candolle) Parker var. *villosa* Shinnery = *Tetraneuris scaposa* (A.P. de Candolle) Greene var. *villosa* (Shinnery) Shinnery

vaseyi (Gray) Cockerell [M&H; W&S]

Vasey's rubberweed

Actinella vaseyi Gray

Picradenia vaseyi (Gray) Greene

Hypochaeris 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 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]
shrine Jimmyweed
Haplopappus tenuisectus (Greene) Blake
wrightii (Gray) Wootton & 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
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
- Krigia** dwarf dandelion
Kim, K.-J. & B.L. Turner. 1992. Systematic overview of *Krigia* (Asteraceae-Lactuceae). Brittonia 44:173-198.
biflora (Walter) Blake var. *biflora* : Reported without documentation by Kartesz (1999); awaits verification
biflora (Walter) Blake var. **viridis** (Standley) Kim [M&H; W&S]
dwarf dandelion
Cynthia viridis Standley
- Kuhnia eupatorioides** Linnaeus var. *chlorolepis* (Wootton & Standley) Cronquist = *Brickellia eupatorioides* (Linnaeus) Shinnery var. *chlorolepis* (Wootton & 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.
- Laciniaria lancifolia** Greene = *Liatris lancifolia* (Greene) Kittell
ligulistylis A. Nelson = *Liatris ligulistylis* (A. Nelson) K. Schumann
punctata (Hooker) Kuntze = *Liatris punctata* Hooker
- Lactuca** lettuce
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.
Vuilleumier, B. S. 1973. The genera of Lactuceae (Compositae) in the southeastern United States. J. Arnold Arboretum 54: 42-93. [*Lactuca saligna*]
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
pulchella (Pursh) A.P. de Candolle = *Lactuca tatarica* (Linnaeus) C.A. Meyer subsp. *pulchella* (Pursh) Stebbins
***saligna** Linnaeus [Vuilleumier 1973]
willow-leaf lettuce
**sativa* Linnaeus : reported without documentation by Kartesz (1999); awaits verification.
serriola Linnaeus forma *integrifolia* Bogechn. = *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
tatarica (Linnaeus) C.A. Meyer subsp. **pulchella** (Pursh) Stebbins [M&H; W&S]
blue lettuce
Lactuca pulchella (Pursh) A.P. de Candolle
- 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
Erigeron schiedeanus Lessing
Leptilon integrifolium Wooton & Standley
- sophiifolia** (Kunth) Nesom [M&H]
cut-leaf woolwort
Conyza coulteri Gray var. *tenuisecta* Gray
Conyza sophiifolia Kunth
Eschenbachia tenuisecta (Gray) Wooton & Standley
- Laphamia cernua* Greene = *Perityle cernua* (Greene) Shinnery
quinqueflora Steyermark = *Perityle quinqueflora* (Steyermark) Shinnery
staurophylla Barneby = *Perityle staurophylla* (Barneby) Shinnery var. *staurophylla*
- 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
californica A.P. de Candolle ex Lindley [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
California goldfields
Baeria chrysostoma Fischer & C.A. Meyer var. *gracilis* (A.P. de Candolle) Hall
- 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.
seemannii (Schultz-Bipontinus) Nesom [M&H; W&S]
Seemann's sunbonnets
Chaptalia alsophila Greene
- Leontodon** hawkbit
Sivinski, R. 2001. New plant distribution records. The New Mexico Botanist 19:3. [*Leontodon taraxacoides*]
***taraxacoides** (Villars) Méral subsp. **taraxacoides** [Sivinski 2001]
lesser hawkbit
- 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]
Burgess'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
- Liatriis** gayfeather

- Gaiser, L.O. 1946. The genus *Liatrix*. *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 [Gaiser 1946]
dotted gayfeather
- punctata*** Hooker var. ***punctata*** [Gaiser 1946; M&H; W&S]
dotted gayfeather
Laciniaria punctata (Hooker) Kuntze
- 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
- Lygodesmia*** skeleton-plant
- 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.
- arizonica*** Tomb [Tomb 1980]
Arizona skeleton-plant
- exigua* Gray = *Prenanthes exigua* (Gray) Rydberg
- grandiflora*** (Nuttall) Torrey & Gray [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
- 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
- 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
- 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
- bigelovii* (Gray) Greene var. *bigelovii* = *Dieteria bigelovii* (Gray) Morgan & Hartman
- blephariphylla* (Gray) Shinnars = *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 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. *canescens* [= *Dieteria canescens* (Pursh) Nuttall] : Not known from NM according to Turner (1987).
- 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
- 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) Shinnars = *Xanthisma gracile* (Nuttall) Morgan & Hartman
- grindeloides* (Nuttall) Shinnars = *Xanthisma grindeloides* (Nuttall) Morgan & Hartman
- gymnocephala* auct. non (A.P. de Candolle) Shinnars = *Xanthisma blephariphyllum* (Gray) Morgan & Hartman
- gypsitherma* Nesom, Vorobik, & Hartman = *Arida blepharophylla* (Gray) Morgan & Hartman

- gyssophila* B.L. Turner = *Xanthisma gyssophilum* (B.L. Turner) Morgan & Hartman
linearis Greene = *Dieteria canescens* (Pursh) Nuttall var. *glabra* (Gray) Morgan & Hartman
parviflora Gray = *Arida parviflora* (Gray) Morgan & Hartman
pinnatifida (Hooker) Shinnery var. *chihuahuana* B.L. Turner & Hartman = *Xanthisma spinulosum* (Pursh) Morgan & Hartman var. *chihuahuanum* (Turner & Hartman) Morgan & Hartman
pinnatifida (Hooker) Shinnery var. *glaberrima* (Rydberg) Turner & Hartman = *Xanthisma spinulosum* (Pursh) Morgan & Hartman var. *glaberrimum* (Rydberg) Morgan & Hartman
pinnatifida (Hooker) Shinnery var. *pinnatifida* = *Xanthisma spinulosum* (Pursh) Morgan & Hartman var. *spinulosum*
pygmaea (Gray) Wootton & Standley = *Arida parviflora* (Gray) Morgan & Hartman
riparia (Kunth) A.G. Jones = *Arida riparia* (Kunth) Morgan & Hartman
simplex Wootton & 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
Machaeranthera humilis Standley
Machaeranthera 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
Machaeranthera coronopifolia (Nuttall) A. Nelson
tanacetifolia (Humboldt, Bonpland, & Kunth) Nees var. *humilis* Gray = *Machaeranthera tagetina* Greene
tephrodes (Gray) Greene = *Dieteria asteroides* Torrey
viscida (Wootton & Standley) Hartman = *Xanthisma viscidum* (Wootton & Standley) Morgan & Hartman
viscosa (Nuttall) Greene = *Dieteria canescens* (Pursh) Nuttall var. *canescens*; the Cockerell specimen cited in W&S for NM belongs to var. *glabra* (Gray) Morgan & Hartman [Turner 1987].
- Madia** tarplant
glomerata Hooker [M&H; W&S]
 mountain tarplant
- Malacothrix** desert-dandelion
 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
- 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
 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
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
Microseris cuspidata (Pursh) Schultz-Bipontinus
Torximon cuspidatum Pursh
- Oligoneuron** goldenrod

- Nesom, G.L. 1993. Taxonomic infrastructure of *Solidago* and *Oligoneuron* (Asteraceae: Astereae) and observations on their phylogenetic position. *Phytologia* 75(1):1-44.
- Taylor, R.J. & C.E. Taylor. 1984. *Solidago* (Asteraceae) in Oklahoma and Texas. *Sida* 10:223-251.
canescens Rydberg = *Oligoneuron rigidum* (Linnaeus) Small
rigidum (Linnaeus) Small var. **humile** (Porter) Nesom [M&H; Taylor & Taylor 1984; W&S]
 hard-leaf goldenrod
Oligoneuron canescens Rydberg
Solidago rigida Linnaeus
- Onopordum** Scotch-thistle
 ***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
 Parry's goldenrod
Haplopappus parryi Gray
Solidago parryi (Gray) Greene
- Othake 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.
- 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 cana* (Hooker) W.A. Weber & A. Löve = *Senecio canus* Hooker
cardamine (Greene) W.A. Weber & A. Löve = *Senecio cardamine* Greene
cynthioides (Greene) W.A. Weber & A. Löve = *Senecio cynthioides* Greene
dimorphophylla (Greene) W.A. Weber & A. Löve = *Senecio dimorphophyllus* Greene
fendleri (Gray) W.A. Weber & A. Löve = *Senecio fendleri* Gray
hartiana (Heller) W.A. Weber & A. Löve = *Senecio hartianus* Heller
millelobata (Rydberg) W.A. Weber & A. Löve = *Senecio millelobata* Rydberg
multilobata (Torrey & Gray ex Gray) W.A. Weber & A. Löve = *Senecio multilobatus* Torrey & Gray ex Gray
neomexicana (Gray) W.A. Weber & A. Löve var. *metcalfei* (Greene) Trock & Barkeley = *Senecio neomexicanus* Gray var. *metcalfei* (Greene) T.M. Barkley
neomexicana (Gray) W.A. Weber & A. Löve subsp. *mutabilis* (Greene) W.A. Weber & A. Löve = *Senecio neomexicanus* Gray var. *mutabilis* (Greene) T.M. Barkley
neomexicana (Gray) W.A. Weber & A. Löve = *Senecio neomexicanus* Gray var. *neomexicanus*
paupercula (Michaux) W.A. Weber & A. Löve = *Senecio pauperculus* Michaux
pseudaurea (Rydberg) W.A. Weber & A. Löve var. *flavula* (Greene) Trock & Barkeley = *Senecio pseudaureus* Rydberg var. *flavulus* (Greene) Greenman
quaerens (Greene) C. Jeffrey = *Senecio quaerens* Greene
sanguisorboides (Rydberg) W.A. Weber & A. Löve = *Senecio sanguisorboides* Rydberg
spellenbergii (T.M. Barkley) C. Jeffrey = *Senecio spellenbergii* T.M. Barkley
streptanthifolia (Greene) W.A. Weber & A. Löve = *Senecio streptanthifolia* Greene
tridenticulata (Rydberg) W.A. Weber & A. Löve = *Senecio tridenticulatus* Rydberg
wernerifolia (Gray) W.A. Weber & A. Löve = *Senecio wernerifolia* 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 and Morris [M&H; W&S]
 rosy palafox
Othake macrolepis Rydberg
Othake texanum (A.P. de Candolle) Bush var. *macrolepis* (Rydberg) Ammerm.
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
- 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 var. **alpinum** [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
- 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 chinchweed
Pectis urceolata Rydberg
prostrata Cavanilles var. *cylindrica* Fernald = *Pectis cylindrica* (Fernald) Rydberg
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
 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.
 Todsén, T.K. 1973. Comments on New Mexico flora. Sida 5(2):135. [*Perityle lemmonii*]
+cernua (Greene) Shinnery [M&H; Todsén 1973; W&S]
 Organ Mountain rock-daisy
Laphamia cernua Greene
coronopifolia Gray [M&H; W&S]
 crow-foot rock-daisy
dissecta (Torrey) Gray : Reported by M&H, but not by Powell (1973); needs verification.
Laphamia dissecta Torrey
lemmoni (Gray) MacBride [Todsén 1973]
 Lemmon's rock-daisy
quinqueflora (Steeyermark) Shinnery [Hershey 1940; M&H]
 five-flower rock-daisy
Laphamia quinqueflora Steeyermark
+staurophylla (Barneby) Shinnery var. **homoflora** Todsén [Todsén 1983]
 New Mexico rock-daisy
+staurophylla (Barneby) Shinnery 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* Wooton & Standley = *Petradoria pumila* (Nuttall) Greene subsp. *graminea* (Wooton & Standley) L.C. Anderson
pumila (Nuttall) Greene subsp. ***graminea*** (Wooton & Standley) L.C. Anderson [M&H; W&S]
 grassy goldenrod
Petradoria graminea Wooton & Standley
Solidago graminea (Wooton & Standley) Blake
pumila (Nuttall) Greene subsp. ***pumila*** [M&H; W&S]
 rock goldenrod
Solidago petradoria Blake
Picradenia helenioides Rydberg = *Hymenoxys helenioides* (Rydberg) 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.
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) Shinnars [M&H]
 leafy rock-lettuce
roseus Lessing var. ***roseus*** [M&H]
 rock-lettuce
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
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 New Mexico authors = *Hymenoxys ambigens* (S.F. Blake) Bierner var. *neomexicana* Wagner, Fletcher, & Shannon
Podospermum laciniatum (Linnaeus) A.P. de Candolle = *Scorzonera laciniata* Linnaeus
Porophyllum poreleaf
 Johnson, R.R. 1969. Monograph of the plant genus *Porophyllum* (Compositae: Helenieae). *Univ. Kansas Sci. Bull.* 48:225-267.
gracile Bentham [Johnson 1969; M&H]
 slender poreleaf
ruderale (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
Prionopsis ciliata Nuttall = *Grindelia papposa* Nesom & Suh
- 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
Pseudognaphalium viscosum (Kunth) W.A. Weber
- 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 (Kunth) W.A. Weber = *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
- 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 [M&H; Turner et al. 1988]
wooly paper-flower
Psilostrophe villosa Rydberg
- tagetina** (Nuttall) Greene var. **tagetina** [M&H; W&S]
wooly 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 = *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 pauciflora* (Torrey) A. Nelson
- 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.
Peterson, K.A., W.J. Elisens, & J.R. Estes. 1990. Allozyme variation in *Pyrrhopappus multicaulis* and *P. carolinianus* (Asteraceae): relation to mating system and purported hybridization. Syst. Bot. 15:534-543.
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 [Correll & Johnston 1970]
tuberous false-dandelion
- 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
Sitilia 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 [M&H]
- tagetes** (James) Barnhart [M&H; W&S]
green Mexican-hat
Ratibida tagetes (James) Barnhart var. *cinera* Standley
Rudbeckia tagetes James
- 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
- Rudbeckia** coneflower
ampla A. Nelson = *Rudbeckia laciniata* Linnaeus
amplexicaulis Vahl [M&H; W&S]
 clasping coneflower
Dracopis amplexicaulis (Vahl) Cassini
columnaris Pursh = *Ratibida columnifera* (Nuttall) Wootton & Standley
flava Moore = *Rudbeckia hirta* Linnaeus
hirta Linnaeus [M&H; W&S]
 black-eyed Susan
Rudbeckia flava Moore
laciniata Linnaeus [M&H; W&S]
 green-head coneflower
Rudbeckia ampla A. Nelson
Rudbeckia latissima Greene
latissima Greene = *Rudbeckia laciniata* Linnaeus
tagetes James = *Ratibida tagetes* (James) Barnhart
Rydbergia brandegeei (Porter) Rydberg = *Tetraneuris 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** glow-wort
 Turner, B.L. 1971. Taxonomy of *Sartwellia* (Compositae, Helenieae). Sida 4:265-273.
flaveriae Gray [M&H; Turner 1971]
 thread-leaf glow-wort
- 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.
multiflora Hooker & Arnott [M&H; W&S]
 New Mexico threadleaf
Achyropappus neomexicanus Gray
Bahia neomexicana Gray
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 wrightii Gray
Schkuhria wislizeni Gray var. *frustrata* Blake
Schkuhria wislizeni Gray
Schkuhria wislizeni Gray var. *wrightii* (Gray) Blake
wislizeni Gray var. *frustrata* Blake = *Schkuhria pinnata* (Lamarck) Kuntze ex Thellung var. *wislizeni* (Gray) B.L. Turner
wislizeni Gray var. *wislizeni* = *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. [Asteraceae]
 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.
 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. serria 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*]
 Sivinski, R. 2001. New plant distribution records. The New Mexico Botanist 18:3. [*Senecio quercetorum*, *S. neomexicanum toumeyii*]
 Peterson, R.S. 2005. Lost: One groundsel. The New Mexico Botanist 32:8.

Trock, D.K. & T.M. Barkley. 1998. Seven new nomenclatural combinations and a new name in *Packera* (Asteraceae: Senecioneae). *Sida* 18(2):385-388.

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.

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 (Senecio) obovata*]

actinella Greene var. **actinella** [M&H; W&S]
 Flagstaff groundsel

actinella Greene var. **mogollonicus** (Greene) Greenman [M&H; W&S]
 Flagstaff groundsel
Senecio mogollonicus Greene

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

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 = *Senecio fendleri* Gray

canus Hooker [Spellenberg et al. 1986]
 silver groundsel
Packera cana (Hooker) W.A. Weber & A. Löve

cardamine Greene [M&H; W&S]
 bitter-cress groundsel
Packera cardamine (Greene) W.A. Weber & A. Löve

carthamoides Greene = *Senecio fremontii* Torrey & Gray var. *blitoides* (Greene) Cronquist

chloranthus Greene = *Senecio bigelovii* Gray var. *bigelovii*

cliffordii Atwood & Welsh [Welsh et al. 2003]
 Clifford's groundsel

crassulus Gray [M&H; W&S]
 thick-leaf groundsel

cymbalarioides Nuttall = *Senecio streptanthifolius* Greene

cynthioides Greene [M&H; W&S]
 White Mountain groundsel
Packera cynthioides (Greene) W.A. Weber & A. Löve

dimorphophyllus Greene [Spellenberg et al. 1986]
 two-leaf groundsel
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*

eremophilus Richardson var. **kingii** (Rydberg) Greenman [M&H; W&S]
 desert groundsel
Senecio ambrosioides Rydberg non Martius
Senecio eremophilus Richardson subsp. *kingii* (Rydberg) Douglas & R.-Douglas
Senecio eremophilus Richardson var. *macdougalii* (Heller) Cronquist
Senecio macdougalii Heller

eremophilus Richardson var. *macdougalii* (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 = *Senecio neomexicanus* Gray

fendleri Gray [M&H; W&S]
 Fendler's groundsel
Packera fendleri (Gray) W.A. Weber & A. Löve
Senecio canovirens Rydberg

filifolius Nuttall = *Senecio flaccidus* Lessing var. *flaccidus*

flaccidus Lessing var. **douglasii** (A.P. de Candolle) B. Turner & T. Barkley [M&H]

thread-leaf groundsel
Senecio douglasii A.P. de Candolle var. *douglasii*
Senecio warnockii Shinnery

flaccidus Lessing var. **flaccidus** [M&H; W&S]
thread-leaf groundsel
Senecio douglasii A.P. de Candolle var. *longilobus* (Benth.) L. Benson
Senecio filifolius Nuttall
Senecio filifolius Nuttall var. *jamesii* Torrey & Gray
Senecio longilobus Benth.

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

flavulus Greene = *Senecio pseudoreus* Rydberg

fremontii Torrey & Gray var. **blitoides** (Greene) Cronquist [M&H; W&S]
dwarf mountain groundsel
Senecio carthamoides Greene

hartianus Heller [M&H]
Hart's groundsel
Packera hartiana (Heller) W.A. Weber & A. Löve
Senecio flavulus Wootton & Standley in part

integerrimus Nuttall var. **integerrimus** [Sivinski et al. 1995]
lamb-tongue groundsel
lapathifolius Greene = *Senecio crassulus* Gray
macdougallii Heller = *Senecio eremophilus* Richardson var. *kingii* (Rydberg) Greenman
metcalfei Greene = *Senecio neomexicanus* Gray var. *metcalfei* (Greene) T.M. Barkley
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
multicapitatus Greenman ex Rydberg = *Senecio spartioides* Torrey & Gray var. *multicapitatus* (Greenman ex Rydberg) S.L. Welsh

multilobatus Torrey & Gray ex Gray [M&H]
lobe-leaf groundsel
Packera multilobata (Torrey & Gray ex Gray) W.A. Weber & A. Löve
mutabilis Greene = *Senecio neomexicanus* Gray var. *mutabilis* (Greene) T.M. Barkley

neomexicanus Gray var. **metcalfei** (Greene) T.M. Barkley [W&S]
Metcalf's groundsel
Packera neomexicana (Gray) W.A. Weber & A. Löve var. *metcalfei* (Greene) Trock & Barkeley
Senecio metcalfei Greene

neomexicanus Gray var. **mutabilis** (Greene) T.M. Barkley [M&H; W&S]
New Mexico groundsel
Packera neomexicana (Gray) W.A. Weber & A. Löve subsp. *mutabilis* (Greene) W.A. Weber & A. Löve
Senecio mutabilis Greene

neomexicanus Gray var. **neomexicanus** [M&H; W&S]
New Mexico groundsel
Packera neomexicana (Gray) W.A. Weber & A. Löve
Senecio eurypterus Greenman
Senecio oresbius Greenman

neomexicanus Gray var. **toumeyii** (Greene) T.M. Barkley [Sivinski 2001]
New Mexico groundsel
oblanceolatus Rydberg = *Senecio tridenticulatus* Rydberg

obovatus Muhlenberg ex Willdenow [Worthington 2000]
round-leaf groundsel
oresbius Greenman = *Senecio neomexicanus* Gray var. *neomexicanus*

parryi Gray [M&H; W&S]
Parry's groundsel, mountain groundsel

pauperculus Michaux [M&H]
balsam groundsel
Packera paupercula (Michaux) W.A. Weber & A. Löve
Senecio flavovirens Rydberg

pentadontus Greene = *Senecio wernerifolius* Gray

plattensis Nuttall [Great Plains Flora Association 1977; Mahoney et al. 2002]

pseudoreus Rydberg var. **flavulus** (Greene) Greenman [Barkley 1962; M&H; W&S]
streambank groundsel
Packera pseudoreus (Rydberg) W.A. Weber & A. Löve var. *flavula* (Greene) Trock & Barkeley

Senecio flavulus Greene
pudicus Greene [M&H; W&S]
 bashful groundsel
Ligularia pudica (Greene) W.A. Weber
Senecio cernuus Gray
quaerens Greene [M&H]
 Mogollon groundsel
Packera quaerens (Greene) C. Jeffrey
quercetorum Greene [Sivinski 2001]
 oak-leaf groundsel
remifolius Wooton & Standley = *Senecio tridenticulatus* Rydberg
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 [M&H; Todsén 1973]
 Barkley's groundsel
Barkleyanthus salicifolius (Kunth) H. Robinson & Brettell
 +**sanguisorboides** Rydberg [M&H; W&S]
 burnet groundsel
Packera sanguisorboides (Rydberg) W.A. Weber & A. Löve
scopulinus Greene = *Senecio bigelovii* Gray var. *hallii* Gray
serra Hooker var. **admirabilis** (Greene) A. Nelson
 tall groundsel [Heil et al. 2002]
soldanella Gray [Spellenberg et al. 1986]
 Colorado groundsel
Ligularia soldanella (Gray) W.A. Weber
spartioides Torrey & Gray var. **spartioides** [M&H; W&S]
 broom groundsel
spartioides Torrey & Gray var. **multicapitatus** (Greenman ex Rydberg) S.L. Welsh [M&H; W&S]
 broom groundsel
Senecio multicapitatus Greenman ex Rydberg
 +**spellenbergii** T.M. Barkley [Barkley 1989]
 Spellenberg's groundsel
Packera spellenbergii (T.M. Barkley) C. Jeffrey
streptanthifolius Greene [M&H; W&S]
 Rocky Mountain groundsel
Packera streptanthifolia (Greene) W.A. Weber & A. Löve
Senecio acutidens Rydberg
Senecio cymbalarioides Nuttall
taraxacoides (Gray) Greene [M&H; W&S]
 dandelion groundsel
Ligularia taraxacoides (Gray) W.A. Weber
Senecio amplexans Gray var. *taraxacoides* Gray
thurberi Gray = *Senecio tridenticulatus* Rydberg
triangularis Hooker [M&H; W&S]
 arrow-leaf groundsel
tridenticulatus Rydberg [Barkley 1962; M&H; W&S]
Packera tridenticulata (Rydberg) W.A. Weber & A. Löve
Senecio oblanceolatus Rydberg
Senecio remifolius Wooton & Standley
Senecio thurberi Gray
 ***vulgaris** Linnaeus [M&H; W&S]
 old-man-in-the-spring, common groundsel
werneriiifolius (Gray) Gray [M&H; W&S]
 rocky groundsel
Packera werneriiifolia (Gray) W.A. Weber & A. Löve
Senecio pentadontus Greene
Senecio saxosus Klatt
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

Sideranthus annuus Rydberg = *Rayjacksonia annua* (Rydberg) Hartman & Lane
australis (Greene) Rydberg = *Xanthisma spinulosum* (Pursh) Morgan & Hartman var. *spinulosum*
glaberrimus 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
spinulosus (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
Heil, K. & A. Clifford. 2003. Plant distribution reports. The New Mexico Botanist 28:8. [*Silphium laciniatum*]
Silphium integrifolium Michaux var. *laeve* Torrey & Gray : Reported without documentation by Kartesz (1999); awaits verification.
**laciniatum* Linnaeus [Heil & Clifford 2003]

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 lagasceiformis* A.P. de Candolle
lagascaeformis A.P. de Candolle [Spooner 1990; Worthington 2002]
bush-sunflower
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
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.
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. *altissima* [M&H; W&S]
tall goldenrod
Solidago canadensis Linnaeus var. *arizonica* Gray
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
aureola Greene = *Solidago simplex* Kunth var. *simplex*
bigelovii Gray = *Solidago wrightii* Gray var. *wrightii*
canadensis Linnaeus var. *canadensis* [M&H; W&S]
Canadian goldenrod
canadensis Linnaeus var. *gilvocanescens* Rydberg = *Solidago altissima* Linnaeus subsp. *gilvocanescens* (Rydberg) Semple
decumbens Greene s. str. = *Solidago simplex* Kunth var. *nana* (Gray) Ringius
gigantea Aiton [M&H; W&S]
late goldenrod
Solidago gigantea Aiton var. *leiophylla* Fernald
Solidago pitcheri Nuttall
gilvocanescens (Rydberg) Smith = *Solidago altissima* Linnaeus subsp. *gilvocanescens* (Rydberg) Semple
glaberrima Martens = *Solidago missouriensis* Nuttall var. *fasciculata* Holzinger
graminea (Wooton & Standley) Blake = *Petradoria pumila* (Nuttall) Greene subsp. *graminea* (Wooton & Standley) L.C. Anderson
howellii Wooton & Standley = *Solidago velutina* A.P. de Candolle
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
memoralis 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
nemoralis Aiton var. *decemflora* (A.P. de Candolle) Fernald = *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 var. **angusta** (Torrey & Gray) Gray [Gleason 1963]
petradoria Blake = *Petradoria pumila* (Nuttall) Greene subsp. *pumila*
pitcheri Nuttall = *Solidago gigantea* Aiton
rigida Linnaeus = *Oligoneuron rigidum* (Linnaeus) T.C. Porter
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 decumbens Greene
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 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
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 subsp. **pallida** (Porter) Semple [Sivinski et al. 1995]
 showy goldenrod
Solidago speciosa Nuttall var. *pallida* Porter
tenuissima Wooton & Standley = *Solidago missouriensis* Nuttall var. *tenuissima* (Wooton & Standley) C.&J. Taylor
trinervata Greene = *Solidago velutina* A.P. de Candolle
velutina A.P. de Candolle subsp. **sparsiflora** (Gray) Semple [M&H; W&S]
 three-nerved goldenrod
Solidago arizonica (Gray) Wooton & Standley
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
***oleraceus** Linnaeus [M&H; W&S]
 common sow-thistle

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.

exigua Nuttall [M&H; W&S]
 twiggy wire-lettuce
Hemiptilium bigelovii Gray
Lygodesmia bigelovii (Gray) Shinnery
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 ramosa Rydberg
Ptiloria tenuifolia (Torrey) Rafinesque
Stephanomeria ramosa (Rydberg) Kittell
Stephanomeria tenuifolia (Torrey) Hall
Stephanomeria wrightii Gray
neomexicana (Greene) Cory = *Stephanomeria pauciflora* (Torrey) A. Nelson

pauciflora (Torrey) A. Nelson [M&H; W&S]
 few-flowered wire-lettuce
Ptiloria neomexicana Greene
Ptiloria pauciflora (Torrey) Rafinesque
Stephanomeria neomexicana (Greene) Cory
ramosa (Rydberg) Kittell = *Stephanomeria minor* (Hooker) Nuttall
tenuifolia (Torrey) Hall = *Stephanomeria minor* (Hooker) Nuttall (Goodman & Lawson 1995)

thurberi Gray [M&H; W&S]
 Thurber's wire-lettuce
Lygodesmia thurberi (Gray) Shinnery
Ptiloria thurberi (Gray) Greene
wrightii Gray = *Stephanomeria minor* (Hooker) Nuttall

Stevia candyleaf
 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

serrata Cavanilles [M&H; W&S]
 saw-tooth candyleaf

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*]
 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 *Symphotrichum* 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. = *Symphotrichum 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 = *Symphotrichum 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
Symphotrichum 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 [Sundberg in Kartesz 1999]
desert aster
Aster subulatus Michaux var. *cubensis* Shinners

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 multiflorus Aiton var. *commutatus* Torrey & Gray

falcatum (Lindley) Nesom var. **crassulum** (Rydberg) Nesom [M&H; W&S]
prairie aster
Aster commutatus (Torrey & Gray) Gray var. *crassulus* (Rydberg) Blake
Aster crassulus Rydberg
Aster falcatus Lindley var. *crassulus* (Rydberg) Cronquist

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]
Geyer's blue aster
Aster laevis Linnaeus var. *geyeri* Gray
Aster laevis Linnaeus var. *guadalupensis* A.G. Jones

laeve (Linnaeus) Löve & Löve var. **laeve** [M&H; W&S]
smooth blue aster
Aster laevis Linnaeus var. *laevis*

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 kumleini 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]
 tall aster
Aster praealtus Poiret
Aster salicifolius Aiton
- sericeum*** (Ventenat) Nesom [Tidestrom & Kittell 1941]
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. *subulatum* [M&H; W&S]
 seaside aster
Aster exilis Elliott
Aster subulatus Michaux
- Tagetes*** marigold
micrantha Cavanilles [M&H; W&S]
 licorice marigold
- Tanacetum*** tansy
 ****vulgare*** Linnaeus [M&H; W&S]
 common tansy
- Taraxacum*** dandelion
 Cronquist, A. 1994. *Taraxacum*, pp. 468-470. IN: Intermountain Flora, vol. 5. New York Botanical Garden.
 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 von Besser = *Taraxacum laevigatum* (Willdenow) A.P. de Candolle
 ****laevigatum*** (Willdenow) A.P. de Candolle [M&H]
 red-seed dandelion
Taraxacum erythrospermum Andrzejowski ex von Besser
Taraxacum officinale G.H. Weber ex F.H. Wiggers var. *laevigatum* (Willdenow) Bouvier
- lyratum*** (Ledebour) A.P. de Candolle [M&H; Peterson 2000]
 rock dandelion
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 G.H. Weber ex F.H. Wiggers subsp. *ceratophorum* (Ledebour) Schinz ex Thellung = *Taraxacum ceratophorum* (Ledebour) A.P. de Candolle

officinale G.H. Weber ex F.H. Wiggers var. *laevigatum* (Willdenow) Bouvier = *Taraxacum laevigatum* (Willdenow) A.P. de Candolle

scopulorum (A. Gray) Rydberg = *Taraxacum lyratum* (Ledebour) A.P. de Candolle

taraxacum (Linnaeus) Karsten = *Taraxacum officinale* Weber ex F.H. Wigg

Tessaria sericea (Nuttall) Shinnars = *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

Tetraneris rubberweed

Allred, K.W. 1999. New plant distribution records. *The New Mexico Botanist* 13:7. [*Tetraneris 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 *Tetraneris* (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 *Tetraneris* 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

Tetraneris pygmaea (Torrey & Gray) Wooton & Standley

Tetraneris 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

Tetraneris arizonica Greene

Tetraneris crandallii Rydberg

acaulis (Pursh) Greene var. **caespitosa** A. Nelson [M&H]

stemless rubberweed

Hymenoxys acaulis (Pursh) Parker var. *caespitosa* (A. Nelson) Parker

Tetraneris crandallii Rydberg

Tetraneris lanata (Nuttall) Greene

Tetraneris lanigera Daniels

acaulis (Pursh) Greene var. **nana** (Welsh) Kartesz & Gandhi [Heil et al. 2002]

stemless rubberweed

Hymenoxys acaulis (Pursh) Parker var. *nana* Welsh

angustifolia Greene = *Tetraneris scaposa* (A.P. de Candolle) Greene var. *scaposa*

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

perky-Sue

Actinella argentea Gray

Actinella formosa A. Nelson

Actinella leptoclada Gray

Hymenoxys argentea (Gray) Parker

Tetraneris leptoclada (Gray) Greene

arizonica Greene = *Tetraneris acaulis* (Pursh) Greene var. *arizonica* (Greene) Parker

brandegeei (Porter ex Gray) Parker [M&H]

Brandegee's rubberweed

Actinea brandegeei (Porter ex Gray) Rydberg

Hymenoxys brandegeei Porter ex Gray

Rydbergia brandegeei (Porter) Rydberg

crandallii Rydberg = *Tetraneris acaulis* (Pursh) Greene var. *arizonica* (Greene) Parker

depressa (Torrey & Gray ex Gray) Greene = *Tetraneris torreyana* (Nuttall) Greene

formosa Greene ex Wooton & Standley [W&S]

beautiful rubberweed

Actinea formosa (Greene ex Wooton & Standley) Nelson

glabriuscula Greene = *Tetraneris 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) Wootton & Standley = *Tetraneuris acaulis* (Pursh) Greene var. *acaulis*
- scaposa*** (A.P. de Candolle) Greene var. ***linearis*** (Nuttall) Parker [M&H; W&S]

naked rubberweed

- Actinella scaposa* (A.P. de Candolle) Nuttall var. *linearis* Nuttall
- Hymenoxys scaposa* (A.P. de Candolle) Parker var. *linearis* (Nuttall) Parker
- Tetraneuris linearis* (Nuttall) Greene
- Tetraneuris stenophylla* Rydberg

- 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
- Cephalophora scaposa* A.P. de Candolle
- Hymenoxys scaposa* (A.P. de Candolle) Parker
- Hymenoxys scaposa* (A.P. de Candolle) Parker var. *glabra* (Nuttall) Parker
- Tetraneuris angustifolia* Greene
- Tetraneuris glabriuscula* Greene

- scaposa*** (A.P. de Candolle) Greene var. ***villosa*** (Shinners) Shinners [Allred 1999]

naked rubberweed

- Hymenoxys scaposa* (A.P. de Candolle) Parker var. *villosa* Shinners
- stenophylla* Rydberg = *Tetraneuris scaposa* (A.P. de Candolle) Greene var. *linearis* (Nuttall) Parker
- torreyana*** (Nuttall) Greene [W&S]

Torrey's rubberweed

- Tetraneurisdepressa* (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 var. ***intermedium*** (Rydberg) Shinners [M&H; W&S]

stiff greenthread

- Thelesperma intermedium* Rydberg
- Thelesperma trifidum* (Poiret) Britton
- gracile* (Torrey) Gray = *Thelesperma megapotamicum* (Sprengel) Kuntze [M&H]
- intermedium* Rydberg = *Thelesperma filifolium* Gray var. *intermedium* (Rydberg) Shinners

- 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 var. *intermedium* (Rydberg) Shinners [Weber & Wittmann 1992]

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
- 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. **radiata** (Gray) Strother [M&H]
Texas prickle-leaf
Dyssodia setifolia (Lagasca) Robinson var. *greggii* (Gray) Shinners
Thymophylla greggii Gray
- 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 [M&H]
serpentweed
Haplopappus microcephalus Cronquist
Ericameria microcephala (Cronquist) Kartesz & Gandhi
- pygmaeus** (Torrey & Gray) A. Nelson [M&H; W&S]
pygmy serpentweed
Haplopappus pygmaeus (Torrey & Gray) Gray
- 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.
- 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
- Tragopogon** salsify
Ownbey, 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
- 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
- Uropappus** silverpuffs
- 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
Uropappus pruinosus 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.
- encelioides** (Cavanilles) Benth & Hooker f. ex Gray var. **encelioides** [M&H]
golden crownbeard, cowpen daisy
Ximenesia encelioides Cavanilles
- encelioides** (Cavanilles) Benth & 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** Wootton & Standley [M&H; W&S]
mountain crownbeard
- rothrockii** B.L. Robinson & J.L. Greenman [M&H; W&S]
Rothrock's crownbeard
Verbesina wrightii Gray
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* (Comosita). Brittonia 24:28-45.
baldwinii Torrey subsp. interior (Small) Faust : Reported by Kartesz (1999) without documentation; awaits verification.
- 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
 Cronquist, A. 1994. *Viguiera*, pp. 22-26. IN: Intermountain Flora, vol. 5. New York Botanical Garden.
annua (M.E. Jones) Blake = *Viguiera longifolia* (B.L. Robinson & J.L. Greenman) Blake var. *annua* (M.E. Jones) Welsh
ciliata (B.L. Robinson & J.L. Greenman) Blake [M&H; W&S]
 rough goldeneye
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
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** [M&H; W&S]
 long-leaf goldeneye
Gymnolomia longifolia B.L. Robinson & J.L. Greenman
Heliomeris longifolia (B.L. Robinson & J.L. Greenman)
- longifolia** (B.L. Robinson & J.L. Greenman) Blake var. **annua** (M.E. Jones) Welsh [M&H; W&S]
 annual goldeneye
Gymnolomia annua B.L. Robinson & J.L. Greenman
Gymnolomia multiflora (Nuttall) Bentham & Hooker var. *annua* M.E. Jones
- multiflora** (Nuttall) Blake [M&H; W&S]
 showy goldeneye
Gymnolomia brevifolia Greene ex Wooton & Standley, not *Viguiera brevifolia* Greenman
Gymnolomia multiflora (Nuttall) Bentham & Hooker
Heliomeris multiflora Nuttall
Viguiera multiflora (Nuttall) Blake var. *ovalis* Blake
Viguiera ovalis Blake
- 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
 yellow-streamers
Zaluzania grayana B.L. Robinson & J.L. Greenman
- Villanova biternata* (Gray) Wooton & Standley = *Bahia biternata* Gray
dissecta (Gray) Rydberg = *Bahia dissecta* (Gray) Britton
- Wootonella nana* (Gray) Standley = *Verbesina nana* (Gray) Robinson
Wootonia 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.
- arizonica** Gray [M&H; W&S; Weber 1946]
 Arizona mule's-ears
- scabra** Hooker [M&H; Weber 1946]
 badland mule's-ears
Wyethia scabra Hooker var. *attenuata* W.A. Weber
Wyethia scabra Hooker var. *canescens* W.A. Weber
scabra Hooker var. *attenuata* W.A. Weber = *Wyethia scabra* Hooker
scabra Hooker var. *canescens* W.A. Weber = *Wyethia scabra* Hooker
- 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
 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 phyto geography 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 blephariphyllum 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 [M&H; Turner & Hartman 1976; W&S]
 smooth sleep-daisy
Haplopappus spinulosus (Pursh) A.P. de Candolle subsp. *glaberrimus* (Rydberg) Hall
Machaeranthera pinnatifida (Hooker) Shinnery var. *glaberrima* (Rydberg) Turner & Hartman
Sideranthus glaberrimus Rydberg
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
- grindelioides** (Nuttall) Morgan & Hartman [Hartman 1990; M&H; W&S]
 ray-less sleep-daisy
Haplopappus nuttallii Torrey & Gray
Machaeranthera grindelioides (Nuttall) Shinnery
Sideranthus grindelioides Nuttall
- gypsophilum** (B.L. Turner) Morgan & Hartman [Anderson, D.L. 1998]
 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. **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 spinulosus (Pursh) Sweet ex Rydberg
Sideranthus wootonii (Greene) Standley
- texanum** A.P. de Candolle subsp. **drummondii** (Torrey & Gray) Semple [M&H]
 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* Walloth
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 Walloth
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 subsequent authors (Hickman 1993; Kearney & Peebles 1969; Nesom 2002; Welsh et al. 1993).
Zaluzania grayana B.L. Robinson & J.L. Greenman = *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 [1/7/7]

- Berberis** barberry
 Cox, G.W. 2001. New plant distribution records. The New Mexico Botanist 20:8. [*Berberis vulgaris*]
 Whittemore, A.T. 1997. *Berberis*, pp. 276-286. IN: Flora of North America, vol. 3. Oxford University Press.
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
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]
 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 [3/4/4]

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>. [*B. glandulosa*]
fontinalis Sargent = *Betula occidentalis* Hooker
glandulosa Michaux [Hartman 2003]
 bog birch
occidentalis Hooker [Furlow 1997; M&H; W&S]
 water birch
Betula fontinalis Sargent
Ostrya hop-hornbeam
baileyi Rose = *Ostrya knowltonii* Coville
knowltonii Coville [Whittemore 1997; M&H; W&S]
 Knowlton's hop-hornbeam
Ostrya baileyi Rose

Family BIGNONIACEAE [2/3/4]

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 Engelman [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
Stenolobium 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
Stenolobium incisum Rose & Standley

Family BIXACEAE [1/1/1]

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 [18/63/75]

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

intermedia Fischer & Meyer : Reported as expected by M&H map; awaits verification.

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 (Wooton & Standley) I.M. Johnston = *Tiquilia gossypina* (Wooton & 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.

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 barbigera 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

crassisejala (Torrey & Gray) Greene var. **crassisejala** [M&H; Sivinski 1998]

thick-sepal cat's-eye

Eritrichium crassisejalum Torrey & Gray

Krynitzkia crassisejala (Torrey & Gray) Gray

crassisejala (Torrey & Gray) Greene var. **elachantha** I.M. Johnston [M&H; Sivinski 1998]

thick-sepal cat's-eye

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 : Reported by M&H, but not known from NM (Sivinski 1998).
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
Eremocarya micrantha (Torrey) Greene
Eritrichium micranthum Torrey

minima Rydberg [M&H; Sivinski 1998]

little cat's-eye
nevadensis A. Nelson & Kennedy [Sivinski 1998; Spellenberg et al. 1993]

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 Wootton & Standley
Oreocarya oblata (M.E. Jones) Macbride

palmeri (Gray) Payson [M&H; Sivinski 1998]

Palmer's cat's-eye
Cryphantha 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
Cryphantha 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
thyriflora (Greene) Payson [M&H; Sivinski 1998]

limestone cat's-eye

Oreocarya hispidissima (Torrey) Rydberg
Oreocarya thyriflora Greene
Oreocarya urticacea Wooton & Standley

Cynoglossum hound's-tongue
 **officinale* Linnaeus [M&H; W&S]
 hound's-tongue

Echium bugloss
 **vulgare* Linnaeus [M&H]
 viper's bugloss

Eremocarya micrantha (Torrey) Greene = *Cryptantha micrantha* (Torrey) I.M. Johnston [M&H]

Eritrichium alpine forget-me-not
elongatum (Rydberg) W.F. Wright = *Eritrichium nanum* (Villars) Schrader ex Gaudin var. *elongatum* (Rydberg) Cronquist [M&H]
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

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

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 var. *desertorum* (Greene) I.M. Johnston = *Lappula occidentalis* (S. Watson) Greene var. *occidentalis*

redowskii (Hornemann) Greene var. *redowskii* = *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

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 [M&H]

multiflorum Torrey ex Gray [M&H; W&S]

purple gromwell

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

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

franciscana Heller [M&H; W&S]

San Francisco bluebells

Mertensia alba Rydberg

Mertensia grandis Wooton & Standley

Mertensia pratensis Heller

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. ***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

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*]

palustris Lamarck = *Myosotis scorpioides* Linnaeus

****scorpioides*** Linnaeus [Hutchins 1974; M&H]

forget-me-not

Myosotis palustris Lamarck

Onosmodium marble-seed

Turner, B.L. 1995. Synopsis of the genus *Onosmodium* (Boraginaceae). Phytologia 78:39-60.

bejariense A.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

Oreocarya fulvocanescens (S. Watson) Greene = *Cryptantha fulvocanescens* (S. Watson) Payson

hispidissima (Torrey) Rydberg = *Cryptantha thyrsoflora* (Greene) 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

suffruticosa (Torrey) Greene = *Cryptantha cinerea* (Greene) Cronquist var. *jamesii* Cronquist

urticacea Wooton & Standley = *Cryptantha thyrsoflora* (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 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

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) [46/163]

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*]

**allysoides* (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 drummondii* (Gray) A.& D. Löve

eremophila Greene = *Boechea perennans* (S. Watson) W.A. Weber

fendleri (S. Watson) Greene var. *fendleri* = *Boechea fendleri* (S. Watson) W.A. Weber var. *fendleri*

fendleri (S. Watson) Greene var. *spatifolia* (Rydberg) Rollins = *Boechea fendleri* (S. Watson) W.A. Weber var. *spatifolia* (Rydberg) W.A. Weber

Weber

formosa Greene = *Boechea pulchra* (M.E. Jones ex S. Watson) W.A. Weber

glabra (Linnaeus) Bernhardi = *Turritis glabra* Linnaeus

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

ovata (Pursh) Poiret = *Arabis hirsuta* (Linnaeus) Scopoli var. *pyncocarpa* (Hopkins) Rollins

oxyphylla Greene = *Boechea drummondii* (Gray) A.& D. Löve

perennans S. Watson = *Boechea perennans* (S. Watson) W.A. Weber

porphyrea Wooton & Standley = *Boechea fendleri* (S. Watson) W.A. Weber var. *fendleri*

pulchra M.E. Jones ex S. Watson var. *pallens* M.E. Jones = *Boechea pulchra* (M.E. Jones ex S. Watson) W.A. Weber

selbyi Rydberg = *Boechea selbyi* (Rydberg) 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
- Boechera** rock-cress
Al-Shehbaz, I.A. 2003. Transfer of most North American species of *Arabis* to *Boechera* (Brassicaceae). *Novon* 13:381-391.
- divaricarpa* (A. Nelson) A. & D. Löve [M&H]
spreading rock-cress
Arabis divaricarpa A. Nelson
- drummondii* (Gray) A. & D. Löve [M&H; W&S]
Canadian rock-cress
Arabis drummondii Gray
Arabis oxyphylla Greene
- fendleri* (S. Watson) W.A. Weber var. *fendleri* [M&H; W&S]
Fendler's rock-cress
Arabis fendleri (S. Watson) Greene
Arabis porphyrea Wooton & Standley
- fendleri* (S. Watson) W.A. Weber var. *spatifolia* (Rydberg) W.A. Weber [M&H; Rollins 1993]
Fendler's rock-cress
Arabis fendleri (S. Watson) Greene var. *spatifolia* (Rydberg) Rollins
Arabis spatifolia Rydberg
- 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
- pulchra* (M.E. Jones ex S. Watson) W.A. Weber [M&H; Rollins 1993; W&S]
desert rock-cress
Arabis formosa Greene
Arabis pulchra M.E. Jones ex S. Watson var. *pallens* M.E. Jones
- selbyi* (Rydberg) W.A. Weber [Rollins 1993]
Selby's rock-cress
Arabis selbyi Rydberg
- 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*]
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.
**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*]
 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
**hirsuta* Linnaeus [Forbes 1998]
 hairy bitter-cress
pennsylvanica Muhlenberg ex Willdenow [Heil et al. 2002]
 Quaker bitter-cress

Cardaria chalapensis (Linnaeus) Handel-Mazzetti = *Lepidium chalapense* Linnaeus
draba (Linnaeus) Desvoux = *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

Cheirinia 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
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. Schulz subsp. *obtusa*
obtusa (Greene) O. E. Schulz 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) Shinnars
Descurainia andrenarum (Cockerell) Shinnars 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
Dithyrea griffithsii Wooton & Standley = *Dimorphocarpa wislizeni* (Engelmann) Rollins
wislizeni Engelmann = *Dimorphocarpa wislizeni* (Engelmann) Rollins
- Draba** Whitlow-grass
 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 [M&H; W&S]
 cushion Whitlow-grass
Draba cana Rydberg
Draba lanceolata of North American authors, not Royle
cana Rydberg = *Draba breweri* S. Watson var. *cana* (Rydberg) Rollins
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

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

lanceolata of North American authors, not Royle = *Draba breweri* S. Watson var. *cana* (Rydberg) Rollins

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
Draba reptans (Lamarck) Fernald forma *micrantha* (Nuttall) C.L. Hitchcock

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*]

asperum (Nuttall) A.P. de Candolle [M&H; W&S]
 plains wallflower

capitatum (Douglas ex Hooker) Greene var. ***capitatum*** [M&H; W&S]
 wallflower
Cheirinia elata (Nuttall) 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 desertorum Wooton & Standley
Erysimum asperrimum (Greene) Rydberg
Erysimum bakeri Rydberg
Erysimum desertorum (Wooton & Standley) Rossbach
desertorum (Wooton & Standley) Rossbach = *Erysimum capitatum* (Douglas ex Hooker) Greene var. *purshii* (Durand) Rollins
***cheiranthoides** Linnaeus [Heil et al. 2002]
worm-seed wallflower
inconspicuam (S. Watson) MacMillan [M&H; W&S]
wallflower
Cheirinia inconspicua (S. Watson) Rydberg
Erysimum asperum (Nuttall) A.P. de Candolle var. *inconspicuam* S. Watson
Erysimum parviflorum Nuttall
***repandum** Linnaeus [M&H]
spreading wallflower
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 linearifolius (Gray) Rydberg = *Schoenocrambe linearifolia* (Gray) Rollins
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.
Hutchinsia slenderweed
Heil, K. 2004. Plant distribution reports. The New Mexico Botanist 31:2. [*Hutchinsia procumbens*]
***procumbens** (Linnaeus) Desvaux [Heil 2004]
slenderweed
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
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 *Stroganovia* 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*]
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 chalapense*]
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.Br. [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] : Reported as expected by M&H map; awaits verification.
Lepidium bourgeauanum Thellung
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
hirsutum Rydberg = *Lepidium medium* Greene var. *pubescens* (Greene) Robinson
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]
ramosissimum A. Nelson var. **ramosissimum** [Rollins 1993]
 branched pepperweed
thurberi Wooton [M&H; W&S]
 Thurber's pepperweed
virginicum Linnaeus var. **medium** (Greene) Hitchcock [M&H; W&S]
 poor-man's pepperweed
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 calcicola* (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 alyssum

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

**maritima* (Linnaeus) Desvoux [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.

**officinale* R.Br. [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

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

Nocca fendleri (Gray) Holub = *Thlaspi fendleri* Gray

fendleri (Gray) Holub subsp. *glauca* (A. Nelson) Al-Shehbaz & M. Koch = *Thlaspi fendleri* Gray var. *glauca* (A. Nelson) C.L. Hitchcock

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

Lamphropragma 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** (Wooton) O'Kane & Al-Shehbaz [M&H; Rollins 1993; W&S]
golden bladderpod
Lesquerella aurea Wooton
australis (Payson) Rollins = *Physaria acutifolia* Rydberg var. *acutifolia* [Rollins 1993]
- calcicola** (Rollins) O'Kane & Al-Shehbaz [M&H; Rollins 1993]
Rocky Mountain bladderpod
Lesquerella calcicola Rollins
- 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
- 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]
- hispidata* (Desvaux) Britton = *Rorippa palustris* (Linnaeus) von Besser var. *hispidata* (Desvaux) Rydberg
- nasturtium-aquaticum* (Linnaeus) Britton & Rendle = *Nasturtium officinale* R.Br.
- obtusata* (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
- sphaerocarpa* (Gray) Greene = *Rorippa sphaerocarpa* (Gray) Britton
- sylvestris* (Linnaeus) Druce [=Rorippa sylvestris (Linnaeus) von Besser] : Reported by W&S, but not known from NM [Stuckey 1972].
- terrestris* (R. Brown) Wooton & Standley = *Rorippa palustris* (Linnaeus) von Besser var. *occidentalis* (S. Watson) Rollins
- Raphanus** radish
raphanastrum Linnaeus : Reported as expected by M&H map; awaits verification.
***sativus** Linnaeus [M&H; W&S]
radish
- 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
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
- microtittis** (Robinson) Rollins [M&H]
Chihuahuan yellow-cress
Nasturtium microtittis (Robinson) O. E. Schulz
Sisymbrium microtittis Robinson
- nasturtium-aquaticum* (Linnaeus) Schinz & Thellung = *Nasturtium officinale* R.Br.
- obtusata* (Nuttall ex Torrey & Gray) Britton = *Rorippa teres* (Michaux) Stuckey var. *teres*
- palustris* (Linnaeus) von Besser subsp. *glabra* (O.E. Schulz) Stuckey var. *glabra* = *Rorippa palustris* (Linnaeus) von Besser var. *fernaldiana* (Butters & Abbe) Stuckey
- palustris** (Linnaeus) von Besser var. **fernaldiana** (Butters & Abbe) Stuckey [M&H]
Fernald's yellow-cress
Rorippa palustris (Linnaeus) von Besser subsp. *glabra* (O.E. Schulz) Stuckey var. *glabra*
- palustris** (Linnaeus) von Besser var. **hispidata** (Desvaux) Rydberg [M&H; Rollins 1993; W&S]
bog yellow-cress
Nasturtium hispidum (Desvaux) A.P. de Candolle
Radicula hispidata (Desvaux) Britton
- palustris** (Linnaeus) von Besser var. **occidentalis** (S. Watson) Rollins [M&H; Rollins 1993; W&S]
bog yellow-cress
- 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 obtusa (Nuttall) Britton var. *sphaerocarpa* (Gray) Cory
 *sylvestris (Linnaeus) von Besser : Reported questionably by Kartesz (1999); awaits verification.
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 obtusa (Nuttall ex Torrey & Gray) Britton
truncata (Jepson) Stuckey = *Rorippa curvipes* Greene var. *truncata* (Jepson) Rollins
Schoenocrambe plains-mustard
 Rollins, R.C. 1982. *Thelypodiopsis* and *Schoenocrambe* (Cruciferae). Contr. Gray Herb. 212:71-102.
linearifolia (Gray) Rollins [M&H; Rollins 1982; W&S]
 slim-leaf plains-mustard
Hesperidanthus linearifolius (Gray) Rydberg
Sisymbrium linearifolium (Gray) Payson
Thelypodiopsis linearifolia (Gray) Al-Shebaz
Thelypodium linearifolium (Gray) S. Watson
linifolia (Nuttall) Greene = *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
Sisymbrium hedge-mustard
 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
diffusum Gray = *Halimolobos diffusus* (Gray) O.E. Schulz
 ***irio** Linnaeus [M&H]
 London rocket
Norta irio (Linnaeus) Britton
linearifolium (Gray) Payson = *Schoenocrambe linearifolia* (Gray) Rollins
Hesperidanthus linearifolius (Gray) Rydberg
Thelypodium linearifolium (Gray) S. Watson
linifolium (Nuttall) Nuttall ex Torrey & Gray [M&H; Rollins 1982, 1993; W&S]
 Salmon River plains-mustard
Schoenocrambe linifolia (Nuttall) Greene
 ***loeselii** Linnaeus [Allred & Columbus 1989]
 false London rocket
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*
- 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 [M&H]
- 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*]
carinatus Wright ex Gray subsp. *arizonicus* (S. Watson) Kruckenberg, Rodman, & Worthington [Kruckenberg 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
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.
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
longifolium (Benth) S. Watson = *Pennellia longifolia* (Benth) Rollins
micranthum (Gray) S. Watson = *Pennellia micrantha* (Gray) Niewl.

vernale Wooton & Standley = *Thelypodopsis 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 = *Thlaspi fendleri* Gray var. *glaucum* (A. Nelson) C.L. Hitchcock

alpestre L. var. *glaucum* A. Nelson = *Thlaspi fendleri* Gray var. *glaucum* (A. Nelson) C.L. Hitchcock

***arvense** Linnaeus [M&H]

field penny-cress

coloradense Rydberg = *Thlaspi fendleri* Gray var. *glaucum* (A. Nelson) C.L. Hitchcock

fendleri Gray var. **fendleri** [Holmgren 1971; W&S]

Fendler's penny-cress

Noccaea fendleri (Gray) Holub

Thlaspi montanum Linnaeus var. *fendleri* (Gray) Holmgren

fendleri Gray var. **glaucum** (A. Nelson) C.L. Hitchcock [Holmgren 1971; W&S]

Fendler's penny-cress

Noccaea fendleri (Gray) Holub subsp. *glauca* (A. Nelson) Al-Shehbaz & M. Koch

Thlaspi alpestre of NM authors

Thlaspi alpestre L. var. *glaucum* A. Nelson

Thlaspi coloradense Rydberg

Thlaspi purpurascens Rydberg

fendleri Gray = *Thlaspi fendleri* Gray var. *fendleri*

glaucum A. Nelson = *Thlaspi fendleri* Gray var. *glaucum* (A. Nelson) C.L. Hitchcock

montanum Linnaeus var. *fendleri* (Gray) Holmgren = *Thlaspi fendleri* Gray var. *fendleri*

montanum Linnaeus s.s. : This is an European species separable from the North American *Thlaspi fendleri* Gray

purpurascens Rydberg = *Thlaspi fendleri* Gray var. *glaucum* (A. Nelson) C.L. Hitchcock

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) Bernhardt

Family BUDDLEJACEAE [1/1/1]

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 [14/67/95]

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. Gibbon. 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. *cylindricus* 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*

greggii Engelmann var. *greggii* = *Peniocereus greggii* (Engelmann) Britton & Rose

greggii Engelmann var. *transmontanus* Engelmann = *Peniocereus greggii* (Engelmann) Britton & Rose var. *transmontanus* (Engelmann)

Backeberg

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

dasyacantha (Engelmann) A. Berger : Reported by M&H & W&S, but both Benson (1982) and Zimmerman & Parfitt (2003) record it only from Texas.

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

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]

spiny star

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

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

spiniosior (Engelmann) F.M. Knuth [M&H; Pinkava 2003; W&S]

walking-stick cholla

Opuntia spiniosior (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

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.

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

papyracanthus Engelmann = *Sclerocactus papyracanthus* (Engelmann) N.P. Taylor

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

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 [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

chlорanthus Engelmann = *Echinocereus viridiflorus* Engelmann

chlорanthus 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 Wootton & 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) Engelm var. *dasyacanthus* (Engelmann) N.P. Taylor
enneacanthus Engelm var. *brevispinus* (W.O. Moore) L. Benson : Erroneously reported for NM by Taylor (1985), citing the Ash
Canyon record for *Echinocereus enneacanthus* Engelm var. *enneacanthus* reported by Benson (1982).
enneacanthus Engelm var. *enneacanthus* : Reported by Benson (1982); but excluded from NM by Zimmerman & Parfitt (2003); awaits
verification.

Echinocereus enneacanthus Engelm var. *dubius* (Engelmann) L. Benson
enneacanthus Engelm var. *dubius* (Engelmann) L. Benson = *Echinocereus enneacanthus* Engelm var. *enneacanthus*
enneacanthus Engelm 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) Engelm ex Rümpler

Cereus fendleri Engelm var. *pauperculus* Engelm
Echinocereus fendleri (Engelmann) Engelm ex Rümpler var. *fasciculatus* (Engelmann ex S. Watson) N.P. Taylor
fendleri (Engelmann) Engelm ex Rümpler var. *fasciculatus* (Engelmann ex S. Watson) N.P. Taylor = *Echinocereus fasciculatus*
(Engelmann ex S. Watson) L. Benson

fendleri (Engelmann) Engelm ex Rümpler [M&H; Zimmerman & Parfitt 2003]
Fendler's hedgehog-cactus

Echinocereus fendleri (Engelmann) Engelm ex Rümpler var. *kuenzleri* (Castetter, Pierce & Schwerin) L. Benson
Echinocereus kuenzleri Castetter, Pierce & Schwerin
Echinocereus rectispinus Peebles

fendleri (Engelmann) Engelm ex Rümpler var. *kuenzleri* (Castetter, Pierce & Schwerin) L. Benson = *Echinocereus fendleri* (Engelmann)
Engelm ex Rümpler

fendleri (Engelmann) Engelm ex Rümpler var. *rectispinus* (Peebles) L. Benson = *Echinocereus fendleri* (Engelmann) Engelm ex
Rümpler

gonacanthus (Engelmann & Bigelow) Engelm ex Rümpler = *Echinocereus triglochidiatus* Engelm
lloydii Britton & Rose = *Echinocereus* × *roetteri* (Engelmann) Rümpler
melanacanthus Engelm = *Echinocereus coccineus* Engelm
neomexicanus Coulter = *Echinocereus* × *roetteri* (Engelmann) Rümpler
neomexicanus Standley = *Echinocereus triglochidiatus* Engelm
paucispinus Engelm ex Rümpler [= *Echinocereus triglochidiatus* Engelm var. *paucispinus* (Engelmann) Engelm ex W.T.
Marshall] : Reported by W&S, but not by Benson (1982); needs verification].

pectinatus (Schwidweiler) Engelm var. *dasyacanthus* (Engelmann) N.P. Taylor = *Echinocereus dasyacanthus* Engelm
pectinatus (Schwidweiler) Engelm var. *minor* (Engelmann) L. Benson = *Echinocereus* × *roetteri* (Engelmann) Rümpler
pectinatus (Schwidweiler) Engelm var. *neomexicanus* (Coulter) L. Benson = *Echinocereus* × *roetteri* (Engelmann) Rümpler
pectinatus (Schwidweiler) Engelm var. *rigidissimus* (Engelmann) Engelm ex Rümpler = *Echinocereus rigidissimus* (Engelmann)
Rose

polyacanthus Engelm = *Echinocereus coccineus* Engelm

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. *perbellus* (Britton & Rose) L. Benson
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 Engelm in Gray var. *rigidissimus* Engelm
Echinocereus dasyacanthus Engelm in Wislizenus var. *rigidissimus* (Engelmann) W.T. Marshall
Echinocereus pectinatus (Schwidweiler) Engelm var. *rigidissimus* (Engelmann) Engelm ex Rümpler

rosei Wootton & Standley = *Echinocereus coccineus* Engelm

×roetteri (Engelmann) Rümpler [Anderson 2001; M&H; Zimmerman & Parfitt 2003]
Lloyd's hedgehog-cactus

Echinocereus coccineus Engelm var. *gurneyi* (Benson) Heil & Brack
Echinocereus lloydii Britton & Rose
Echinocereus neomexicanus Coulter
Echinocereus pectinatus (Schwidweiler) Engelm var. *minor* (Engelmann) L. Benson
Echinocereus pectinatus (Schwidweiler) Engelm var. *neomexicanus* (Coulter) L. Benson
Echinocereus triglochidiatus Engelm var. *gurneyi* Benson

stramineus (Engelmann) F. Seitz [M&H; W&S; Zimmerman & Parfitt 2003]
strawberry hedgehog-cactus

Echinocereus enneacanthus Engelm var. *stramineus* (Engelmann) L. Benson
triglochidiatus Engelm var. *arizonicus* (Rose ex Orcutt) L. Benson = *Echinocereus arizonicus* Rose ex Orcutt
triglochidiatus Engelm var. *gonacanthus* (Engelmann & Bigelow) Boissvain = *Echinocereus triglochidiatus* Engelm
triglochidiatus Engelm var. *gurneyi* L. Benson = *Echinocereus* × *roetteri* (Engelmann) Rümpler
triglochidiatus Engelm var. *melanacanthus* (Engelmann) L. Benson = *Echinocereus coccineus* Engelm
triglochidiatus Engelm var. *mojavensis* (Engelmann & 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 Engelmann & Bigelow
Cereus mojaviensis Engelmann & Bigelow
Echinocereus neomexicanus Standley
Echinocereus gonacanthus (Engelmann & Bigelow) Engelmann ex Rümpler
Echinocereus triglochidiatus Engelmann var. *gonacanthus* (Engelmann & Bigelow) Boissevain
Echinocereus triglochidiatus Engelmann var. *mojavensis* (Engelmann & Bigelow) L. Benson
Echinocereus triglochidiatus Engelmann var. *neomexicanus* (Standley) Standley ex W.T. Marshall
viridiflorus Engelmann subsp. *chloranthus* (Engelmann) N.P. Taylor = *Echinocereus viridiflorus* Engelmann
viridiflorus Engelmann subsp. *cylindricus* (Engelmann) N.P. Taylor = *Echinocereus viridiflorus* Engelmann
viridiflorus Engelmann [M&H; W&S; Zimmerman & Parfitt 2003]
- nylon hedgehog-cactus
Echinocereus chloranthus Engelmann
Echinocereus chloranthus Engelmann var. *cylindricus* (Engelmann) N.P. Taylor
Echinocereus viridiflorus Engelmann subsp. *chloranthus* (Engelmann) N.P. Taylor
Echinocereus viridiflorus Engelmann subsp. *cylindricus* (Engelmann) 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 (Engelmann) Britton & Rose = *Echinomastus intertextus* (Engelmann) Britton & Rose var. *dasyacanthus* (Engelmann) Backeberg
intertextus (Engelmann) Britton & Rose var. *dasyacanthus* (Engelmann) Backeberg [M&H; W&S; Zimmerman & Parfitt 2003]
- early-bloomer
Echinocactus dasyacanthus Engelmann
Echinomastus dasyacanthus (Engelmann) Britton & Rose
Neolloydia intertexta (Engelmann) L. Benson var. *dasyacantha* (Engelmann) L. Benson
intertextus (Engelmann) Britton & Rose var. *intertextus* [M&H; W&S; Zimmerman & Parfitt 2003]
- early-bloomer
Echinocactus intertextus Engelmann
Neolloydia intertexta (Engelmann) 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 (Engelmann) Weber ex Britton & Rose var. *micromeris* [M&H; W&S; Zimmerman & Parfitt 2003]
- ping-pong-ball cactus
Mammillaria micromeris Engelmann
- Escobaria dasyacantha* (Engelmann) Britton & Rose = *Coryphantha dasyacantha* (Engelmann) 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 Bodecker) 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* (Engelmann) A. Berger
tuberculosa (Engelmann) Britton & Rose = *Coryphantha tuberculosa* (Engelmann) A. Berger
villardii Castetter, Pierce, & Schwerin = *Coryphantha sneedii* (Britton & Rose) A. Berger
vivipara (Nuttall) F. Buxbaum var. *arizonica* (Engelmann) 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* (Engelmann) 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* Engelm
Sclerocactus uncinatus (Galeotti) N.P. Taylor subsp. *wrightii* (Engelm) N.P. Taylor
Thelocactus uncinatus (Galeotti) Marshall var. *wrightii* (Engelm) 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* (Engelm) H. Robinson [M&H; W&S]
club-cholla
Cylindropuntia clavata (Engelm) F.M Knuth
Opuntia clavata Engelm
emoryi (Engelm) Pinkava [M&H; W&S]
Emory's club-cholla
Opuntia emoryi Engelm
Opuntia stanlyi Engelm ex B.D. Jackson
grahamii (Engelm) H. Robinson [M&H; W&S]
Graham's club-cholla
Opuntia densispina Ralston & Hilsenbeck
Opuntia grahamii Engelm
Opuntia schottii Engelm var. *grahamii* (Engelm) L. Benson
- 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. Cact. & 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.
arizonica Engelm = *Coryphantha vivipara* (Nuttall) Britton & Rose
barbata Engelm [M&H; Zimmerman & Parfitt 2003]
nipple-cactus
Mammillaria chavezii Cowper
Mammillaria orestera L. Benson
Mammillaria viridiflora (Britton & Rose) Bödeker
dasyacantha Engelm = *Coryphantha dasyacantha* (Engelm) Orcutt
grahamii Engelm [M&H; W&S; Zimmerman & Parfitt 2003]
Graham's nipple-cactus
heyderi Muehlenpfordt var. *heyderi* [M&H; W&S; Zimmerman & Parfitt 2003]
Heyder's nipple-cactus
Mammillaria applanata Engelm
Mammillaria gummifera Engelm var. *applanata* (Engelm) L. Benson
heyderi Muehlenpfordt var. *bullingtoniana* Castetter, P. Pierce & K.H. Schwerin [Zimmerman & Parfitt 2003]
cream nipple-cactus
heyderi Muehlenpfordt var. *macdougalii* (Rose) L. Benson [=*Mammillaria macdougalii* 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* (Engelm) L. Benson = *Mammillaria meiacantha* Engelm
lasiacantha Engelm [M&H; W&S; Zimmerman & Parfitt 2003]
lacy-spine nipple-cactus
Mammillaria lasiacantha Engelm var. *denudata* Engelm
leei (Boedeker) Rose = *Coryphantha sneedii* (Britton & Rose) A. Berger
macromeris Engelm = *Coryphantha macromeris* (Engelm) Britton & Rose
meiacantha Engelm [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
micromeris Engelm = *Epithelantha micromeris* (Engelm) Weber ex Britton & Rose
neomexicana Engelm = *Escobaria vivipara* (Nuttall) F. Buxbaum
orestera Benson = *Mammillaria barbata* Engelm
radiosa Engelm = *Escobaria vivipara* (Nuttall) F. Buxbaum
scheerii Muehlenpfordt = *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
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. *Grusonia*, 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 Engelmann in Wislizenus = *Cylindropuntia imbricata* (Haworth) F.M. Knuth

arenaria Engelmann = *Opuntia polyacantha* Haworth var. *arenaria* (Engelmann) Parfitt

brachyartha Engelmann & Bigelow = *Opuntia fragilis* Nuttall

camanchica Engelmann & Bigelow = *Opuntia phaeacantha* Engelmann

chihuahuensis Rose = *Opuntia camanchica* Engelmann & Bigelow

chlorotica Engelmann & Bigelow [M&H; W&S]

clock-face prickly-pear

chlorotica Engelmann & Bigelow var. *santa-rita* Griffiths & Hare = *Opuntia santa-rita* (Griffiths & Hare) Rose

clavata Engelmann = *Grusonia clavata* (Engelmann) 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 (Engelmann & Bigelow) Rose = *Opuntia phaeacantha* Engelmann

cymochila Engelmann & Bigelow = *Opuntia tortispina* Engelmann & J.M. Bigelow

cymochila Engelmann var. *montana* Engelmann & Bigelow = *Opuntia pottsii* Salm-Dyck

davisii Engelmann & Bigelow = *Cylindropuntia davisii* (Engelmann & Bigelow) F.M. Knuth

densispina Ralston & Hilsenbeck = *Grusonia grahamii* (Engelmann) H. Robinson

dillei Griffiths = *Opuntia engelmannii* Salm-Dyck ex Engelmann

discata Griffiths = *Opuntia engelmannii* Salm-Dyck ex Engelmann

dulcis Engelmann = *Opuntia phaeacantha* Engelmann

emoryi Engelmann = *Grusonia emoryi* (Engelmann) Pinkava

engelmannii Salm-Dyck ex Engelmann var. ***engelmannii*** [M&H; W&S]

Engelmann's prickly-pear, cactus-apple

Opuntia discata Griffiths

Opuntia dillei Griffiths

Opuntia microcarpa Engelmann ex B.D. Jackson

Opuntia phaeacantha Engelmann var. *discata* (Griffiths) Benson

Opuntia riparia Griffiths

Opuntia tardospina Griffiths

Opuntia valida Griffiths

engelmannii Salm-Dyck ex Engelmann var. ***lindheimeri*** (Engelmann) Parfitt & Pinkava [Benson 1982; M&H; W&S] Note: Perhaps only known as a rare escape in NM.

Engelmann's prickly-pear

Opuntia lindheimeri Engelmann

erinacea Engelmann & Bigelow ex Engelmann var. *erinacea* [= *Opuntia 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).

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. *brachyartha* (Engelmann & Bigelow) Coulter = *Opuntia fragilis* Nuttall

fragilis Nuttall [Benson 1982; M&H; W&S]

pygmy prickly-pear

Opuntia brachyartha Engelmann & Bigelow

Opuntia fragilis Nuttall var. *brachyartha* (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 engelmannii* 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 engelmannii* Salm-Dyck ex Engelmann

phaeacantha Engelmann var. *camanchica* (Engelmann & Bigelow) L. Benson = *Opuntia camanchica* Engelmann & Bigelow

phaeacantha Engelmann var. *discata* Engelmann = *Opuntia engelmannii* 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 zumiensis 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

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 Engelm. var. *santa-rita* (Griffiths & Hare) L. Benson
schottii Engelm. var. *grahamii* (Engelm.) L. Benson = *Grusonia grahamii* (Engelm.) H. Robinson
sphaerocarpa Engelm. & Bigelow = *Opuntia polyacantha* Haworth var. *polyacantha*
spinosa (Engelm.) Toumey = *Cylindropuntia spinosior* (Engelm.) F.M. Knuth
stanlyi Engelm. ex B.D. Jackson = *Grusonia emoryi* (Engelm.) Pinkava
stenochila Engelm. = *Opuntia macrorhiza* Engelm.
tardospina Griffiths = *Opuntia engelmannii* Salm-Dyck ex Engelm. var. *engelmannii*
tenuispina Engelm. = *Opuntia pottsii* Salm-Dyck
tortispina Engelm. & Bigelow [Ferguson 1987; Pinkava 2003; W&S]
 twisted-spine prickly-pear
Opuntia cymochila Engelm. & J.M. Bigelow
Opuntia mackensenii Rose
toumeyii Rose = *Opuntia phaeacantha* Engelm.
trichophora Britton & Rose = *Opuntia polyacantha* Haworth var. *polyacantha*
tunicata (Lehmann) Link & Otto var. *davisii* (Engelm. & Bigelow) L. Benson = *Cylindropuntia davisii* (Engelm. & Bigelow) F.M. Knuth
valida Griffiths = *Opuntia engelmannii* Salm-Dyck ex Engelm.
versicolor Engelm. ex Coulter = *Cylindropuntia versicolor* (Engelm. ex Coulter) Knuth
violacea Engelm. ex B.D. Jackson = *Opuntia macrocentra* Engelm.
violacea Engelm. var. *castetteri* L. Benson = *Opuntia macrocentra* Engelm.
violacea Engelm. var. *macrocentra* (Engelm.) L. Benson = *Opuntia macrocentra* Engelm.
violacea Engelm. var. *santa-rita* (Griffiths & Hare) L. Benson = *Opuntia santa-rita* (Griffiths & Hare) Rose
viridiflora Britton & Rose = *Cylindropuntia viridiflora* (Britton & Rose) F.M. Knuth
whipplei Engelm. & Bigelow var. *viridiflora* (Britton & Rose) L. Benson = *Cylindropuntia viridiflora* (Britton & Rose) F.M. Knuth
whipplei Engelm. & Bigelow var. *whipplei* = *Cylindropuntia whipplei* (Engelm. & Bigelow) F.M. Knuth
wootonii Griffiths = *Opuntia phaeacantha* Engelm.
zuniensis Griffiths = *Opuntia phaeacantha* Engelm.

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 (Engelm.) L. Benson = *Sclerocactus papyracanthus* (Engelm.) N.P. Taylor
simpsonii (Engelm.) Britton & Rose var. *minor* (Engelm.) Cockerell = *Pediocactus simpsonii* (Engelm.) Britton & Rose
simpsonii (Engelm.) Britton & Rose [Heil & Porter 2003; M&H]
 snowball cactus

Echinocactus simpsonii Engelm. var. *minor* Engelm.

Peniocereus cereus

greggii (Engelm.) Britton & Rose var. ***greggii*** [M&H; W&S]

night-blooming cereus

Cereus greggii Engelm.

greggii (Engelm.) Britton & Rose var. *transmontanus* (Engelm.) 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.

+cloverae Heil & Porter subsp. ***brackii*** Heil & Porter [Heil & Porter 1994]

Brack's fish-hook cactus

cloverae Heil & Porter subsp. ***cloverae*** [Castetter et al. 1976; Heil & Porter 1994; M&H]

New Mexico fish-hook cactus

Sclerocactus whipplei (Engelm. & Bigelow) Britton & Rose var. *heilii* Castetter, Pierce & Schwerin

Sclerocactus whipplei (Engelm. & Bigelow) Britton & Rose var. *reevesii* Castetter, Pierce & Schwerin

mesae-verdae (Boissvain & C. Davidson) L. Benson [Heil & Porter 1994; M&H]

Mesa Verde fish-hook cactus

Coloradoa mesae-verdae Boissvain & C. Davidson

Echinocactus mesae-verdae (Boissvain & C. Davidson) L. Benson

papyracanthus (Engelm.) N.P. Taylor [M&H; Sivinski & Lightfoot 1994; W&S]

paper-spine fish-hook cactus

Echinocactus papyracanthus Engelm.

Pediocactus knowltonii L. Benson var. *papyracanthus* (Engelm.) L. Benson

Pediocactus papyracanthus (Engelm.) L.D. Benson

Toumeyia papyracantha (Engelm.) 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 [Castetter, Pierce & Schwerin 1976] = *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 [Castetter, Pierce & Schwerin 1976] = *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 = see FABACEAE

Family CALLITRICHACEAE [1/3/3]

Ricketson, J. 1995. Callitrichaceae. J. Ariz.-Nev. Acad. Sci. 29(1):15-16.

Callitriche water-starwort

hermaphroditica Linnaeus

autumn water-starwort

Callitriche autumnalis Linnaeus

heterophylla Pursh

greater water-starwort

palustris Linnaeus

vernal water-starwort

Callitriche verna Linnaeus

Family CAMPANULACEAE [4/9/10]

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

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

Specularia perfoliata (Linnaeus) A. A.P. de Candolle = *Triodanis perfoliata* (Linnaeus) Nieuwland var. *perfoliata*

Triodanis Venus's-looking-glass

Bradley, T.R. 1975. Hybridization between *Triodanis perfoliata* and *Triodanis biflora* (Campanulaceae). Brittonia 27:110-114.

biflora (Ruiz & Pavon) Greene = *Triodanis perfoliata* (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*.

Specularia holzingeri (McVaugh) Fernald
perfoliata (Linnaeus) Nieuwland var. **perfoliata** [M&H; W&S]
Venus's-looking-glass

Specularia perfoliata (Linnaeus) A. A.P. de Candolle
perfoliata (Linnaeus) Nieuwland var. **biflora** (Ruiz & Pavon) Bradley [Spellenberg et al. 1986]
small Venus's-looking-glass
Specularia biflora (Ruiz & Pavon) Fischer & Meyer
Triodanis biflora (Ruiz & Pavon) Greene

Family CANNABACEAE [2/2/2]

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

Family CAPPARACEAE [4/8/9]

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

Cleomella stinkweed

longipes Torrey [M&H; W&S]

Chiricahua Mountain stinkweed

palmerana M.E. Jones [Sivinski et al. 1995]

Rocky Mountain stinkweed

Koerberlinia = see *Koerberliniaceae*

Peritoma breviflorum Wootton & Standley = *Cleome lutea* Hooker

serrulatum (Pursh) A.P. de Candolle = *Cleome serrulata* Pursh

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 Engelman [Iltis 1958; M&H; W&S]

jack-ass clover

Family CAPRIFOLIACEAE [4/15/18]

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

involucrata (Richardson) Banks ex Sprengel [W&S]

four-line honeysuckle

Distegia involucrata (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

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 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. *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

vestita Wooton & Standley = *Sambucus coerulea* Rafinesque var. *neomexicana* (Wooton) Rehder

Symphoricarpos snowberry

Jones, G.N. 1940. A monograph of the genus *Symphoricarpos*. J. Arnold Arbor. 21:203-252.

albus (Linnaeus) Blake [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 [M&H]

desert snowberry

microphyllus Kunth [Jones 1940]

little-leaf snowberry

occidentalis Hooker [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 [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 [13/60/64]

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

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

weberi Boivin = *Stellaria umbellata* Turczaninow

Arenaria sandwort

Hartman, R.L. & R.K. Rabaler. 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

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

fendleri Gray var. *brevifolia* (Maguire) Maguire = *Eremogone fendleri* (Gray) Ikonnikov

fendleri Gray var. *fendleri* = *Eremogone fendleri* (Gray) Ikonnikov

fendleri Gray var. *tweedyi* (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

meamsii 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. *meamsii* (Wooton & Standley) K. & P. = *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*]
 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
- 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
- *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 var. **nutans** [M&H; W&S]
 nodding chickweed
Cerastium longipedunculatum Muhlenberg
- 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 New Mexico, 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 [M&H; W&S]
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** Wootton & 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. Rabaler. 2004. New combinations in North America *Eremogone* (Caryophyllaceae). *Sida* 29(1):237-241.
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 [M&H; W&S]

Eastwood's sandwort

Arenaria eastwoodiae Rydberg

Arenaria fendleri Gray var. *eastwoodiae* (Rydberg) Harrington

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*]

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.

***paniculata** Linnaeus [Allred 2004]

tall baby's-breath

Lidia obtusiloba (Rydberg) Löve & Löve = *Minuartia obtusiloba* (Rydberg) House

Lychnis alba Miller = *Silene latifolia* Poir. subsp. *alba* (Miller) Greuter & Burdet

drummondii (Hooker) S. Watson = *Silene drummondii* Hooker

Melandrium album (Miller) Garcke = *Silene latifolia* Poir. subsp. *alba* (Miller) Greuter & Burdet

Minuartia

Wagner, W.L. 1983. Noteworthy collections (New Mexico). *Madroño* 30:126. [*M. (Arenaria) stricta* subsp. *texana*]

michauxii (Fenzl) 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

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 Engelmann ex Gray : Reported as expected by M&H map; this seems unlikely in view of the distribution reported by Turner (1981); needs verification.

pulvinata Gray [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*]
Todsens, T.K. 1973. Comments on New Mexico flora. *Sida* 5:135. [*Silene plankii*]

acaulis Linnaeus subsp. *subcaulescens* (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]
drummondii Hooker var. *drummondii* [M&H; W&S]
Drummond's catchfly
Lychnis drummondii (Hooker) S. Watson
Wahlbergella drummondii (Hooker) Rydberg

laciniata Cavanilles var. *greggii* (Gray) C.L. Hitchcock & Maguire [M&H; W&S]
cardinal catchfly
Silene greggii Gray

latifolia Poirret 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 & Maguire [M&H; Todsens 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

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

Spergularia arvensis Linnaeus : Reported as expected by M&H; awaits verification.

Spergularia sandspurry
**maritima* (Allioni) Chiovenda [M&H]
satin-flower
Spergularia media (Linnaeus) Presl

marina (Linnaeus) Grisebach = *Spergularia salina* J. & K. Presl
media (Linnaeus) Presl = *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

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 var. *cinerascens* Robinson

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*, *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. & 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*]

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 [M&H; W&S]

Mexican starwort

Alsine cuspidata (Willdenow) Wootton & Standley

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

****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

umbellata Turczaninow ex Karelin & 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 = see FABACEAE

Family CELASTRACEAE [2/2/2]

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 [1/1/1]

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 [19/71/74]

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 Wootton & Standley = *Atriplex confertifolia* (Torrey & Fremont) S. Watson

confertifolia (Torrey & Fremont) S. Watson [M&H; W&S; Welsh 2003]
 shadscale
Atriplex collina Wootton & 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. *thorneri* Jones
elegans (Moquin-Tandon) D. Dietrich var. *thorneri* Jones = *Atriplex elegans* (Moquin-Tandon) D. Dietrich var. *elegans*
expansa S. Watson = *Atriplex argentea* Nuttall subsp. *expansa* (S. Watson) Hall & Clements

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 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
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

Blitum capitatum Linnaeus = *Chenopodium capitatum* (Linnaeus) Ambrosi
hastatum Rydberg = *Chenopodium capitatum* (Linnaeus) Ambrosi var. *parvicapitatum* S.L. Welsh

Ceratoides lanata (Pursh) J.T. Howell = *Krascheninnikovia lanata* (Pursh) Meeuse & Smit

Chenopodium goosefoot

Aellen, 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 alii]
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* [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. *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 [Clemants & Mosyakin 2003; M&H; Wahl 1952-53]

piñon goosefoot

berlandieri Moquin-Tandon var. *sinuatum* (Murray) Wahlenberg [Clemants & Mosyakin 2003; M&H]

pitted goosefoot

berlandieri Moquin-Tandon var. *zschackei* (Murray) Murray ex Ascherson [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 [Clemants & Mosyakin 2003; M&H; W&S; Wahl 1952-53]

strawberry blite

Blitum hastatum Rydberg

Chenopodium overi Aellen

cornutum (Torrey) Benth & Hooker = *Dysphania graveolens* (Willdenow) Mosyakin & Clemants

cycloides A. Nelson [Allred 1999; Clemants & Mosyakin 2003; Sivinski 1996; Wahl 1952-53]

sandhills goosefoot

desiccatum A. Nelson var. *desiccatum* [M&H]

desert goosefoot

Chenopodium leptophyllum (Nuttall ex Moquin-Tandon) S. Watson subsp. *desiccatum* 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 var. *leptophylloides* Aellen

**foliosum* (Moench) Ascherson [Clemants & Mosyakin 2003]

leafy goosefoot

fremontii S. Watson [Clemants & Mosyakin 2003; M&H; W&S]

Fremont's goosefoot

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 [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

**hircinum* Schrader [Standley 1916; Tidestrom & Kittell 1941]

foetid goosefoot

hybridum of early Amer. authors = *Chenopodium simplex* (Torrey) Rafinesque

humile Hooker = *Chenopodium rubrum* Linnaeus var. *humile* (Hooker) S. Watson

incanum (S. Watson) Heller [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 [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

**murale* Linnaeus [M&H]

nettle-leaf goosefoot

neomexicanum Standley [Clemants & Mosyakin 2003; M&H; Wahl 1952-53]

New Mexico goosefoot

Chenopodium arizonicum Standley

oblongifolium Rydberg = *Chenopodium leptophyllum* Nuttall [M&H]

overi Aellen = *Chenopodium capitatum* (Linnaeus) Ambrosi var. *parvicapitatum* S.L. Welsh

paganum of NM authors, not Reichenbach = *Chenopodium album* Linnaeus

pallescens Standley [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 [Clemants & Mosyakin 2003]

red goosefoot

Chenopodium humile Hooker

salinum Standley = *Chenopodium glaucum* Linnaeus var. *salinum* (Standley) B. Boivin

simplex (Torrey) Rafinesque [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 [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]
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
- 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 incisum Poir var. *neomexicanum* Aellen
Teloxys graveolens (Willdenow) W.A. Weber
- Eurotia lanata* (Pursh) Moquin-Tandon = *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
- Kochia** kochia
 Blackwell, W.H., M.D. Baechle, & 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.
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. Leaflet 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
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
***collina** P.S. Pallas [Forbes & Allred 1999; Mosyakin 2003]
slender Russian-thistle
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
***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. Leaflet 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

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

moquini (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 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 var. *detonsa* Johnston = *Suaeda nigra* (Rafinesque) Macbride

suffrutescens S. Watson var. *suffrutescens* = *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 = see ASTERACEAE

Family CISTACEAE [1/1/1]

Lechea lechea

Worthington, R.D. 2000. New plant distribution records. *The New Mexico Botanist* 14:4. [*Lechea tenuifolia*]

tenuifolia Michaux [Worthington 2000]

pinweed

Family CLUSIACEAE (GUTTIFERAE) [1/2/2]

Hypericum St. John's-wort

Peterson, R.S. 2000. New plant distribution records. *The New Mexico Botanist* 15:7. [*Hypericum perforatum*]

formosum Humboldt, Bonpland, & Kunth [M&H; W&S]

St. John's-wort

Hypericum formosum Humboldt, Bonpland, & Kunth var. *scouleri* (Hooker) Coulter

Hypericum scouleri Hooker

formosum Humboldt, Bonpland, & Kunth var. *scouleri* (Hooker) Coulter = *Hypericum formosum* Humboldt, Bonpland, & Kunth

perforatum Linnaeus [Peterson 2000]

St. John's-wort, Klamath weed
scouleri Hooker = *Hypericum formosum* Humboldt, Bonpland, & Kunth

Family *COCHLOSPERMACEAE* = see *BIXACEAE*

Family *COMPOSITAE* = see *ASTERACEAE*

Family CONVULVACEAE [6/25/26]

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** bindweed
**arvensis* Linnaeus [Austin 1990; M&H; W&S]
field bindweed
equitans Bentham [Austin 1990; M&H; W&S]
Texas bindweed
Convolvulus incanus Vahl
incanus Vahl = *Convolvulus equitans* Bentham
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
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
pilosus Nuttall = *Evolvulus nuttallianus* Roemer & Schultes
sericeus Swartz var. *discolor* (Bentham) Gray = *Evolvulus sericeus* Swartz var. *sericeus*
sericeus Swartz var. *sericeus* [Austin 1990; M&H; W&S]
silvery morning-glory
Evolvulus sericeus Swartz var. *discolor* (Bentham) 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
crisulata 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].
muricata Cavanilles = *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
Quamoclit coccinea (auct., non Linnaeus) Moench = *Ipomoea cristulata* H. Hall.
hederifolia (auct., non Linnaeus) Choisy = *Ipomoea cristulata* H. Hall.

Family *CORRIGIOLACEAE* = see *CARYOPHYLLACEAE*

Family *CORNACEAE* [1/2/2]

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 [M&H]

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 [2/7/9]

Clemensia rhodantha (Gray) Rose = *Sedum rhodanthum* Gray

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

Rhodiola 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.

Family CROSSOSOMATAACEAE [2/3/3]

Apacheria 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 = see BRASSICACEAE

Family CUCURBITACEAE [12/18/20]

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
**lanatus* (Thunberg) Matsumura & Nakai var. *lanatus* [M&H; W&S]
watermelon
Citrullus citrullus (Linnaeus) Small
vulgaris Schrader var. *citroides* Bailey = *Citrullus lanatus* (Thunberg) Matsumura & Nakai var. *citroides* (Bailey) Mansf.
vulgaris Schrader var. *vulgaris* = *Citrullus lanatus* (Thunberg) Matsumura & Nakai var. *lanatus*

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

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
lobata (Michaux) Torrey & Gray [M&H]
wild cucumber
Micrampelis lobata (Michaux) Greene

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) Cogn.
Echinopepon confusus Rose
Elaterium wrightii Gray

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
- Momordica** balsam-apple
 Spellenberg, R. 1996. New plant distribution records. The New Mexico Botanist 4:8. [*Momordica balsamina*]
 **balsamina* Linnaeus [Spellenberg 1996]
 balsam-apple
- Sicyos** bur-cucumber
ampelophyllus Wooton & Standley [M&H; W&S]
 streamside bur-cucumber
Sicyos laciniatus Linnaeus var. *subintigera* Cogn.
- glaber* Wooton [M&H; W&S]
 smooth bur-cucumber
- parviflorus* Willdenow [M&H; W&S]
 small bur-cucumber
- Sicyosperma** arrowheads
gracile Gray [M&H]
 climbing arrowheads

Family CUSCUTACEAE [1/19/21]

- 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*]
 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
campestris Yuncker = *Cuscuta pentagona* Engelmam var. *pentagona*
- cephalanthii* Engelmam [M&H]
 buttonbush dodder
- coryli* Engelmam [M&H]
 hazel dodder
- curta* (Engelmam) Rydberg = *Cuscuta megalocarpa* Rydberg
- cuspidata* Engelmam [Allred 1999]
 cusp dodder
- **epithimum* Linnaeus [M&H]
 clover dodder
- +*fasciculata* Yuncker [Yuncker 1932]
 clustered dodder
- glabrior* (Engelmam) Yuncker = *Cuscuta pentagona* Engelmam var. *glabrior* (Engelmam) Gandhi, Thomas & Hatch [M&H]
- glomerata* Choisy [Yuncker 1932]
 rope dodder
- gronovii* Willdenow ex J.A. Schultes [M&H]
 scaldweed
- indecora* Choisy [M&H]
 large-seed dodder
- leptantha* Engelmam [M&H]
 slender dodder
- megalocarpa* Rydberg [M&H]
 big-fruit dodder
Cuscuta curta (Engelmam) Rydberg
 mitriformis Engelmam : Reported as expected by M&H map; awaits verification.
- pentagona* Engelmam var. *glabrior* (Engelmam) Gandhi, Thomas & Hatch [M&H]
 bush-clover dodder
Cuscuta glabrior (Engelmam) Yuncker
- pentagona* Engelmam var. *pentagona* [M&H]
 bush-clover dodder
Cuscuta campestris Yuncker

pentagona Engelmann var. *pubescens* (Engelmann) Yuncker [Yuncker 1921]
potosina Schaffner var. *globifera* Yuncker [Yuncker 1921, 1965]
 globe dodder
salina Engelmann [M&H]
 goldenthread
squamata Engelmann [M&H]
 scale-flower dodder
 **suaveolens* Seringe : Reported without documentation by Kartesz (1999); awaits verification.
tuberculata Brandegee [Yuncker 1921, 1965]
umbellata Humboldt, Bonpland, & Kunth [M&H]
 flat-globe dodder
warneri Yuncker [Peterson 2000]
 Warner's dodder

Family *DICHONDRACEAE* = see *CONVOLVULACEAE*

Family DIPSACACEAE [1/1/1]

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 *EHRETIAEAE* = see *BORAGINACEAE*

Family ELAEAGNACEAE [2/3/3]

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 [2/3/3]

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 referred to *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 Schkuhr var. *americana* (Pursh) Fassett : This taxon occurs to the east of NM; our material referred to *Elatine rubella* Rydberg

Family *EPILOBIACEAE* = see *ONAGRACEAE*

Family ERICACEAE [10/18/18]

[including *Monotropaceae* and *Pyrolaceae*]

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
- Arctostaphylos** manzanita
 Adams, J.E. 1940. A systematic study of the genus *Arctostaphylos* Adans. *Jour. Elisha Mitchell Soc.* 56:1-62.
pungens Humboldt, Bonpland, & 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
 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
- Gaultheria** wintergreen
humifusa (Graham) Rydberg [M&H]
 alpine wintergreen
- Hypopitys latisquama* Rydberg = *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 Monotropeidae (Ericaceae): Taxonomy and distribution. *Wasmann J. Biol.* 33:1-88.
hypopitys Linnaeus [M&H; W&S; Wallace 1975]
 Indian-pipe
Hypopitys latisquama Rydberg
Monotropa hypopitys Linnaeus var. *latisquama* (Rydberg) Kearney & Peebles
Monotropa latisquama (Rydberg) Hultén
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
andromedea Nuttall [M&H; W&S]
 woodland pinedrops
- Pyrola** wintergreen
 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

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.

caespitosum 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 [11/71/73]

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

Argythamnia cyanophylla (Wootton & Standley) Ingram = *Ditaxis cyanophylla* Wootton & Standley

humilis (Engelmann & Gray) Müller Argoviensis = *Ditaxis humilis* (Engelmann & Gray) Pax

laevis (Torrey) Müller Argoviensis = *Ditaxis humilis* (Engelmann & 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 = *Bernardia obovata* I.M. Johnston

obovata I.M. Johnston [Allred 2002; M&H; W&S]

desert bernardia

Bernardia myricifolia of NM authors

Chamaesyce spurge

Allred, K.W. 2002. Plant distribution reports. *The New Mexico Botanist* 24:7. [*Ch. 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) Wooton & 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) Wooton & Standley
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) Wooton & 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 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 Engelmann) Wooton & Standley [M&H; W&S]
desert spurge
Euphorbia micromera Boissier ex Engelmann
missurica (Rafinesque) Shinnars [M&H; W&S]
prairie spurge
Chamaesyce petaloidea (Engelmann) Small
Euphorbia missurica Rafinesque var. *intermedia* (Engelmann) L.C. Wheeler
Euphorbia petaloidea Engelmann
neomexicana (Greene) Standley = *Chamaesyce serpyllifolia* (Persoon) Small
nutans (Lagasca) Small [W&S]
eyebane
Euphorbia nutans Lagasca
Euphorbia preslii Gussone
parryi (Engelmann) Rydberg [M&H; W&S]
Parry's spurge
Chamaesyce flagelliformis (Engelmann) Rydberg
Euphorbia parryi Engelmann
petaloidea (Engelmann) Small = *Chamaesyce missurica* (Rafinesque) Shinnars
prostrata (Aiton) Small [M&H]
prostrate spurge
Euphorbia prostrata Aiton
revoluta (Engelmann) Small [M&H; W&S]
curl-leaf spurge
Euphorbia revoluta Engelmann

rugulosa (Engelmann) 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 (Engelmann) Rydberg

Euphorbia neomexicana Greene

Euphorbia serpyllifolia Persoon

Euphorbia serpyllifolia Persoon var. *rugulosa* Engelmann

serrula (Engelmann) Wooton & Standley [M&H; W&S]

saw-tooth spurge

Euphorbia serrula Engelmann

setiloba (Engelmann ex Torrey) Millspaugh ex Parish [M&H]

shaggy spurge

Euphorbia setiloba Engelmann ex Torrey

stictospora (Engelmann) Small [M&H; W&S]

slim-seed spurge

Euphorbia stictospora Engelmann

vermiculata (Rafinesque) House [M&H]

worm-seed spurge

Euphorbia vermiculata Rafinesque

villifera (Scheele) Small [M&H]

hairy spurge

Euphorbia villifera Scheele

Croton croton

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 Engelmann = *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

fruticulosus Engelmann 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

neomexicanus Müller Argoviensis = *Croton dioicus* Cavanilles

pottsii (Klotzsch) Müller Argoviensis [M&H; W&S]

leatherweed

Croton corymbulosus Engelmann

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

Argythamnia cyanophylla (Wooton & Standley) Ingram

humilis (Engelmann & Gray) Pax forma ***humilis*** [M&H; W&S]

Aphora humilis Engelmann & Gray

Argythamnia hmilis (Engelmann & Gray) Müller Argoviensis

humilis (Engelmann & Gray) Pax forma ***laevis*** (Gray ex Torrey) B.L. Turner [M&H]

low silverbush

Aphora laevis Torrey

Argythamnia 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*]
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

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 Engelmann [M&H; W&S]

black-seed spurge

Zygophyllum bilobatum (Engelmann) Standley

brachycera Engelmann [M&H; W&S]

horned spurge

Euphorbia lurida Engelmann

Euphorbia montana Engelmann

Euphorbia montana Engelmann var. *robusta* Engelmann

Euphorbia odontadenia Boissier

Euphorbia philora (Cockerell) Tidestrom

Euphorbia robusta (Engelmann) Small ex Britton

Tithymalus brachycerus (Engelmann) Small

Tithymalus luridus (Engelmann) Wooton & Standley

Tithymalus robustus (Engelmann) Small

capitellata Engelmann = *Chamaesyce capitellata* (Engelmann) Millspaugh

carunculata Waterfall = *Chamaesyce carunculata* (Waterfall) Shinnars

chamaesula Boissier [M&H; W&S]

mountain spurge

Tithymalus chamaesula (Boissier) Wooton & Standley

crenulata Engelmann [Tidestrom & Kittell 1941]

Chinese caps

cuphosperma (Engelmann) Boissier [M&H; W&S]

hairy-fruit spurge

Euphorbia dentata Michaux var. *cuphosperma* Engelmann

Euphorbia dentata Michaux f. *cuphosperma* (Engelmann) Fernald

Poinsettia cuphosperma (Engelmann) 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 var. *cuphosperma* Engelm = *Euphorbia cuphosperma* (Engelm) Boissier
dentata of numerous authors, not Michaux (see below) = *Euphorbia davidii* Subils
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
dilatata Torrey & Gray [not Hochstetter ex A. Richard] = *Chamaesyce lata* (Engelm) Small
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 var. *uralensis* (Fischer ex Link) Dorn
Euphorbia esula Linnaeus subsp. *×pseudovirgata* (Schur) Govaerts
Euphorbia ×pseudovirgata (Schur) Soó
Euphorbia uralensis Fischer ex Link
Tithymalus esula (Linnaeus) Scopoli
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 [Oudejans 1989; Mayfield 1993]
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) Small
hyssopifolia Linnaeus = *Chamaesyce hyssopifolia* (Linnaeus) Small
indivisa (Engelm) Tidestrom = *Chamaesyce dioica* (Kunth) Millspaugh
lata Engelm = *Chamaesyce lata* (Engelm) Small
lathyris Linnaeus : Reported as expected by M&H; awaits verification.
lurida Engelm = *Euphorbia brachycera* Engelm
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
micromera Boissier = *Chamaesyce micromera* (Boissier ex Engelm) Wooton & Standley
missurica Rafinesque var. *intermedia* (Engelm) L.C. Wheeler = *Chamaesyce missurica* (Rafinesque) Shinn
****myrsinites*** Linnaeus [Cox 2001]
myrtle spurge
neomexicana Greene = *Chamaesyce serpyllifolia* (Persoon) Small
odontadenia Boissier = *Euphorbia brachycera* Engelm
parryi Engelm = *Chamaesyce parryi* (Engelm) Rydberg
****peplus*** Linnaeus [Allred 1996]
petty spurge
Tithymalus peplus (Linnaeus) Gaertner
prostrata Aiton = *Chamaesyce prostrata* (Aiton) Small
radians Benth : Reported without documentation by Kartesz (1999); awaits verification.
revoluta Engelm = *Chamaesyce revoluta* (Engelm) Small
robusta (Engelm) Small ex Britton = *Euphorbia brachycera* Engelm
serpens Humboldt, Bonpland, & Kunth = *Chamaesyce serpens* (Humboldt, Bonpland, & Kunth) Small
serpyllifolia Persoon = *Chamaesyce serpyllifolia* (Persoon) Small
serrula Engelm = *Chamaesyce serrula* (Engelm) Wooton & Standley
setiloba Engelm ex Torrey = *Chamaesyce setiloba* (Engelm ex Torrey) Millspaugh
spathulata Lamarck [M&H; W&S]
wart spurge
Euphorbia arkansana Engelm & Gray
Euphorbia arkansana Engelm & Gray var. *atrosemina* Norton
Euphorbia dictyosperma Fischer & Meyer
Euphorbia dictyosperma Fischer & Meyer var. *mexicana* Engelm

- 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
vermiculata Rafinesque = *Chamaesyce vermiculata* (Rafinesque) House
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.
macrorrhiza Bentham [M&H; W&S]
 ragged nettle-spurge
- 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 dentata* Michaux var. *cuphosperma* Engelmann
dentata auct. = *Euphorbia davidii* Subils
havanensis (Willdenow) Small = *Euphorbia heterophylla* Linnaeus
- Reverchonnia** sandy-mat
 Webster, G.L. & K.I. Miller. 1963. The genus *Reverchonnia* (Euphorbiaceae). *Rhodora* 65:193-207.
arenaria Gray [M&H; W&S]
 sandy-mat
- Stillingia** tooth-leaf
linearifolia (Torrey) Small = *Stillingia texana* I.M. Johnston
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
- Tithymalopsis strictior* (Holzinger) Wooton & Standley = *Euphorbia strictior* Holzinger
Tithymalus altus (Norton) Wooton & Standley = *Euphorbia alta* Norton
chamaesula (Boissier) Wooton & Standley = *Euphorbia chamaesula* Boissier
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
- 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
- Zygophyllidium exstipulatum* (Engelmann) Wooton & Standley = *Euphorbia exstipulata* Engelmann
bilobatum (Engelmann) Standley = *Euphorbia bilobata* Engelmann
delicatulum Wooton & Standley = *Euphorbia bifurcata* Engelmann

Family FABACEAE (LEGUMINOSAE) [51/261/326]
 [including Caesalpiniaceae and 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.
- Isely, D. 1998. Native and naturalized Leguminosae (Fabaceae) of the United States. Monte L. Bean Life Science Museum, Brigham Young University, Provo, Utah. 1007 pp.
- Isely, D. & R.M. Polhill. 1980. Leguminosae: Subfamily Papilionoideae. Taxon 29:105-119.
- 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
- constricta*** Benth. var. ***constricta*** [M&H; W&S]
western white-thorn acacia
- constricta*** Benth. var. ***paucispina*** Wooton & 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 Benth. 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
- Acmispon americanum*** (Nuttall) Rydberg = *Lotus purshianus* (Benth.) Clements & Clements
- Acuan illinoense*** (Michaux) Kuntze = *Desmanthus illinoensis* (Michaux) MacMillan
- jamesii*** (Torrey & Gray) Kuntze = *Desmanthus cooleyi* (Eaton) Trelease
- ## **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
- ## **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.
- 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
Anisolotus mollis (Greene) Heller = *Lotus greenei* (Wooton & Standley) Ottley
neomexicanus (Greene) Heller = *Lotus plebeius* (Brandege) Barneby
nummularius (M.E. Jones) Wooton & Standley = *Lotus plebeius* (Brandege) Barneby
puberulus (Benth) Wooton & Standley = *Lotus plebeius* (Brandege) 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
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. [Fabaceae]
 Barneby, R.C. 1979. *Dragma hippomanicum* IV. New taxa of *Astragalus* sect. *Humillimi*. *Brittonia* 31(4):459-463. [Fabaceae]
 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.
 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*]
 Isely, D. 1983. New combinations and two new varieties in *Astragalus*, *Orophaca*, and *Oxytropis* (Leguminosae). *Syst. Bot.* 8(4):420-426.
 Isely, D. 1984. *Astragalus* L. (Leguminosae: Papilionoideae) II: Species summary A-E. *Iowa State J. Res.* 59:99-209.
 Knight, P.J. 1984. Noteworthy collections (New Mexico). *Madroño* 31:63. [*Astragalus humillimus*]
 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*]
 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 atum (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. **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
bigelovii Gray = *Astragalus mollissimus* Torrey var. *bigelovii* (Gray) 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
bodinii Sheldon [M&H]
Bodin's milkvetch
brandegeei Porter [M&H; W&S]
Brandegees' 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
+***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 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
crassicaarpus Nuttall var. ***cavus*** Barneby [M&H]
ground-plum
crassicaarpus Nuttall var. ***crassicaarpus*** [M&H; W&S]
ground-plum
Astragalus carnosus Pursh
Geoprumnon crassicaarpum (Nuttall) Rydberg
crassicaarpus Nuttall var. ***paysonii*** (Kelso) Barneby [Allred 1999]
ground-plum
+***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
desperatus Jones [Spellenberg et al. 1986]
 rimrock milkvetch
diphysus 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) Rydberg
egglestonii (Rydberg) Kearney & Peebles [M&H]
 Eggleston's milkvetch
Tium egglestonii Rydberg
elatiocarpus Sheldon = *Astragalus lotiflorus* Hooker
emoryanus (Rydberg) Cory [M&H]
 red-stemmed peavine, Emory's milkvetch
Hamosa emoryana Rydberg
episcopus S. Watson [Barneby 1989]
 Bishop's milkvetch
+*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*
flaviflorus (Kuntze) Sheldon = *Astragalus flavus* Nuttall var. *flavus*
flavus Nuttall var. *candicans* Gray = *Astragalus flavus* Nuttall
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
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 sierrae-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 (Pallas) Sheldon
Astragalus giganteus (Pallas) Sheldon var. *yaquianus* (S. Watson) M.E. Jones
Astragalus texanus Sheldon
Astragalus yaquianus S. Watson
gilensis Greene [M&H; W&S]
 Gila milkvetch
Batidophaca gilensis (Greene) Rydberg
goniatus Nuttall = *Astragalus agrestis* Douglas ex G. Don
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 familica (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

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 diphyum (Gray) Rydberg
Tragacantha diphysa (Gray) Kuntze
lonchocarpus Torrey [M&H; W&S]
 great rushy milkvetch
Phaca macrocarpa Gray
lotiflorus Hooker [M&H; W&S]
 lotus milkvetch
Astragalus elatiocarpus Sheldon
Batidophaca lotiflora (Hooker) Rydberg
Phaca lotiflora (Hooker) Torrey & Gray
Tragacantha lotiflora (Hooker) Kuntze
matthewsii S. Watson = *Astragalus mollissimus* Torrey var. *matthewsii* (S. Watson) Barneby
+micromerius Barneby [M&H]
 Chaco milkvetch
+missouriensis Nuttall var. **accumbens** (Sheldon) Isely [Isely 1983; M&H; W&S]
 Zuni milkvetch
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
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. **matthewsii** (S. Watson) Barneby [M&H; W&S]
 Matthew's wooly locoweed
Astragalus bigelovii Gray var. *matthewsii* (S. Watson) M.E. Jones
Astragalus matthewsii 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
pattersonii Gray in Brandegee [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.
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) Wooton & 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
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
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
+*siliceus* Barneby [M&H]
 Flint Mountain milkvetch
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].
tenellus Pursh = *Astragalus multiflorus* (Pursh) Gray
tephrodes Gray var. ***brachylobus*** (Gray) Barneby [M&H; W&S]
 silverline locoweed
Astragalus curtlobus 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
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
vaccarum Gray [M&H; W&S]
 cow spring milkvetch
Hamosa vaccarum (Gray) Rydberg
Tragacantha vaccarum (Gray) Kuntze
waterfallii Barneby [M&H]
 Waterfall's milkvetch
wingatanus S. Watson [M&H; W&S]
 Fort Wingate milkvetch
Homalobus winatanus (S. Watson) Rydberg
+*wittmannii* Barneby [Barneby 1979]
 Wittmann's milkvetch
wootonii Sheldon = *Astragalus allochrous* Gray var. *playanus* (M.E. Jones) Isely
yaquiianus S. Watson = *Astragalus giganteus* S. Watson
zionis M.E. Jones var. *zionis* : Reported without documentation by Kartesz (1999); awaits verification.
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
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
Hoffmannseggia jamesii Torrey & Gray

Calliandra stick-pea
eriophylla Benthham [M&H; W&S]
 fairy duster
Calliandra chamaedrys Engelm
humilis Benthham var. ***humilis*** [M&H; W&S]
 dwarf stick-pea
Calliandra herbacea Benthham
humilis Benthham var. ***reticulata*** (Gray) L. Benson [M&H; W&S]
 dwarf stick-pea
Calliandra reticulata Gray
reticulata Gray = *Calliandra humulis* Benthham 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) Ghandi & Hatch
leptocarpa Benthham 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

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.

Cologania cologania
 Turner, B.L. 1992. Taxonomic overview of the genus *Cologania* (Fabaceae, *Phaseoleae*). *Phytologia* 73(4):281-301.
angustifolia Kunth [M&H; W&S]
 long-leaf cologania

- Cologania longifolia* Gray
broussonettii (Balb.) A.P. de Candolle [M&H; W&S]
 Broussonett's cologania
Cologania pallida Rose
Cologania pulchella Humboldt, Bonpland, & Kunth
longifolia Gray = *Cologania angustifolia* Kunth
pallida Rose = *Cologania broussonettii* (Balb.) A.P. de Candolle
pulchella Humboldt, Bonpland, & Kunth = *Cologania broussonettii* (Balb.) DC.
- 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.
- Dalea** prairie-clover
 Barneby, R.C. 1977. Daleae Imagines. Mem. New York Bot. Gard. 27:1-892. [Fabaceae: *Dalea*]
 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 *Petalostemon* (Leguminosae). Iowa State J. Sci. 45:1-102.
- albiflora** Gray [Barneby 1977; M&H; W&S]
 Ord's prairie-clover
Dalea ordiae Gray
Parosela albiflora (Gray) Vail
argyraea 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
- 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* 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

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

lanata Sprengel var. *lanata* [M&H; W&S]
 wooly prairie-clover

lanata Sprengel var. *terminalis* (M.E. Jones) Barneby [Barneby 1977; M&H; W&S]
 wooly prairie-clover
Dalea glaberrima S. Watson
Parosela glaberrima (S. Watson) Rose
Parosela terminalis (M.E. Jones) Heller

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) Shinnars

ordiae Gray = *Dalea albiflora* Gray

pogonathera Gray [M&H; W&S]
 bearded prairie-clover
Parosela pogonathera (Gray) Vail

polygonoides Gray var. *anomala* (M.E. Jones) Morton = *Dalea polygonoides* Gray var. *polygonoides*

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

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
Petalostemum molle Rydberg
Petalostemon purpureum (Ventenat) Rydberg
Petalostemum purpureum (Ventenat) Rydberg var. *molle* (Rydberg) A. Nelson

- Petalostemum violaceum* Michaux
+scariosa S. Watson [Barneby 1977; M&H; W&S]
 Albuquerque prairie-clover
Petalostemon prostratus Wooton & Standley
Petalostemon scariosus (S. Watson) Wemple
scoparia Gray = *Psorothamnus scoparius* (Gray) Rydberg
tenuifolia (Gray) Shinnars [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
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
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
***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
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
Dalea 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
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
wrightii A. Gray = *Desmodium psilophyllum* Schlectendal
Dolicholus texanus (Torrey & A. Gray) Vail = *Rhynchosia senna* Gillies ex Hooker var. *texana* (Torrey & A. Gray) M.C. Johnston
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
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
wrightii A. Gray var. *wrightii* [M&H; W&S]
 Wright's milk-pea
Galactia tephrodes A. Gray
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
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
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 [Isely 1975]
drepanocarpa A. Gray [M&H; W&S]
 sickle-pod hog-potato
Caesalpinia drepanocarpa (A. Gray) E.M. Fisher [Barneby 1989]
glauca (Ortega) Eifert [M&H; W&S]
 waxy rush-pea
Hoffmannseggia densiflora Bentham
jamesii Torrey & A. Gray = *Pomaria jamesii* (Torrey & A. Gray) Walpers
Hosackia 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
Krameria = see KRAMERIACEAE

Kummerowia striata (Thunberg) Schindler [= *Lespedeza 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. *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

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 &

Mietty 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

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

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, *Simpetaria*. Brittonia 5:81-123.

***corniculatus** Linnaeus [M&H]

birds-foot trefoil

greenei Ottley ex Kearney & Peebles [M&H; W&S]

Greene's trefoil

humistratus Greene [M&H; W&S]

foothill trefoil

Anisolotus brachycarpus (Bentham) Rydberg

Anisolotus trispermus (Greene) Wooton & Standley

Hosackia brachycarpa Benth
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
Lotus neomexicanus Greene
Anisolotus nummularius (M.E. Jones) Wooton & Standley
Hosackia rigida Benth var. *nummularia* M.E. Jones
Lotus ×*nummularius* (M.E. Jones) Tidestrom
Anisolotus puberulus (Benth) Wooton & Standley
Lotus puberulus (Benth) Greene
puberulus (Benth) Greene = *Lotus plebeius* (Brandegee) Barneby
purshianus (Benth) Clements & Clements [M&H; W&S]

Pursh's trefoil

Acmispon americanum (Nuttall) Rydberg
Hosackia purshiana Benth
Lotus americanus (Nuttall) Rydberg
rigidus (Benth) Greene : Reported by W&S (as *Anisolotus rigidus* Benth), but not occurring in NM [Barneby 1989; M&H]
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. *argentatus*]
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. Wats [M&H; W&S]
silvery lupine
Lupinus aduncus Greene
Lupinus argophyllus (Gray) Cockerell
Lupinus caudatus Kellogg subsp. *argophyllus* (Gray) Phillips
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

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

hillii Greene = *Lupinus argenteus* Pursh var. *hillii* (Greene) Barneby

ingratus Greene = *Lupinus argenteus* Pursh var. *fulvomaculatus* (Payson) Barneby [M&H; W&S]

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

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 concinnus* Agardh var. *orcuttii* (S. Watson) C.P. Smith

neomexicanus Greene [M&H; W&S]

New Mexico lupine

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 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 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

Macroptilium 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
- 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** (Benth) Barneby [Isely 1998; M&H; W&S]
wait-a-minute-bush
Mimosa biuncifera Benth
Mimosa biuncifera Benth var. *glabrescens* Gray
Mimosa biuncifera Benth var. *lindheimeri* (Gray) Robinson
Mimosa flexuosa Benth
Mimosa lindheimeri Gray
Mimosa warnockii B.L. Turner
Mimosopsis biuncifera (Benth) Britton & Rose
Mimosopsis biuncifera (Benth) Britton & Rose var. *flexuosa* (Benth) Robinson
Mimosopsis flexuosa (Benth) Britton & Rose
biuncifera Benth = *Mimosa aculeaticarpa* Ortega var. *biuncifera* (Benth) Barneby
biuncifera Benth var. *glabrescens* Gray = *Mimosa aculeaticarpa* Ortega var. *biuncifera* (Benth) Barneby
biuncifera Benth var. *lindheimeri* (Gray) Robinson = *Mimosa aculeaticarpa* Ortega var. *biuncifera* (Benth) Barneby
borealis Gray [Barneby 1991; M&H; W&S]
fragrant mimosa
Mimosa fragrans Gray
flexuosa Benth = *Mimosa aculeaticarpa* Ortega var. *biuncifera* (Benth) Barneby
dysocarpa Benth [Barneby 1991; M&H; W&S]
velvety mimosa
Mimosa dysocarpa Benth var. *wrightii* (Gray) Kearney & Peebles
Mimosa wrightii Gray
dysocarpa Benth var. *wrightii* (Gray) Kearney & Peebles = *Mimosa dysocarpa* Benth
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

**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* (Benth) Barneby

wrightii Gray = *Mimosa dysocarpa* Benth

Morongia occidentalis Wooton & Standley = *Mimosa quadrivalvis* Linnaeus var. *occidentalis* (Wooton & Standley) Barneby

Onobrychis sainfoin

onobrychis (Linnaeus) Rydberg = *Onobrychis viciifolia* Scopoli [M&H]

**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

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

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

aurea (Nuttall) Britton = *Dalea aurea* Nuttall

brachystachys (Gray) Heller = *Dalea brachystachys* Gray

calycosa (Gray) Heller = *Marina calycosa* (Gray) Barneby

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
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 (Wootton & Standley) Rydberg [M&H; W&S]

intermountain breadroot

Psoralea megalantha Wootton & Standley

pentaphyllum (Linnaeus) Grimes [M&H]

small breadroot

Psoralea trinervata (Rydberg) Standley

Pediomelum trinervatum Rydberg

Petalostemon candidus (Willdenow) Michaux var. *candidus* = Dalea candida Willdenow var. *candida*

candidus (Willdenow) Michaux var. *oligophyllum* (Torrey) F.J. Hermann = Dalea candida Willdenow var. *oligophylla* (Torrey) Shinnors

compactus (Sprengel) Swezey = Dalea compacta Sprengel

exilis Gray = Dalea exigua Barneby

macrostachyus Torrey = Dalea cylindriceps Barneby

occidentalis (Gray ex Heller) Fernald = Dalea candida Willdenow var. *oligophylla* (Torrey) Shinnors

oligophyllum (Torrey) Rydberg = Dalea candida Willdenow var. *oligophylla* (Torrey) Shinnors

prostratus Wootton & Standley = Dalea scariosa S. Watson

pulcherrimus (Heller) Heller = Dalea compacta Sprengel var. *pubescens* (Gray) Barneby

purpureus (Ventenat) Rydberg = Dalea purpurea Ventenat var. *purpurea*

scariosus (S. Watson) Wemple = Dalea scariosa S. Watson

tenuifolius Gray = Dalea tenuifolia (Gray) Shinnors

villosus Nuttall = Dalea villosa (Nuttall) Sprengel var. *villosa*

Peteria peteria

Porter, C.L. 1956. The genus *Peteria* (Leguminosae). Rhodora 58:344-354.

scoparia Gray [M&H; W&S]

rush peteria

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]

tepary bean
acutifolius Gray var. *tenuifolius* Gray [M&H; W&S]
tepary bean
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 Bentham [M&H]
slimjim bean
Phaseolus wrightii Gray
grayanus Wooton & Standley = *Phaseolus pedicellatus* Bentham 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 Bentham, non Moench
metcalfei Wooton & Standley = *Phaseolus maculatus* Scheele
parvulus Greene [M&H; W&S]
Pinos Altos bean
Alepidocalyx parvulus (Greene) Piper
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
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
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.
- 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
- 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
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
- 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 its 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 [M&H]
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) Taub.
- 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
- 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.
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
- Trifolium** **clover**

Allred, K.W. 1999. New plant distribution records. *The New Mexico Botanist* 13:7. [*Trifolium campestre*]
 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.
 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
 ***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 rusbyi Greene subsp. *neurophyllum* (Greene) Heller & Zohary
longipes Nuttall var. **reflexum** A. Nelson [W&S]
 long-stalk clover
Trifolium rydbergii Greene
longipes Nuttall var. **rusbyi** (Greene) Harrington [Isely 1998]
 long-stalk clover
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
wormskjoldii Lehmann [M&H; W&S]
 cusp clover
Trifolium arizonicum Greene
Trifolium fendleri Greene
Trifolium lacerum Greene
Trifolium longicaule Wooton & Standley
Trifolium mucronatum Willdenow ex Sprengel subsp. *lacerum* (Greene) J.M. Gillett
Trifolium willdenovii Sprengel
Trifolium wormskjoldii Lehmann var. *longicaule* (Wooton & Standley) L. Benson
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 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

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 Wooton & Standley = *Vicia pulchella* Humboldt, Bonpland, & Kunth

pulchella Humboldt, Bonpland, & Kunth [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

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

Family FAGACEAE [1/16/16]

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.

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 Engelm = *Quercus hypoleucoides* A. Camus

hypoleucoides A. Camus [Nixon 1997; M&H; W&S]

silver-leaf oak

Quercus hypoleuca Engelm

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: New Mexico 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

toumeyii 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 [1/1/1]

Henrickson, J. 1972. A taxonomic revision of Fouquieriaceae. *Aliso* 7:439-537.

Fouquieria coach-whip

splendens Engelm [M&H; W&S]

ocotillo

Family FRANKENIACEAE [1/1/1]

Frankenia frankenia

jamesii Torrey ex Gray [M&H; W&S]

James's frankenia

Family FUMARIACEAE [1/2/3]

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 Engelmann subsp. *occidentalis* (Engelmann ex Gray) W.A. Weber = *Corydalis aurea* Willdenow subsp. *occidentalis*
(Engelmann ex Gray) G. Ownbey

montana Engelmann = *Corydalis aurea* Willdenow subsp. *occidentalis* (Engelmann ex Gray) G. Ownbey

Family GARRYACEAE [1/3/3]

Garrya silktassel

Dahling, G.V. 1978. Systematics and evolution of *Garrya*. Contr. Gray Herb. No. 209.

flavescens sensu NM authors = *Garrya ovata* Bentham subsp. *goldmanii* (Wooton & Standley) Dahling

goldmanii Wooton & Standley = *Garrya ovata* Bentham ssp. *goldmanii* (Wooton & Standley) Dahling

ovata Bentham 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 [10/24/26]

Amarella heterosepala (Engelmann) Greene = *Gentianella amarella* (Linnaeus) Boerner subsp. *heterosepala* (Engelmann) Gillett

scopolorum Greene = *Gentianella amarella* (Linnaeus) Boerner subsp. *heterosepala* (Engelmann) Gillett

strictiflora (Rydberg) Greene = *Gentianella amarella* (Linnaeus) Boerner subsp. *acuta* (Michaux) Gillett

Anthopogon barbellatus (Engelmann) Rydberg = *Gentianopsis barbellata* (Engelmann) Iltis

elegans (A. Nelson) Rydberg = *Gentianopsis thermalis* (Kuntze) Iltis

Centaureum 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 (Engelmann) B.L. Robinson = *Zeltnera nudicaulis* (Engelmann) 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 bigelovii (Gray) Rydberg = *Gentiana bigelovii* Gray

interrupta (Greene) Rydberg = *Gentiana affinis* Grisebach

parryi (Engelmann) Rydberg = *Gentiana parryi* Engelmann

romanzovii (Ledebour) Rydberg = *Gentiana algida* Pallas

rusbyi (Greene) Wooton & Standley = *Gentiana rusbyi* Greene

Erythaea calycosa Buckley = *Zeltnera calycosa* (Buckley) Mansion

Eustoma prairie gentian

Shinners, 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

russellianum (Hooker) G. Don in Sweet [M&H; W&S]

Russell's prairie gentian

- Eustoma grandiflorum* (Rafinesque) Shinnery
Lisanthus russellianus Hooker
grandiflorum (Rafinesque) Shinnery = *Eustoma russellianum* (Hooker) G. Don ex Sweet
- 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]
 pleated gentian
Dasystephana affinis (Grisebach) Rydberg
Dasystephana interrupta (Greene) Rydberg
Dasystephana rusbyi (Greene) Wootton & Standley
Gentiana interrupta Greene
Gentiana rusbyi Greene
- algida*** Pallas [M&H; W&S]
 whitish gentian
Dasystephana romanzovii (Ledebour) Rydberg
Gentiana romanzovii Ledebour
barbellata Engelm. = *Gentianopsis barbellata* (Engelm.) Iltis
- bigelovii*** Gray
 Bigelow's gentian
Dasystephana bigelovii (Gray) Rydberg
- fremontii*** Torrey
 moss gentian
Chondrophylla fremontii (Torrey) A. Nelson
Gentiana fremontii Torrey
heterosepala Engelm. = *Gentianella amarella* (Linnaeus) Boerner subsp. *heterosepala* (Engelm.) Gillett
interrupta Greene = *Gentiana affinis* Grisebach
- parryi*** Engelm. [M&H; W&S]
 Parry's gentian
Dasystephana parryi (Engelm.) Rydberg
plebeia Chamisso = *Gentianella amarella* (Linnaeus) Boerner subsp. *acuta* (Michaux) Gillett
- prostrata*** Haenke ex Jacquin [M&H; W&S]
 pygmy gentian
romanzovii Ledebour = *Gentiana algida* Pallas
rusbyi Greene = *Gentiana affinis* Grisebach
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* (Engelm.) Gillett) : Reported as expected by M&H; awaits verification.
- 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 Engelmann
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 phylogeographic 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
- 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 paraphyly 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 *Gyrandra* 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 [2/6/6]

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 cicutarium 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* Engelmann

Geranium furcatum Hanks

Geranium parryi (Engelmann) 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

eremophilum Wooton & Standley = *Geranium caespitosum* James

fremontii Torrey ex Gray = *Geranium caespitosum* James

fremontii Torrey ex Gray var. *parryi* Engelmann = *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 (Engelmann) 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 [1/10/11]

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 New Mexico; see HALORAGACEAE

Family GUTTIFERAE = see CLUSIACEAE

Family HALORAGACEAE [2/6/6]

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* = see *ARALIACEAE*

Family *HELIOTROPACEAE* = see *BORAGINACEAE*

Family HYDRANGEACEAE [4/5/9]

Fendlera Fendler-bush

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

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

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 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 : Reported by M&H, but no verifying specimens found [Frazier 1995]

wootonii Hu = *Philadelphus microphyllus* Gray subsp. *argyrocalyx* (Wooton) C.L. Hitchcock

Family HYDROPHYLLACEAE [5/29/30]

Andropus carnosus (Wooton) Brand = *Nama carnosum* (Wooton) C. L. Hitchcock

Ellisia Ellis-weed

nyctelea (Linnaeus) 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

Marilaunidium angustifolium (Gray) Kuntze = *Nama dichotomum* (Ruiz & Pavon) Choisy

foliosum Wooton & Standley = *Nama hispidum* Gray

hispidum (Gray) Kuntze = *Nama hispidum* Gray

tenuis Wooton & Standley = *Nama hispidum* Gray

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*]

carinosum (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

Nama angustifolium (Gray) A. Nelson

Nama dichotomum (Ruiz & Pavon) Choisy var. *angustifolium* Gray

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

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

tenuis (Wooton & Standley) Tidestrom = *Nama hispidum* Gray

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. 1975. A revision of the *Phacelia crenulatae* 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*]

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
caerulea Greene [M&H; W&S]
 sky-blue scorpion-weed
Phacelia intermedia Wooton
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
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
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
splendens Eastwood [Knight 1984]
 patchy scorpion-weed
tenuipes Wooton & Standley = *Phacelia bombycina* Wooton & Standley

Family *HYPERICACEAE* = see *CLUSIACEAE*

Family *JUGLANDACEAE* [1/2/2]

Juglans walnut
 Whittimore, 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
rupestris Engelm ex Torrey = *Juglans microcarpa* Berlandier

Family **KOEBERLINIACEAE** [1/1/1]

Koeberlinia crucifixion-thorn
spinosa Zuccarini var. *spinosa*
crucifixion-thorn, crown-of-thorns

Family **KRAMERIACEAE** [1/3/3]

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** = see **LAMIACEAE**

Family **LAMIACEAE (LABIATAE)** [21/65/71]

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. *havardii*]
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
Agastache greenii (Briquet) Wooton & Standley = *Agastache pallidiflora* (Heller) Rydberg subsp. *pallidiflora* var. *greenii* (Briquet) R. Sanders
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. *greenii* (Briquet) R. Sanders [W&S]
Greene's giant-hyssop
Agastache greenii (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
Calamintha arkansana (Nuttall) Shinnars = *Satureja arkansana* (Nuttall) Briquet
Clinopodium vulgare Linnaeus = *Satureja vulgaris* (Linnaeus) Fritsch
Dracocephalum dragonhead
parviflorum Nuttall [M&H; W&S]
 dragonhead
Moldavica parviflora (Nuttall) Britton
Hedeoma false-pennyroyal
 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* Benth [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
drummondii Benth [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
lata Small = *Hedeoma drummondii* Benth [M&H]
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
plicata Torrey [M&H; W&S]
 veiny false-pennyroyal
pulchella Greene = *Hedeoma costata* Gray var. *pulchella* (Greene) Irving [Irving 1980]
+pulcherrima Wooton & Standley [M&H; W&S]
 White Mountain false-pennyroyal
reverchonii Gray var. **serpyllifolia** (Small) Irving [Irving 1980]
 Reverchon's false-pennyroyal
+todsenii Irving [Irving 1979]
 Todsen'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
lucidus of American authors, not Turczaninow = *Lycopus asper* Greene
asper Greene [Henderson 1962; M&H; W&S]
rough water-horehound

Lycopus lucidus of American authors, not Turczaninow
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

canadensis Linnaeus = *Mentha arvensis* Linnaeus
penardi (Briquet) Rydberg = *Mentha arvensis* Linnaeus [M&H]

**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

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

citriodora Cervantes ex Lagasca subsp. *citriodora* [Spellenberg et al. 1986; W&S]
lemon beebalm

Monarda tenuiaristata (Gray) Small
comata Rydberg = *Monarda fistulosa* Linnaeus var. *menthifolia* (Graham) Fernald

fistulosa Linnaeus var. *menthifolia* (Graham) Fernald [M&H; W&S]
Oswego tea

Monarda comata Rydberg
Monarda menthifolia 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
menthifolia Graham = *Monarda fistulosa* Linnaeus var. *menthifolia* (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. *menthifolia* (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. [Lamiaceae]
odoratissima Bentham [M&H; W&S]
 fragrant mountainbalm
Madronella parvifolia (Greene) Rydberg
Monardella parvifolia Greene
- 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 Shinnery = *Physostegia virginiana* (Linnaeus) Bentham subsp. *praemorsa* (Shinnery) Cantino
serotina Shinnery = *Physostegia virginiana* (Linnaeus) Bentham subsp. *praemorsa* (Shinnery) Cantino
virginiana (Linnaeus) Bentham subsp. *praemorsa* (Shinnery) Cantino [Cantino 1982; M&H]
 obedient-plant
Physostegia praemorsa Shinnery
Physostegia serotina Shinnery
- 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 *Heterosphaea* (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
columbariae Bentham var. *columbariae* [M&H]
 California sage
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 [M&H]
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 Brandegee 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* Brandegee var. *tessellata* (Epling) B.L. Turner (Turner 1994).
tessellata Epling = *Scutellaria potosina* Brandegee 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
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 = see FABACEAE

Family LENTIBULARIACEAE [1/1/1]

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 [1/15/15]

Cathartolinum aristatum (Engelmann) Small = *Linum aristatum* Engelmann
australe (Heller) Small = *Linum aristatum* Engelmann var. *australe* (Heller) Kearney & Peebles
berlandieri (Hooker) Small = *Linum berlandieri* Hooker
neomexicanum (Greene) Small = *Linum neomexicanum* Greene
puberulum (Engelmann) Small = *Linum puberulum* (Engelmann) Heller
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 Engelmann [M&H; W&S]

bristle flax

Cathartolinum aristatum (Engelmann) Small

aristatum Engelmann 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 Engelmann 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

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) Engelmann ex Gray [Rogers 1968]
 rock flax
schiedeanum Schlechtendal & Chamisso [M&H; Rogers 1968]
 Schiede's flax
subteres (Trelease) Winkler [Heil et al. 2002]
 sprucemont flax
 ***usitatissimum** Linnaeus [M&H]
 cultivated flax
vernale Wooton [M&H; W&S]
 Chihuahuan flax
Cathartolinum vernale (Wooton) Small

Family LOASACEAE [2/19/22]

Acrolasia albicaulis (Douglas) Rydberg = *Mentzelia albicaulis* Douglas
parviflora Heller = *Mentzelia albicaulis* Douglas
Cevallia stinging-serpent
sinuata Lagasca
 stinging-serpent
Mentzelia blazingstar, stickleaf
 Darlington, J. 1934. A monograph of the genus *Mentzelia*. Ann. Missouri Bot. Gard. 21:103-225.
 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.
 Todsén, 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
Mentzelia parviflora Heller
asperula Wooton & Standley [M&H; Thompson & Powell 1981]
 Organ Mountain blazingstar
 +**conspicua** T.K. Todsén [Todsén 1999]
cronquistii H.J. Thompson & Prigge = *Mentzelia marginata* (Osterhout) H.J. Thompson & Prigge
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 thompsonii Glad
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 [Sivinski 1998]
 Cronquist's blazingstar
Mentzelia cronquistii H.J. Thompson & Prigge
monosperma Wooton & Standley = *Mentzelia oligosperma* Nuttall [M&H]
 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* (Stand.) Tidestrom
Nuttallia multicaulis Osterhout
multiflora (Nuttall) Gray [M&H; Thompson & Powell 1981; W&S]
 Adonis blazingstar
Bartonia multiflora Nuttall
Mentzelia pumila (Nuttall) Torrey & Gray var. *multiflora* (Nuttall) Urban & Gilg
Nuttallia multiflora (Nuttall) Greene
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

+*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
Nuttallia integra (M.E. Jones) Rydberg

pumila Nuttall ex Torrey & Gray var. *multiflora* (Nuttall) Urban & Gilg = *Mentzelia multiflora* (Nuttall) Gray [Thompson & Powell 1981]

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
Nuttallia pumila (Nuttall) 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

thompsonii Glad = *Mentzelia humilis* (Gray) J. Darlington var. *humilis*

Nuttallia decapetala (Pursh) Greene = *Mentzelia decapetala* (Pursh) Urban & Gilg [M&H]
gypsea Wooton & Standley = *Mentzelia humilis* (Gray) J. Darlington [M&H]
integra (M.E. Jones) Rydberg = *Mentzelia pumila* (Nuttall) Torrey & Gray var. *integra* M.E. Jones [M&H]
laciniata (Rydberg) Wooton & Standley = *Mentzelia laciniata* (Rydberg) J. Darlington [M&H]
multiflora (Nuttall) Greene = *Mentzelia pumila* (Nuttall) Torrey & Gray var. *multiflora* (Nuttall) Urban & Gilg [M&H]
nuda (Pursh) Greene = *Mentzelia nuda* (Pursh) Torrey & Gray [M&H]
perennis (Wooton) Cockerell = *Mentzelia perennis* Wooton [M&H]
procera Wooton & Standley = *Mentzelia pumila* (Nuttall) Torrey & Gray var. *procera* (Wooton & Standley) J. Darlington [M&H]
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 stricta* Osterhout [M&H]
strictissima Wooton & Standley = *Mentzelia strictissima* (Wooton & Standley) J. Darlington [M&H]

Family LOBELIACEAE = see CAMPANULACEAE

Family LOGANIACEAE [1/1/1]

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 New Mexico; see VISCACEAE

Family LYTHRACEAE [5/7/7]

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 = see ROSACEAE

Family MALPIGHIACEAE [2/2/2]

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 [14/45/50]

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 New Mexico state line; to be expected.

fruticosum Guillemain & 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 New Mexico in Chihuahua; to be expected.

sonorae Gray = *Abutilon mollicomum* (Willdenow) Sweet [Fryxell 1988, 1994]

texense Torrey & Gray = *Abutilon fruticosum* Guillemain & 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.
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
involutrata (Torrey & Gray) Gray [M&H; W&S]
 wine-cups
Malva involutrata 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
***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*
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
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. Sidus 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
diffusa Humboldt, Bonpland, & Kunth = *Sida abutifolia* Miller
filicaulis Torrey & Gray = *Sida abutifolia* Miller
hederacea (Douglas) Torrey = *Malvella leprosa* (Ortega) Krapovickas
lepidota Gray = *Malvella lepidota* (Gray) Fryxell
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
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) Wooton & 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* (Wooton) Kearney

Sphaeralcea angustifolia (Cavanilles) G. Don var. *oblongifolia* (Gray) Shinners

Sphaeralcea incana Torrey var. *oblongifolia* Gray

Sphaeralcea lobata Wooton

angustifolia (Cavanilles) G. Don var. *cuspidata* Gray = *Sphaeralcea angustifolia* (Cavanilles) G. Don

angustifolia (Cavanilles) G. Don var. *lobata* (Wooton) Kearney = *Sphaeralcea angustifolia* (Cavanilles) G. Don

angustifolia (Cavanilles) G. Don var. *oblongifolia* (Gray) Shinners = *Sphaeralcea angustifolia* (Cavanilles) G. Don

arenaria Wooton & Standley = *Sphaeralcea hastulata* Gray

coccinea (Nuttall) Rydberg var. **coccinea** [M&H; W&S]

scarlet globemallow

Malvastrum coccineum (Nuttall) Gray

Malvastrum micranthum Wooton & 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 in Britton & Brown = *Sphaeralcea angustifolia* (Cavanilles) G. Don

digitata (Greene) Rydberg var. **digitata** [M&H]

juniper globemallow

Malvastrum digitatum Greene

digitata (Greene) Rydberg var. **tenuipes** (Wooton & Standley) Kearney [M&H; W&S]

juniper globemallow

Sphaeralcea tenuipes Wooton & Standley

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

glabrescens Wooton & Standley = *Sphaeralcea hastulata* Gray

grossulariifolia (Hooker & Arnott) Rydberg var. **pedata** (Torrey ex Gray) Kearney [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* = see *PEDALIACEAE*

Family MELIACEAE [1/1/1]

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* = see *LAMIACEAE*

Family MENYANTHACEAE [1/1/1]

Menyanthes buckbean
 McGrath, J. 1999. New plant distribution records. *The New Mexico Botanist* 10:7. [*Menyanthes trifoliata*]
trifoliata Linnaeus [McGrath 1999]
 buckbean

Family *MIMOSACEAE* = see *FABACEAE*

Family MOLLUGINACEAE [1/2/2]

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 MORACEAE [2/3/3]

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 *MUTISIACEAE* = see *ASTERACEAE*

Family NYCTAGINACEAE [10/43/49]

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 torreyi Standley
+**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
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
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
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) Bentham & Hooker f.
comata Small = *Mirabilis albida* (Walter) Heimerl
diffusa Heller = *Mirabilis linearis* (Pursh) Heimerl
divaricata Rydberg = *Mirabilis linearis* (Pursh) Heimerl
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. ***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) Bentham & Hooker
linearis Pursh = *Mirabilis linearis* (Pursh) Heimerl
melanotricha Standley = *Mirabilis melanotricha* (Standley) Spellenberg
pinetorum Standley = *Mirabilis linearis* (Pursh) Heimerl
pumila Standley = *Mirabilis albida* (Walter) Heimerl
subhispidata (Heimerl) Standley = *Mirabilis linearis* (Pursh) Heimerl var. *subhispidata* (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. Wootten. 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. Wootten
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. *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 leisolenus* (Torrey) Standley var. *leisolenus*
organensis Standley = *Boerhavia gracillima* Heimerl

purpurascens Gray [M&H; W&S]
purple spiderling

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

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
decipiens (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

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. ***decipiens*** (Standley) S.L. Welsh [M&H]
 ribbon four-o'clock
Allionia decipiens 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 decipiens (Standley) Standley
Oxybaphus diffusus (Heller) ined. Note: This combination not validly published by M&H [ICBN, Article 33]
Oxybaphus linearis (Pursh) Robinson var. *decipiens* (Standley) Kearney & Peebles
Oxybaphus linearis (Pursh) Robinson var. *linearis*
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. *subhispida* 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
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
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
Selinocarpus chenopodioides Gray = *Acleisanthes chenopodioides* (A. Gray) R.A. Levin
diffusus Gray = *Acleisanthes diffusus* (A. Gray) R.A. Levin
lanceolatus Wooton = *Acleisanthes lanceolatus* (Wooton) 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 [2/3/3]

- 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 Engelmann [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* Engelmann

Family OLEACEAE [4/9/9]

- 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
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*]
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

Family ONAGRACEAE [10/58/69]

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* (Engelm) Munz & Klein

latifolia Rydberg = *Oenothera pallida* Lindley subsp. *latifolia* (Rydberg) Munz

leucotricha Wooton & Standley = *Oenothera pallida* Lindley subsp. *runcinata* (Engelm) Munz & Klein

neomexicana Small = *Oenothera neomexicana* (Small) Munz

pallida (Lindley) Britton = *Oenothera pallida* Lindley subsp. *pallida*

runcinata (Engelm) Wooton & Standley = *Oenothera pallida* Lindley subsp. *runcinata* (Engelm) 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** (Engelm ex Gray) Towner [Spellenberg et al. 1986]

Berlandier's sundrops

hartwegii (Bentham) Raven subsp. **fendleri** (Gray) Towner & Raven [M&H; W&S]

Fendler's sundrops

Galpisia fendleri (Gray) Heller

Oenothera hartwegii Bentham var. *fendleri* Gray

hartwegii (Bentham) 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 (Bentham) Raven subsp. **hartwegii** : Reported by M&H and W&S, but the typical subspecies is not known in NM [Towner 1977].

Galpinsia hartwegii (Bentham) Britton
Oenothera hartwegii Bentham

hartwegii (Bentham) Raven subsp. **lavandulifolius** (Torrey & Gray) Towner & Raven = *Calylophus lavandulifolius* (Torrey & Gray) Raven

hartwegii (Bentham) 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 (Bentham) Raven subsp. **toumeyii** (Small) Towner & Raven = *Calylophus toumeyii* (Small) Towner [Towner 1977]

lavandulifolius (Torrey & Gray) Raven [M&H; Towner 1977; W&S]

lavender-leaf sundrops

Calylophus hartwegii (Bentham) 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 (Bentham) Raven subsp. *toumeyii* (Small) Towner & Raven
Galpinsia toumeyii Small
Oenothera hartwegii Bentham var. *toumeyii* (Small)

tubicula (Gray) Raven [M&H; W&S]

Texas sundrops

Galpinsia carlsbadiana A. Nelson
Galpinsia glandulifera A. Nelson
Galpinsia tubicula (Gray) Small
Oenothera tubicula 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

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. Sysytsma, & 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*]

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

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

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

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.
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
glandulosa Wooton & Standley = *Gaura hexandra* Ortega subsp. *gracilis* (Wooton & Standley) Raven & Gregory
gracilis Wooton & Standley = *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* [Goodman & Lawson 1995]
Gaura parviflora Douglas ex Hooker var. *typica* Munz
Gaura parviflora Douglas ex Hooker var. *typica* Munz forma *glabra* Munz
neomexicana Wooton subsp. ***neomexicana*** [M&H; W&S]
New Mexico bee-blossom
parviflora Douglas ex Hooker = *Gaura mollis* James [Goodman & Lawson 1995]
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
Gaurella canescens (Torrey & Fremont) A. Nelson = *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

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.

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.

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]

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

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* (Wootton & Standley) Munz

Oenothera caespitosa Nuttall ex Fraser var. *australis* (Wootton & Standley) Munz

Oenothera australis (Wootton & Standley) Tidestrom

Oenothera wrightii Gray

Pachylophus australis Wootton & Standley

caespitosa Nuttall ex Fraser subsp. *australis* (Wootton & 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 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
coronopifolia Torrey & Gray [M&H; W&S]
 hairy-throat evening-primrose
Anogra coronopifolia (Torrey & Gray) Britton
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
engelmannii (Small) Munz [M&H; W&S]
 Engelmann's evening-primrose
Anogra engelmannii (Small) Wooton & Standley
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
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 subsp. *pubescens* (Willdenow ex Sprengel) Munz = *Oenothera pubescens* Willdenow ex Sprengel
longissima Rydberg subsp. *longissima* [M&H]
 long-stem evening-primrose

- macrosiphon* Wooton & Standley = *Oenothera organensis* Munz
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 (Rybd.) 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
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
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
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
triloba Nuttall [Great Plains Flora Association 1977; Worthington 2000]
 stemless evening-primrose
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
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
Raimannia mexicana (Spach) Wooton & Standley = *Oenothera laciniata* Hill subsp. *laciniata*
Sphaerostigma chamaenerioides (Gray) Small = *Camissonia chamaenerioides* (Gray) 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) Heynhold [M&H; Sublette 1980]

false-gaura

- Zauschmeria 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 [2/6/7]

Conopholis Indian-root

Haynes, R.R. 1969. *Conopholis alpina* Liebmann 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

multicaulis Brandeg. : Reported without documentation by Kartesz (1999); awaits verification.

multiflora Nuttall var. *arenosa* (Suksdorf) Munz = *Orobanche ludoviciana* Nuttall subsp. *ludoviciana*

multiflora Nuttall = *Orobanche ludoviciana* Nuttall subsp. *multiflora* (Nuttall) Collins

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

Thalesia fasciculata (Nuttall) Britton = *Orobanche fasciculata* Nuttall

Family OXALIDACEAE [1/6/7]

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* Trelease

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 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).

grayi (Rose) Knuth = *Oxalis decaphylla* Humboldt, Bonpland, & Kunth

latifolia Trelease [Denton 1973; M&H; W&S]

broad-leaf wood-sorrel

Oxalis amplifolia (Trelease) Knuth

Oxalis divergens Benthham var. *amplifolia* Trelease

Ionoxalis amplifolia (Trelease) 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

Xanthoxalis albicans (Humboldt, Bonpland, & Kunth) Small = *Oxalis albicans* Humboldt, Bonpland, & Kunth

stricta (Linnaeus) Small = *Oxalis stricta* Linnaeus

Family PAPAVERACEAE [3/8/10]

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 polyanthemis* (Fedde) G. Ownbey

platyceras Link & Otto = *Argemone hispida* Gray

+**pleiacantha** Greene subsp. **pinnatisecta** G. Ownbey [Ownbey 1997; M&H]

Sacramento prickly-poppy

pleiacantha Greene subsp. **pleiacantha** [Ownbey 1997; M&H]

southwestern prickly-poppy

polyanthemis (Fedde) G. Ownbey [Ownbey 1997; M&H; W&S]

white prickly-poppy

Argemone intermedia Sweet

Argemone intermedia Sweet var. *polyanthemis* Fedde

squarrosa Greene subsp. **glabrata** G. Ownbey [Ownbey 1997; M&H]

hedgehog prickly-poppy

squarrosa Greene subsp. **squarrosa** [M&H; Ownbey 1997; W&S]

hedgheg 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.

***rheas** Linnaeus [Kiger & Murray 1997; Spellenberg et al. 1993]

corn poppy

***somniferum** Linnaeus [Kiger & Murray 1997; M&H; W&S]

opium poppy

Family PARNASSIACEAE [1/2/2]

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 [1/1/1]

Passiflora passionflower

tenuiloba Engelmänn [M&H]

passionflower

Family PEDALIACEAE [1/4/4]

Martynia altheaifolia Benthām = *Proboscidea altheaifolia* (Benthām) Decaisne

arenaria Engelmänn = *Proboscidea altheaifolia* (Benthām) 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* (Benthām) Decaisne

altheaifolia (Benthām) Decaisne [M&H; W&S]

hollyhock devil's-claw

Martynia altheaifolia Benthām

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 [2/2/2]

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** = see **LENTIBULARIACEAE**

Family **PLANTAGINACEAE** [1/12/12]

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 elonngata*]

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; 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

elongata Pursh subsp. **elongata** [Sivinski 1993]

prairie plantain

Plantago myosuroides Rydberg

eriopoda Torrey [M&H; W&S]

wooly plantain

helleri Small [M&H]

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; W&S]

English plantain

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

great plantain

oblonga Morris = *Plantago patagonica* Jacquin

patagonica Jacquin [M&H; 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]

red-seed plantain

spinulosa Decaisne = *Plantago patagonica* Jacquin

tweedyi Gray [M&H; W&S]

Tweedy's plantain

virginica Linnaeus [Spellenberg et al. 1991]

pale-seed plantain

wrightiana Decaisne [Great Plains Flora Association 1977; Sivinski 1997]

Wright plantain

Family **PLATANACEAE** [1/1/1]

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 [1/1/1]

Limonium sea-lavender
limbatum Small [M&H; W&S]
southwestern sea-lavender

Family POLEMONIACEAE [11/59/65]

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 Wootton & 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) Wootton & Standley
filifolium (Nuttall) Wootton & 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
calcareo 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
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
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
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
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 subsp. *acerosa* (Gray) Wherry = *Giliastrum acerosum* (A. Gray) Rydberg
rigidula Bentham subsp. *rigidula* = *Giliastrum rigidulum* (Bentham) 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 Benth. subsp. *acerosa* (Gray) Wherry
- incisum** (Benth.) J.M. Porter [M&H]
split-leaf blue-bowls
Gilia lindheimeriana Scheele
Gilia peremans Shinners
- rigidulum** (Benth.) Rydberg [M&H]
blue-bowls
Gilia rigidula Benth.
- 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) Shinners
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) Shinners = *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
- 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]
blue trumpets
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
pinnata (Cavanilles) V. Grant [M&H; Soreng 1984b; W&S]
 San Luis skyrocket
Gilia campylantha Wooton & Standley [Soreng 1984b]
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

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 stansburyi (Torrey) Heller
Phlox stansburyi (Torrey) Heller subsp. *eu-stansburyi* Brand
Phlox tenuis Wooton & Standley
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
tenuis Wooton & 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 = *Linanthastrum nuttallii* (Gray) Ewan subsp. *floribundum* (Gray) Ewan

Family POLYGALACEAE [2/12/13]

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. *mescaleroorum*]

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 (Whelock) Wooton & Standley = *Polygala lindheimeri* Gray var. *parvifolia* Whelock
puberula Gray = *Polygala obscura* Benth
rectipilis Blake [Blake 1916]
 New Mexico milkwort
 +**rimulicola** Steyermark var. **mescalerorum** 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
scoparia sensu W&S = *Polygala scoparioides* Chodat
scoparioides Chodat [M&H; W&S]
 broom milkwort
Polygala scoparia Humboldt, Bonpland, & Kunth var. *multicaulis* Gray
subspinosa S. Watson [M&H; W&S]
 cushion milkwort
weedyi Britton = *Polygala lindheimeri* Gray var. *parvifolia* Whelock
viridescens Linnaeus = *Polygala sanguinea* Linnaeus

Family POLYGONACEAE [9/81/95]

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 = *Polygonum convolvulus* Linnaeus
Bistorta bistortoides (Pursh) Small = *Polygonum bistortoides* Pursh
vivipara (Linnaeus) S.F. Gray = *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.
 Spellenberg, R., L. McIntosh, & L. Brouillet. 1993. New records of angiosperms from southern New Mexico. *Phytologia* 75:224-230. [*Chorizanthe brevicornu*]
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.
 Reveal, J.L. 1989. New combinations and novelties in *Eriogonum* (Polygonaceae: Eriogonoideae). *Phytologia* 66(3):251-265.
 Reveal, J.L. A checklist of the Eriogonoideae (Polygonaceae). *Phytologia* 66(3):266-294.
 Reveal, J.L. & B.J. Erter. 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.
 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. [*E. sarahiae*]
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
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
atrорubens Engelmann [M&H; W&S]
 red wild-buckwheat
bakeri Greene = *Eriogonum jamesii* Benth. var. *flavescens* S. Watson [M&H]
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
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. **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
 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.
effusum Nuttall [M&H; Reveal 1976; W&S]
 spreading wild-buckwheat
Eriogonum effusum Nuttall subsp. *typicum* Stokes
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 [M&H; Reveal 1976]
 Wooton's wild-buckwheat

lachnogynum Torrey ex Bentham [M&H; Reveal 1976; W&S]
wooly-cup wild-buckwheat

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*** (Bentham) Reveal [M&H; Reveal 1976; W&S]
spear-leaf wild-buckwheat
Eriogonum ainsliei Standley
Eriogonum fendlerianum Bentham

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

maculatum Heller [Spellenberg et al. 1993]
spotted wild-buckwheat

microthecum Nuttall var. *foliosum* (Torrey & Gray) Reveal = *Eriogonum microthecum* Nuttall var. *simpsonii* (Bentham) Reveal

microthecum Nuttall var. ***simpsonii*** (Bentham) Reveal [M&H; Reveal 1976; W&S]
Simpson's wild-buckwheat
Eriogonum effusum Nuttall subsp. *simpsonii* (Bentham) Stokes
Eriogonum microthecum Nuttall var. *foliosum* (Torrey & Gray) Reveal
Eriogonum simpsonii Bentham in A.P. de Candolle

nudicaule (Torrey) Small = *Eriogonum lonchophyllum* Torrey & Gray var. *nudicaule* (Torrey) Reveal

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* Bentham

pharnaceoides Torrey [Reveal 1976; W&S]
wire-stem wild-buckwheat

pinetorum Greene = *Eriogonum abertianum* Torrey var. *abertianum*

polycladon Bentham [M&H; Reveal 1976; W&S]
sorrel wild-buckwheat
Eriogonum densum Greene
Eriogonum polycladon Bentham var. *crispum* Gandoger
Eriogonum vimineum Douglas ex Bentham subsp. *polycladon* (Bentham) Stokes

racemosum Nuttall [M&H; Reveal 1976; W&S]
red-root wild-buckwheat

ramosissimum Eastwood = *Eriogonum leptocladon* Torrey & Gray var. *ramosissimum* (Eastwood) Reveal

rotundifolium Bentham [M&H; Reveal 1976; W&S]
saucer-leaf wild-buckwheat
Eriogonum cernuum Nuttall subsp. *rotundifolium* (Bentham) Stokes

sarahiae Atwood & Clifford [Welsh et al. 2003]
Sarah's buckwheat

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*
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
thurberi Torrey : Reported by Kartesz (1999) without documentation; awaits verification.
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
villiflorum Gray [Heil 2003; Tidestrom & Kittell 1941]
gray wild-buckwheat
wetherillii Eastwood [M&H; Reveal 1976; W&S]
Wetherill's wild-buckwheat
wrightii Torrey ex Benth [M&H; Reveal 1976; W&S]
bastard-sage, Wright's wild-buckwheat
Eriogonum trachygonum Torrey ex Benth 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
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 amphibia (Linnaeus) S.F. Gray = *Polygonum coccineum* Muhlenberg
muhlenbergia (Meisner) S. Watson = *Polygonum amphibium* Linnaeus var. *emersum* Michaux
lapathifolia (Linnaeus) Gray = *Polygonum lapathifolium* Linnaeus
longistylis Small = *Polygonum pennsylvanicum* Linnaeus
persicaria (Linnaeus) Small = *Polygonum persicaria* Linnaeus
punctata (Elliott) Small = *Polygonum punctatum* Elliott
vulgaris Webb & Moquin = *Polygonum persicaria* Linnaeus

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.
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.
Spellenberg, R. 1999. New plant distribution records. *The New Mexico Botanist* 10:7. [*Polygonum aubertii*]
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 [M&H; W&S]
water smartweed
Polygonum coccineum Muhlenberg
Persicaria coccinea (Muhlenberg) Greene
Persicaria muhlenbergia (Meisner) S. Watson
amphibium Linnaeus var. **stipulaceum** (Coleman) Fernald [M&H; W&S]
water smartweed
Persicaria hartwrightii (Gray) Greene

Polygonum hartwrightii Gray
Polygonum natans Eaton
***arenastrum** Jordan ex Boreau [Great Plains Flora Association 1977]
 oval-leaf knotweed
***argyrocoleon** Steudel ex Kunze [M&H]
 silver-sheath knotweed
***aubertii** L. Henry [Spellenberg 1999]
 Chinese fleecyvine
***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 [W&S]
 pinkweed
Persicaria longistyla Small
Polygonum longistylum Small
bistortoides Pursh [M&H; W&S]
 American bistort
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 = *Polygonum amphibium* Linnaeus
confertiflorum Nuttall ex Piper = *Polygonum polygaloides* Wallich ex Meisner subsp. *confertiflorum* (Nuttall ex Piper) Hickman
***convolvulus** Linnaeus var *convolvulus* [M&H; W&S]
 black bindweed
Bilderdykia convolvulus (Linnaeus) Dumortier
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
erectum Linnaeus [M&H; W&S]
 erect knotweed
hydropiper Linnaeus : Reported as expected or probable by M&H; awaits verification.
Persicaria hydropiper (Linnaeus) Opiz
hydropiperoides Michaux : Reported as expected or probable by M&H; the documentation in Kartesz (1999, based on Stanford 1927) is inconclusive; awaits verification.
Persicaria hydropiperoides (Michaux) Small
incarnatum Elliott = *Polygonum lapathifolium* Linnaeus var. *lapathifolium*
***lapathifolium** Linnaeus [M&H; W&S]
 dock-leaf smartweed
Persicaria incarnata (Elliott) Small
Persicaria lapathifolia (Linnaeus) Gray
Polygonum incarnatum Elliott
longistylum Small = *Polygonum pennsylvanicum* Linnaeus
montanum (Small) Greene = *Polygonum douglasii* Greene
pennsylvanicum Linnaeus [M&H]
 Pennsylvania pinkweed
Persicaria pennsylvanica (Linnaeus) Small
***persicaria** Linnaeus [M&H; W&S]
 lady's-thumb
Persicaria vulgaris Webb & Moquin
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 [M&H; W&S]
 dotted smartweed
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 [M&H; W&S]
 serpent-grass
Bistorta vivipara (Linnaeus) S.F. Gray
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 patenia*]
***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 patenia* 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
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
***patentia** Linnaeus [Tidestrom & Kittell 1941; W&S]
 patience dock
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 [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 [8/27/29]

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*]

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.

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*, as 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
- parvula* Gray = *Portulaca halimoides* Linnaeus
- pilosa** Linnaeus [M&H; Matthews 2003; W&S]
 kiss-me-quick
Portulaca mundula I.M. Johnston
- retusa* Engelmann = *Portulaca oleracea* Linnaeus subsp. *oleracea*
- suffrutescens** Engelmann [M&H; Matthews 2003; W&S]
 shrubby purslane
- umbraticola** Kunth subsp. **lanceolata** (Engelmann) Matthews [M&H; Matthews 2003; W&S]
 Chinese hats
Portulaca coronata Small
Portulaca lanceolata Engelmann

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. [*T. 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 Engelman [M&H; W&S]

orange fameflower

Phemeranthus aurantiacus (Engelman) Kiger

+***brachypodum*** S. Watson [W&S]

Laguna fameflower

brevicaule S. Watson = *Phemeranthus brevicaulis* (S. Watson) Kiger

brevifolium Torrey = *Phemeranthus brevifolius* (Torrey) Hershkovitz

calycinum Engelman 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* Engelman

confertiflorum Greene = *Phemeranthus confertiflorus* (Greene) Hershkovitz

eximium A. Nelson = *Phemeranthus brevicaulis* (S. Watson) Kiger

****fruticosum*** (Linnaeus) Willdenow [Ferguson 2001]

verdolaga-Francesca

humile Greene = *Phemeranthus humilis* (Greene) Kiger

longipes Wooton & Standley = *Phemeranthus longipers* (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

spathulatum Engelman 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 [7/16/16]

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

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]

pygmy 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.

dentatum Hooker var. ***ellisiae*** (Standley) N. Holmgren [M&H; W&S]

white shooting-star

Dodecatheon ellisiae Standley

ellisiae Standley = *Dodecatheon dentatum* Hooker var. *ellisiae* (Standley) N. Holmgren

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

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].

floribundus Humboldt, Bonpland, & Kunth [M&H; W&S]
sea-side brookweed
Steironema ciliatum (Linnaeus) Rafinesque = *Lysimachia ciliata* Linnaeus
validulum Greene = *Lysimachia hybrida* Michaux

Family RAFFLESIAACEAE [1/1/1]

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.

Yatskievych, G. 1994. Rafflesiaceae. J. Ariz.-Nev. Acad. Sci. 27(2):239.

thurberi Gray [M&H]

stem-sucker

Family RANUNCULACEAE [13/63/66]

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* (von 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
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].
 micrantha Eastwood : Reported as expected by M&H; awaits verification.
Aquilegia rubricunda Tidestrom
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) von 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) Wooton & 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 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* (Benth) 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* (Benth) Robinson

Viorna filifera (Benth) Wooton & Standley

pseudoalpina (Kuntze) A. Nelson = *Clematis columbiana* (Nuttall) Torrey & Gray

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 tenuisectum Greene subsp. *amplibracteatum* (Wooton) Ewan

macrophyllum Wooton = *Delphinium scopulorum* Gray

nelsonii Greene = *Delphinium nuttallianum* Pritzl ex Walpers var. *nuttallianum*

+***novomexicanum*** Wooton [M&H; W&S; Warnock 1997]

New Mexico larkspur

Delphinium sierrae-blancae Wooton

nuttallianum Pritzl 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

sierrae-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 Wootton & Standley = *Myosurus nitidus* Eastwood

minimus Linnaeus [M&H; W&S; Whittemore 1997]

tiny mouse-tail

nitidus Eastwood [M&H; W&S; Whittemore 1997]

western mouse-tail

Myosurus egglestonii Wootton & 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* (Pritzell) Zamelis

ludoviciana (Nuttall) Heller = *Pulsatilla patens* (Linnaeus) P. Miller subsp. *multifida* (Pritzell) Zamelis

patens (Linnaeus) P. Miller subsp. **multifida** (Pritzell) Zamelis [Dutton & Keener 1997; M&H; W&S]

American pasqueflower

Anemone patens Linnaeus var. *multifida* Pritzell

Anemone patens Linnaeus var. *wolfgangiana* (von 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*]

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 report this species from Catron County, but Whittemore (1997) shows a far more northern distribution, with no records for New Mexico; perhaps needs verification.]

tall 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 trichophyllus 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

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
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*).
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 & Moçino
purshii Richardson = *Ranunculus gmelinii* A.P. de Candolle
ranunculinus (Nuttall) Rydberg [M&H; Whittemore 1997]
 tadpole 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
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) von 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

palmeri (Rose) Wooton & Standley = *Clematis bigelovii* Torrey

scottii (Porter) Rydberg = *Clematis hirsutissima* Pursh var. *scottii* (Porter) Erickson

Family RESEDACEAE [1/1/1]

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 [6/15/15]

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*]

infesta (Kunth) Meisner [Hess 2001]

Texas junco

Ceanothus buckbrush

Schmidt, C. 1999. Full text key to N. American species of *Ceanothus* [includes descriptions and distribution maps]. 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 Trelease

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

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 *Microrhammus* (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

Microrhammus ericoides Gray

lycioides (Gray) Weberbauer var. *canescens* (Gray) Trelease = *Ziziphus obtusifolia* (Hooker ex Torrey & Gray) Gray var. *canescens* (Gray) M.C. Johnston

lycioides (Gray) Weberbauer var. *lycioides* = *Ziziphus obtusifolia* (Hooker ex Torrey & Gray) Gray var. *obtusifolia*

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* Benth. 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. [supports segregation of *Frangula*]

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* Benth. subsp. *ursina* (Greene) J.O. Sawyer

fasciculata Greene = *Rhamnus serrata* Schultes var. *serrata*

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 Benth. 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* Benth. 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

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 [25/76/87]

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) 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
rubescense 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

Cerasus 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
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

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

virginiana Duchesne [M&H; W&S]

pale strawberry

Fragaria firma Rydberg

Fragaria glauca (S. Watson) 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

Geum avens

Taylor, K. 1997. *Geum rivale* L.. J. Ecology 85(5): 721-731.

aleppicum Jacquin [M&H; W&S]

yellow avens

Geum decurrens Rydberg

Geum strictum Aiton

Geum strictum Aiton var. *decurrens* (Rybd.) Kearney & Peebles

aleppicum Jacquin var. *decurrens* (Rydb.) Kearney & Peebles = *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

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* (Rybd.) 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

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.

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

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
mescalera 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*

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

Pentaphylloides shrubby cinquefoil

fruticosa (Linnaeus) O. Schwarz [M&H; W&S]
shrubby cinquefoil
Dasiphora fruticosa (Linnaeus) Rydberg
Potentilla fruticosa Linnaeus

Potentilla cinquefoil

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

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

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

millegrana Engelmann = *Potentilla rivalis* Nuttall

monspeliensis Linnaeus = *Potentilla norvegica* Linnaeus [M&H]

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

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

pectinsecta 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 [M&H]

pulcherrima Lehmann = *Potentilla gracilis* Douglas ex Hooker var. *pulcherrima* (Lehmann) Fernald

rivalis Nuttall var. *millegrana* (Engelmann) S. Watson = *Potentilla rivalis* Nuttall

rivalis Nuttall [M&H; W&S]
 brook cinquefoil
Potentilla leucocarpa Rydberg
Potentilla millegrana Engelmann

Potentilla rivalis Nuttall var. *millegrana* (Engelmann) S. Watson
rubricaulis Lehmann : Reported tenuously by Baker (1983), but questioned by Peterson (2000)
+sierrae-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*]

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

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 mescaleria Wooton & Standley

Padus pumicea 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. [*Purshia*]

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 subsp. *sayi* (Schweinitz) W.H. Lewis
Rosa bourgeauiana Crepin
Rosa sayi Schweinitz
acicularis Lindley var. *bourgeauiana* (Crepin) Crepin = *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
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. *hispida* Fernald [M&H; W&S]
Nootka rose
Rosa melina Greene
pecosensis 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 praeincta 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]

Rubacera 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) Rydberg = *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 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 berardinus (Greene) Rydberg

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
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 grisea* (Greene) Rydberg = *Geum triflorum* Pursh var. *ciliatum* (Pursh) Fawcett
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
- 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 [7/24/28]

- Bouvardia** firecracker-bush
glaberrima Engelmans = *Bouvardia ternifolia* (Cavanilles) Schlechtendal
ovata Gray = *Bouvardia ternifolia* (Cavanilles) Schlechtendal
ternifolia (Cavanilles) Schlechtendal [M&H; W&S]
 firecracker-bush
Bouvardia glaberrima Engelmans
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 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 subsp. ***subbiflorum*** (Wiegand) Puff [M&H; Puff 1976; W&S]
 three-petal bedstraw
Galium brandegeei Gray
Galium tinctorium Linnaeus var. *subbiflorum* (Wiegand) Fernald
Galium trifidum Linnaeus var. *subbiflorum* Wiegand
triflorum Michaux [M&H; W&S]
 fragrant bedstraw
Galium flaviflorum Heller
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 Benth & Hooker var. *polypremoides* (Gray) Terrell
angulata Fosberg ex Shinnars [M&H]
 angled star-violet
Houstonia rupicola Greenman [Terrell 1996]
greenii (Gray) W.H. Lewis
 Greene's star-violet
Oldenlandia greenii 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 [Terrell 1996]

rubra (Cavanilles) Gray = *Houstonia rubra* Cavanilles [Terrell 1996]

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

fasciculata Gray = *Hedyotis intricata* Fosberg

humifusa (Gray) Gray [M&H; Terrell 1996]

matted bluets

Hedyotis humifusa Gray

polypremoides Gray = *Houstonia acerosa* (Gray) Gray ex Bentham & Hooker var. *polypremoides* (Gray) Terrell

rigidiuscula (Gray) Wooton & Standley = *Hedyotis nigricans* (Lamarck) Fosberg

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

Family RUTACEAE [3/3/8]

Astrophyllum dumosum Torrey = *Choisya dumosa* (Torrey) Gray [M&H]

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 Bentham = *Ptelea trifoliata* Linnaeus subsp. *angustifolia* (Bentham) V.L. Bailey var. *angustifolia* (Bentham) M.E. Jones

angustifolia Bentham var. *cognata* (Greene) Kearney & Peebles = *Ptelea trifoliata* Linnaeus subsp. *angustifolia* (Bentham) V.L. Bailey var.

cognata (Greene) Kearney & Peebles

tomentosa Rafinesque = *Ptelea trifoliata* subsp. *trifoliolata* var. *mollis* Torrey & Gray

trifoliata Linnaeus subsp. *angustifolia* (Bentham) V.L. Bailey var. *angustifolia* (Bentham) M.E. Jones [M&H; W&S]

hoptree

Ptelea angustifolia Bentham

Ptelea jucunda Greene

Ptelea neomexicana Greene

Ptelea trifoliata Linnaeus var. *angustifolia* (Bentham) M.E. Jones

trifoliata Linnaeus subsp. *angustifolia* (Bentham) V.L. Bailey var. *cognata* (Greene) Kearney & Peebles [M&H]

hoptree

Ptelea angustifolia Bentham 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 [Bailey 1962]
Rutosma purpurea Wooton & Standley = *Thamnosma texana* (Gray) Torrey
texana Gray = *Thamnosma texana* (Gray) Torrey
Thamnosma rue
texana (Gray) Torrey [M&H; W&S]
 Texas rue
Rutosma purpurea Wooton & Standley
Rutosma texana Gray

Family SALICACEAE [2/32/37]

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 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. *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

arctica Pallas var. ***petraea*** (Andersson) Bebb [Dorn 1994; M&H; W&S]

arctic willow

Salix anglorum Chamisso var. *antiplasta* Schneider

Salix arctica Pallas var. *petraea* (Andersson) Bebb in S. Watson

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 myrtilifolia 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, the true *fluviatilis* Nuttall does not occur in NM [Dorn 1998]
****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
gooddingii Ball [M&H]
 Goodding's willow
Salix nigra Marshall var. *vallicola* Dudley
interior Rowlee var. *angustissima* (Andersson) Dayton [=*Salix thurberi* Rowlee] : Not yet known from NM.
interior Rowlee var. *interior* = *Salix exigua* Nuttall subsp. *interior* (Rowlee) Cronquist
irrorata Andersson [M&H; W&S]
 blue-stem willow
laevigata Bebb = *Salix bonplandiana* Kunth var. *laevigata* (Bebb) Dorn
lasiandra Bentham = *Salix lucida* Muhlenberg subsp. *lasiandra* (Bentham) Argus
lasiolepis Bentham [M&H]
 arroyo willow
ligulifolia (Ball) Ball ex Schneider = *Salix eriocephala* Michaux
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 Bentham var. *caudata* (Nuttall) Sudworth
lucida Muhlenberg subsp. ***lasiandra*** (Bentham) Murray [Argus 1986; M&H; W&S]
 shining willow
Salix lasiandra Bentham
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
myrtillofolia 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.
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
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]
planifolia Pursh var. *monica* (Bebb) Schneider = *Salix planifolia* Pursh subsp. *planifolia*
planifolia Pursh subsp. ***planifolia*** [M&H; W&S]
 tea-leaf willow
Salix chlorophylla Andersson
Salix phylicifolia Linnaeus var. *monica* (Bebb) Jepson
Salix planifolia Pursh var. *monica* (Bebb) Schneider
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
saximontana Rydberg = *Salix reticulata* Linnaeus subsp. *nivalis* (Hooker) Löve, Löve, & Kapoor
scouleriana Barratt ex Hooker [Dorn 1977; M&H; W&S]
 Scouler willow
 ×*sepulcralis* Simonkai = *Salix babylonica* Linnaeus
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 [1/1/1]

Comandra bastard-toadflax
 Laferrere, 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 [2/2/2]

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 [1/1/1]

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 [1/1/1]

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 [4/18/18]

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 [Gornall & Bohm 1985]
 James's boykinia
Telesonix jamesii (Torrey) Rafinesque
Fendlera = see HYDRANGEACEAE
Fendlerella = see HYDRANGEACEAE
Heuchera alumroot
 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 [Todsens 1982]
 Chiricahua 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
+***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; Todsens 1973]
 coral-bells
Heuchera pulchra Rydberg
Heuchera sanguinea Engelm. var. *pulchra* (Rydberg) Rosendahl et al.
versicolor Greene var. *leptomeria* (Greene) Kearney & Peebles = *Heuchera rubescens* Torrey
versicolor Greene var. *versicolor* = *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
eriophora (S. Watson) Small = *Saxifraga eriophora* S. Watson
rhomboidea (Greene) Small = *Saxifraga rhomboidea* Greene
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 *Boraphila* 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.
 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
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
eriophora 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
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) Engelm & Irmscher
rhomboidea Greene [Elvander 1984; M&H; W&S]
 daimond-leaf saxifrage
Micranthes rhomboidea (Greene) Small
rivularis Linnaeus [M&H]
 brook saxifrage
Saxifraga debilis Engelm
serpyllifolia Pursh var. *chrysantha* (Gray) Dorn = *Saxifraga chrysantha* Gray
Telesonix jamesii (Torrey) Rafinesque = *Boykinia jamesii* (Torrey) Engler

Family SCROPHULARIACEAE [24/123/134]

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 *Agalinis* (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. [*C. scabrida*]
 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
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
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
lanata Gray [M&H; W&S]
wooly Indian-paintbrush
Castilleja scabrida Eastwood
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
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 obtusiloba Rydberg
Castilleja lanceifolia 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
sulphurea Rydberg [M&H; W&S]
sulphur-flowered Indian-paintbrush

- Castilleja luteovirens* Rydberg
tenuiflora Benth [M&H]
 Santa Catalina Indian-paintbrush
Castilleja laxa Gray
trinervis Rydberg = *Castilleja miniata* Douglas ex Hooker
wootonii Standley [M&H; W&S]
 Wooton's Indian-paintbrush
- 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
Conoba intermedia Gray = *Schistophragma intermedia* (Gray) Pennell
- Cordylanthus** bird's-beak
 Chuang, T.I. & L.R. Heckard. 1986. Systematics and evolution of *Cordylanthus* (Scrophulariaceae -- Pediculariaceae). 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 Benth
maritimus Nuttall ex Benth [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
Dasystema 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
- Gratiola** clammy hyssop
neglecta Torrey [M&H]
 clammy hyssop
Gratiola virginica of western authors, misapplied
virginica of western authors, misapplied = *Gratiola neglecta* Torrey [Holmgren 1984]
Leiostemon 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. [Scrophulariaceae]
canadensis sensu W&S = *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. [*L. 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. [Scrophulariaceae]

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

Todsen, T.K. 1984. Noteworthy collections (New Mexico). Madroño 31:125. [*Mecardonia procumbens*]

procumbens (P. Miller) Small [Todsen 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. [*M. eastwoodiae*]

cardinalis Douglas ex Bentham [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 Bentham) Gray

glabratus Humboldt, Bonpland, & Kunth var. *fremontii* (Bentham) Grant = *Mimulus glabratus* Humboldt, Bonpland, & Kunth var. *jamesii* (Torrey & Gray ex Bentham) Gray

glabratus Humboldt, Bonpland, & Kunth var. **glabratus** [M&H]

round-leaf monkey-flower

glabratus Humboldt, Bonpland, & Kunth var. **jamesii** (Torrey & Gray ex Bentham) Gray [M&H; W&S]

round-leaf monkey-flower

Mimulus geyeri Torrey

Mimulus glabratus Humboldt, Bonpland, & Kunth var. *fremontii* (Bentham) 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 langsdorfii Donn

Mimulus nasutus Greene

Mimulus puberulus Greene

langsdorfii Donn = *Mimulus guttatus* A.P. de Candolle

nasutus Greene = *Mimulus guttatus* A.P. de Candolle

parvulus Wooton & Standley = *Mimulus dentilobus* Robinson & Fernald

primuloides Bentham : Reported by Kartesz (1999) without documentation; awaits verification.

puberulus Greene = *Mimulus guttatus* A.P. de Candolle

rubellus Gray [M&H; W&S]

red-stem monkey-flower

Mimulus gratioides Rydberg

suksdorfii Gray : Reported by Kartesz (1999) without documentation; awaits verification.

tilingii Regel [Holmgren 1984]

subalpine monkey-flower

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

Orthocarpus owl-clover

Chuang, T.I. & L.R. Heckard. 1992. A taxonomic revision of *Orthocarpus* (Scrophulariaceae - Tribe Pediculariae). 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

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 Benthham [M&H; W&S]

Mogollon lousewort

Pedicularis angustissima Greene

angustissima Greene = *Pedicularis angustifolia* Benthham

bracteosa Benthham 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 Benthham 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 Benthham [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.

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

Hubbard, J.P. 1999. *Penstemon pulchellus* Lindley [= *P. campanulatus* (Cavanilles) Willdenow]: A specious member of New Mexico's flora. The New Mexico Botanist 11:6-7.

Hubbard, J.P. 1999. *Penstemon spinulosus* Wootton and Standley: New Mexico endemic, error, or introduction? The New Mexico Botanist 12:1-4.

Hubbard, J.P. 2001. An update of the *Penstemon* treatment in Wootton and Standley's (1915) Flora of New Mexico. Bull. Amer. Penstemon Soc. 60(2):4-24.

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

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

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 subsp. *trichander* (Gray) Keck [Bleakly 1998; M&H; W&S]
red beardtongue
Penstemon barbatus (Cavanilles) Roth var. *trichander* Gray
Penstemon trichander (Gray) Rydberg

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* Wooton & Standley subsp. *cardinalis* [Bleakly 1998; M&H; W&S]
cardinal beardtongue
Penstemon crassulus Wooton & Standley

cardinalis Wooton & 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

comarrhenus Gray [Bleakly 1998; M&H; W&S]
dusty beardtongue

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

fendleri Torrey & Gray [Bleakly 1998; M&H; W&S]
Fendler's 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

gracilis Nuttall [Bleakly 1998; M&H; W&S]
lilac beardtongue
Penstemon pubescens Solander var. *gracilis* 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* Benth (Hubbard 2001).

+inflatus Crosswhite [Bleakly 1998; Crosswhite 1965]
inflated beardtongue

jamesii Benth [Bleakly 1998; M&H; W&S]
James's beardtongue
Penstemon similis A. Nelson
jamesii Benth subsp. *ophianthus* (Pennell) Keck = *Penstemon ophianthus* Pennell
lanceolatus Benth : 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]
Metcalf'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 Benth 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
pulchellus Lindley = *Penstemon campanulatus* (Cavanilles) Willdenow subsp. *chihuahuensis* Straw

ramosus Crosswhite [Bleakly 1998; Crosswhite 1966]
lance-leaf beardtongue
Penstemon lanceolatus of NM authors, not Benth
Penstemon pauciflorus of NM authors, not Greene

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 [M&H]

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* 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

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.

Todsen, 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; Todsen 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) Benthham [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 Benthham [M&H; W&S]
 American brooklime
- ***anagallis-aquatica** Linnaeus [M&H; W&S]
 blue speedwell
- ***arvensis** Linnaeus [Allred 1999]
 corn speedwell
- catenata** Pennell [M&H; W&S]
 Pennell's speedwell
Veronica catenata Pennell
Veronica connata Rafinesque subsp. *glaberrima* Pennell
Veronica micromera Wootton & Standley
connata Rafinesque subsp. *glaberrima* Pennell = *Veronica catenata* Pennell
humifusa Dickson = *Veronica serpyllifolia* Linnaeus var. *humifusa* (Dickson) Vahl
micromera Wootton & Standley = *Veronica catenata* Pennell
- peregrina** Linnaeus var. **xalapensis** (Humboldt, Bonpland, & Kunth) Pennell [M&H; W&S]
 neckweed
Veronica xalapensis Humboldt, Bonpland, & Kunth
- ***persica** Poirret [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* Poirret
- wormskjoldii** Roemer & Schultes [M&H; W&S]
 alpine speedwell
xalapensis Humboldt, Bonpland, & Kunth = *Veronica peregrina* Linnaeus var. *xalapensis* (Humboldt, Bonpland, & Kunth) Pennell

Family SILENACEAE = see CARYOPHYLLACEAE

Family SIMAROUBACEAE [1/1/1]

- Ailanthus** tree-of-heaven

***altissima** (Miller) Swingle [M&H; W&S]
tree-of-heaven
Ailanthus glandulosa Desfontaines
gladulosa Desfontaines = *Ailanthus altissima* (Miller) Swingle

Family SOLANACEAE [9/48/55]

Androcera novomexicana (Bartlett) Wootton & 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 (Moricond ex Dunal) Britton [Averett 1973; M&H; W&S]
gray five-eyes

Solanum coniodes Moricond 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. Leafl. 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 [Bye 2001]

Mexican thorn-apple

***inoxia** P. Miller [M&H]

downy thorn-apple

meteloides DC. ex Dunal

inoxia P. Miller subsp. *quinquecupida* (Torrey) Barclay = *Datura wrightii* Regel

***quercifolia** Humboldt, Bonpland, & Kunth [M&H; W&S]

oak-leaf thorn-apple

Datura ferox auct. non L.

***stramonium** Linnaeus [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 [M&H]

sacred thorn-apple

Datura inoxia P. Miller subsp. *quinquecupida* (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.

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

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.

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

fendleri A. Gray = *Physalis hederifolia* Gray var. *cordifolia* (Gray) Waterfall

foetens Poirret 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

hederifolia Nees : Reported as expected by M&H map; awaits verification.

hispidia (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 [M&H]
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
neomexicana Rydberg = *Physalis foetens* Poir. var. *neomexicana* (Rydberg) Waterfall
polyphylla Greene = *Physalis virginiana* Miller var. *polyphylla* (Greene) Waterfall [M&H]
pubescens Linnaeus var. ***integrifolia*** (Dunal) Waterfall [M&H; W&S]
 husk-tomato
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. [*S. 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.
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).
***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* Schlectendal
heterodoxum Dunal var. *heterodoxum* of NM reports = *Solanum heterodoxum* Dunal var. *novomexicanum* Barlett
heterodoxum Dunal var. **novomexicanum** Bartlett [M&H; W&S]
 melon-leaf nightshade
Androcera novomexicana (Bartlett) Wooton & 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 [1/3/3]

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 [1/3/3]

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 [2/4/4]

- 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 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* L. Benson
- Ulmus** elm
- **pumila* Linnaeus [M&H; Sherman-Broyles et al. 1997]
- Siberian elm

Family UMBELLIFERAE = see APIACEAE

Family URTICACEAE [3/6/7]

- 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* Wedd.
- Boehmeria scabra* (Porter) Small
- 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.
- **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 = see ERICACEAE

Family VALERIANACEAE [1/5/5]

- 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
- 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 [9/31/36]

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. [Verbenaceae]
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.
 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
Verbena bipinnatifida Nuttall
bipinnatifida (Nuttall) Nuttall var. ***ciliata*** (Benth) Turner [Umber 1979; M&H; W&S]
 Dakota vervain
Verbena ambrosifolia Rydberg
Glandularia bipinnatifida (Nuttall) Nuttall var. ***brevispicata*** Umber
Verbena ciliata Benth var. ***ciliata***
Verbena ciliata Benth var. ***pubera*** (Greene) Perry
Verbena pubera Greene
Verbena wrightii Gray
bipinnatifida (Nuttall) Nuttall var. ***brevispicata*** Umber = *Glandularia bipinnatifida* (Nuttall) Nuttall var. ***ciliata*** (Benth) Turner
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. ***nepitifolia*** 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 = *Glandularia bipinnatifida* (Nuttall) Nuttall var. *ciliata* (Benth) Turner
- 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
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
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
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
Zappania nodiflora 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 Wootton & Standley = *Tetraclea coulteri* Gray var. *angustifolia* (Wootton & Standley) A. Nelson & Macbride
coulteri Gray var. ***angustifolia*** (Wootton & Standley) A. Nelson & Macbride [M&H; W&S]
Coulter's wrinklefruit
Tetraclea angustifolia Wootton & 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
bipinnatifida Nuttall = *Glandularia bipinnatifida* (Nuttall) Nuttall
bracteata Lagasca & Rodríguez [M&H; W&S]
carpet vervain
Verbena bracteata Lagasca var. *brevibracteata* Gray
Verbena bracteosa Michaux
Verbena imbricata Wootton & Standley
bracteosa Michaux = *Verbena bracteata* Lagasca & Rodríguez
canadensis (Linnaeus) Britton = *Glandularia canadensis* (Linnaeus) Nuttall
canescens Kunth : Reported by Kartesz (1999) without documentation; awaits verification.
ciliata Benth var. *ciliata* = *Glandularia bipinnatifida* (Nuttall) Nuttall var. *ciliata* (Benth) Turner
ciliata Benth var. *longidentata* Perry [= *Glandularia polyantha* Umber] : Not occurring in New Mexico

ciliata Bentham var. *pubera* (Greene) Perry = *Glandularia bipinnatifida* (Nuttall) Nuttall var. *ciliata* (Bentham) Turner
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 & Rodríguez

macdougalii Heller [M&H; W&S]

MacDougal's vervain

mentifolia Bentham [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

perennis Wooton [M&H; W&S]

Wooton's vervain

plicata Greene [M&H]

fan-leaf vervain

pubera Greene = *Glandularia bipinnatifida* (Nuttall) Nuttall var. *ciliata* (Bentham) 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 bipinnatifida* (Nuttall) Nuttall var. *ciliata* (Bentham) Turner

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

Family VIOLACEAE [2/8/11]

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. Leaf. 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 montanensis Rydberg

Viola puberula (S. Watson) Howell

Viola retroscabra Greene

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. ***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 verification.
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
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

viarum Pollard = *Viola palmata* Linnaeus

wilmattae Pollard & Cockerell = *Viola sororia* var. *sororia*

Family VISCACEAE [2/12/13]

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.

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

divaricatum Engelmann [Hawksworth & Wiens 1996; M&H; W&S]

piñon dwarf-mistletoe

Arceuthobium campylopodum Engelmann in Gray forma *divaricatum* (Engelmann) Gill
Razoumofskya divaricata (Engelmann) Coville

douglasii Engelmann [Hawksworth & Wiens 1996; M&H; W&S]

Douglas-fir dwarf-mistletoe

Razoumofskya douglasii (Engelmann) Kuntze

gillii Hawksworth & Wiens [Hawksworth & Wiens 1996; M&H]

Huachuca dwarf-mistletoe

microcarpum (Engelmann) Hawksworth & Wiens [Hawksworth & Wiens 1996; M&H; W&S]

spruce dwarf-mistletoe

Arceuthobium campylopodum Engelmann in Gray forma *microcarpum* (Engelmann) Gill

Arceuthobium douglasii Engelmann var. *microcarpum* Engelmann

Razoumofskya microcarpa (Engelmann) Wooton & Standley

vaginatum (Willdenow) Presl subsp. **cryptopodum** (Engelmann) Hawksworth & Wiens [Hawksworth & Wiens 1996; M&H; W&S]

pineland dwarf-mistletoe

Razoumofskya cryptopoda (Engelmann) 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*]

Wiens, D. 1964. Revision of the acataphyllous species of *Phoradendron*. Brittonia 16:11-54.

bolleanum (Seemann) Eichler subsp. **bolleanum** [M&H; W&S]

rough mistletoe

Phoradendron hawksworthii ined.

bolleanum (Seemann) Eichler subsp. **densum** (Torrey ex Trelease) Wiens [Wiens 1964]

rough mistletoe

Phoradendron densum Torrey ex Trelease

bolleanum (Seemann) Eichler var. **capitellatum** (Torrey ex Trelease) Kearney & Peebles = *Phoradendron capitellatum* Torrey ex Trelease

californicum Nuttall [Hubbard 1981; Huff 1996; M&H]

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 serotinum* (Rafinesque) M.C. Johnston subsp. **macrophyllum** (Engelmann) Kuijt

coryae Trelease = *Phoradendron serotinum* (Rafinesque) M.C. Johnston subsp. **tomentosum** (de Candolle) Kuijt

densum Torrey ex Trelease = *Phoradendron bolleanum* (Seemann) Eichler subsp. **densum** (Torrey ex Trelease) Wiens

flavescens (Pursh) Nuttall var. **macrophyllum** Engelmann = *Phoradendron serotinum* (Rafinesque) M.C. Johnston subsp. **macrophyllum**

(Engelmann) Kuijt

flavescens (Pursh) Nuttall var. **orbiculatum** Engelmann (= *Phoradendron serotinum* (Rafinesque) M.C. Johnston subsp. **serotinum**) :

Reported by M&H, but not occurring in NM [Kuijt 2003; Wiens 1964].

Phoradendron orbiculatum Engelmann

flavescens (Pursh) Nuttall var. **pubescens** Engelmann = *Phoradendron serotinum* (Rafinesque) M.C. Johnston subsp. **tomentosum** (de

Candolle) Kuijt

flavescens (Pursh) Nuttall var. **villosum** (Nuttall) Engelmann = *Phoradendron serotinum* (Rafinesque) M.C. Johnston subsp. **tomentosum** (de

Candolle) Kuijt

havardianum Trelease = *Phoradendron serotinum* (Rafinesque) M.C. Johnston subsp. **tomentosum** (de Candolle) Kuijt

hawksworthii ined. [This name was never published; the authorship has been incorrectly attributed to Wiens (Peterson 2000)] =

Phoradendron bolleanum (Seeman) Eichler subsp. **bolleanum**

juniperinum Engelmann ex Gray subsp. **juniperinum** [Kuijt 2003; M&H; W&S]

juniper mistletoe

macrophyllum (Engelmann) Cockerell = *Phoradendron serotinum* (Rafinesque) M.C. Johnston subsp. **macrophyllum** (Engelmann) Kuijt

orbiculatum Engelmann (= *Phoradendron serotinum* (Rafinesque) M.C. Johnston subsp. **serotinum**) : Reported by M&H and W&S, but not

occurring in NM. [Kuijt 2003; Wiens 1964]

serotinum (Rafinesque) M.C. Johnston subsp. **macrophyllum** (Engelmann) Kuijt [Kuijt 2003; M&H; W&S; Wiens 1964]

Cockerell's mistletoe

Phoradendron cockerellii Trelease

Phoradendron flavescens (Pursh) Nuttall var. **macrophyllum** Engelmann

serotinum (Rafinesque) M.C. Johnston subsp. **tomentosum** (de Candolle) Kuijt [Kuijt 2003; M&H; Wiens 1964]

Cory's mistletoe

Phoradendron coryae Trelease

Phoradendron flavescens (Pursh) Nuttall var. **pubescens** Engelmann

Phoradendron havardianum Trelease

Phoradendron villosum Nuttall

villosum (Nuttall) Nuttall subsp. **coryae** (Trelease) Wiens = *Phoradendron serotinum* (Rafinesque) M.C. Johnston subsp. **tomentosum** (de

Candolle) Kuijt

Razoumofskya 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 [3/5/5]

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

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 Engelm [M&H; W&S]

Arizona grape, canyon grape

Vitis arizonica Engelm var. *glabra* Munson

Vitis treleasei Munson

arizonica Engelm var. *glabra* Munson = *Vitis arizonica* Engelm

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* Engelm

vulpina Linnaeus : Reported as expected by M&H; awaits verification.

Family ZYGOPHYLLACEAE [5/8/8]

Covillea glutinosa (Engelm) Rydberg = *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 (Engelm) 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 on various lists, but no specimens documenting its occurrence in NM 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 [2/17/21]

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 lechuguilla*: 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

schottii Engelm [Gentry 1982; M&H; Reveal & Hodgson 2002; W&S]

Schott's agave

Agave geminiflora (Tagl.) Ker-Gawler var. *sonorae* Torrey

Dasyliirion = 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.

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 Engelmann [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) Engelmann = *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** Engelmann 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) Engelmann
Yucca torreyi Shafer forma *parviflora* McKelvey
Yucca torreyi Shafer
torreyi Shafer forma *parviflora* McKelvey = *Yucca treculeana* Carrière

Family ALISMATACEAE [3/11/11]

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) Engelmann
rostratus (Nuttall) Engelmann = *Echinodorus berteroi* (Sprengel) Fassett

Lophotocarpus calycinus (Engelmann) J.G. Smith = *Sagittaria montevidensis* Chamisso & Schlectendal subsp. *calycina* (Engelmann) Bogin

Sagittaria arrowhead

Bogin, C. 1955. A revision of the genus *Sagittaria*. Mem. New York Bot. Gard. 9:179-233.

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** = see LILIACEAE

Family **AMARYLLIDACEAE**

Agave = see AGAVACEAE

Hypoxis = see LILIACEAE

Zephyranthes = see LILIACEAE

Family **ASPHODELACEAE** = see LILIACEAE

Family BROMELIACEAE [1/1/1]

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** = see LILIACEAE

Family COMMELINACEAE [2/5/6]

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** = see **LILIACEAE**

Family **CYPERACEAE** [14/135/137]

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 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.

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

juncooides (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. [*C. 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. [*C. leptopoda*]

Coop, J. 2002. Plant distribution reports. The New Mexico Botanist 24:7. [*C. 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. [*C. elynoides*, *oreocharis*, *praticola*]

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.

Mackenzie, K.K. 1931-1935. North American Flora. 18. Cyperaceae, Tribe 2, Caricaceae. New York Botanical Garden.

McGrath, J. 1999. New plant distribution records. The New Mexico Botanist 12:8. [*C. diandra*]

McGrath, J. 2000. New plant distribution records. The New Mexico Botanist 15:7. [*C. geyeri*, *C. jonesii*]

McGrath, J. 2002. Plant distribution reports. The New Mexico Botanist 24:7. [*C. illota*]

McGrath, J. 2003. Plant distribution reports. The New Mexico Botanist 25:7. [*Carex macloviana*]

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. [*C. angustior*, *C. 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. [*C. albonigra*]

Standley, L.A. 1985. Systematics of the *Acutae* group of *Carex* (Cyperaceae) in the Pacific Northwest. Syst. Bot. Monogr. 7:1-106. [*C. scopulorum*]

Weber, W.A., B.C. Johnston, & D. Wilken. 1979. Additions to the flora of Colorado. VI. Phytologia 41(7):486-500. [*C. rostrata* vs. *C. utriculata*]

Worthington, R.D. 1999. New plant distribution records. The New Mexico Botanist 10:7. [*C. muriculata*]

Worthington, R.D. 2002. New plant distribution records. The New Mexico Botanist 22:7. [*C. 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. [*C. microdonta*]

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

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 bolanderi Olney
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) Poiret [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 : Reported as expected by M&H map; awaits verification.

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 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
duriuscula C.A. Meyer [M&H]
spike-rush sedge
Carex eleocharis Bailey
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 sensu W&S : It is unclear which taxon is referable to W&S's 'Carex festiva'.
festivella Mackenzie = *Carex microptera* Mackenzie
festucea var. *brevior* (Dewey) Fernald = *Carex brevior* (Dewey) Mackenzie
filifolia Nuttall var. **filifolia** [Ball & Reznicek 2002; M&H; W&S]
thread-leaf sedge
frankii sensu M&H = *Carex aureolensis* Steudel
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.]
macloviana d'Urville [McGrath 2003]
 Falkland Island sedge
meadii Dewey : Reported as expected by M&H; awaits verification.
media of NM authors = *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
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
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
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* (Ball & Reznicek 2002; Weber et al. 1979)
rupestris 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
- spengelii** 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
- subfusca** W. Boott [Ball & Reznicek 2002; Reznicek 1993; W&S]
rusty sedge
- tahoensis Smiley : Reported by Kartesz (1999) without documentation; awaits verification.
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 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
- 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. [*C. 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 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 ovalaris* 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

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

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 var. *capitatus* (Britton) O'Neill = *Cyperus niger* Ruiz & Pavón

niger Ruiz & Pavón [Horvat 1941; Tucker et al. 2002]

black flat-sedge

Cyperus niger Ruiz & Pavón var. *capitatus* (Britton) O'Neill

Cyperus niger Ruiz & Pavon var. *castaneus* (S. Watson) Kükenthal

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 sphaacelatus 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.

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

albida Torrey [Smith et al. 2002]

white spike-rush

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.

coloradoensis (Britton) Gilly [M&H; Smith et al. 2002]

dwarf spike-rush

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 & J.A. 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
- obtusata** (Willdenow) Schultes [M&H] Note: Not reported for NM by Smith et al. 2002.
blunt spike-rush
Eleocharis ovata (Roth) Roemer & Schultes var. *obtusata* (Willdenow) Kükenthal
- ovata* (Roth) Roemer & Schultes var. *obtusata* (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** Honckeny 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
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

Lipocarpa chaff-sedge

Friedland, S. 1941. The American species of *Hemicarpha*. Amer. J. Bot. 28:855-861.
Tucker, G.C. 2002. *Lipocarpa*, 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 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

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. Yatskievych. 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
brittonianus Piper = *Bolboschoenus maritimus* (Linnaeus) Palla subsp. *paludosus* (A. Nelson) T. Koyama
californicus (C.A. Meyer) Steudel = *Schoenoplectus californicus* (C.A. Meyer) Palla
fluviatilis (Torrey) Gray = *Bolboschoenus fluviatilis* (Torrey) V. Soják
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* = see *AGAVACEAE*

Family *GRAMINEAE* = see *POACEAE*

Family *HYDROCHARITACEAE* [3/5/5]

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

Elodea waterweed

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

Najas = see *Najadaceae*

Vallisneria eel-grass

americana Michaux [M&H]

American eel-grass

Vallisneria spiralis of authors

Family *IRIDACEAE* [2/6/6]

Iris iris

Foster, R.C. 1937. A cyto-taxonomic survey of the North American species of *Iris*. *Contr. Gray herb.* 119:3-82. [Iridaceae]

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 [Chowlewa & 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 [Chowlewa & 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 [Chowlewa & Henderson 2002; M&H; W&S]

western blue-eyed-grass

Sisyrinchium occidentale Bicknell

longipes (Bicknell) Kearney & Peebles [Chowlewa & Henderson 2002; Hess 1975]

timberland blue-eyed-grass

montanum Greene var. **montanum** [Chowlewa & Henderson 2002; M&H]
mountain blue-eyed-grass
occidentale Bicknell = *Sisyrinchium idahoense* Bicknell var. *occidentale* (Bicknell) D.M. Henderson

Family JUNCACEAE [2/27/28]

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.
marginatus Rostkovius [M&H]
 grass-leaf rush
Juncus marginatus Rostkovius var. *setosus* Coville
Juncus setosus (Coville) Small
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
parous Rydberg = *Juncus ensifolius* Wikström var. *montanus* (Engelmann) C.L. Hitchcock
saximontanus A. Nelson = *Juncus ensifolius* Wikström var. *montanus* (Engelmann) C.L. Hitchcock
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
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 [1/2/2]

- 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 [2/9/9]

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.

aequinoctialis 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 aequinoctialis* Welwitsch

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 [25/45/47]

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
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* Wootton & 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) Wootton & 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
rhizomatum Wootton & 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
Dasylyrion = 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.
pulchellum (Salisbury) Heller var. *pauciflorum* (Torrey) Hoover = *Dichelostemma capitatum* (Bentham) Wood subsp. *pauciflorum* (Torrey) G. Keator
capitatum (Bentham) Wood subsp. *capitatum* : Reported by Kartesz (1999) without documentation; awaits verification.
capitatum (Bentham) 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
Dipterostemon pauciflorus (Torrey) Rydberg = *Dichelostemma capitatum* (Bentham) Wood subsp. *pauciflorum* (Torrey) G. Keator
Disporum trachycarpum (S. Watson) Bentham & 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.
 Todsen, T.K. 1996. New plant distribution records. The New Mexico Botanist 2:6. [*Erythronium grandiflorum*]
grandiflorum Pursh subsp. *grandiflorum* [Allen & Robertson 2002; Todsen 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 Corizzo (Chuska) Mountains.
 spotted mission-bells
pubida (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 amplexiaulis (Nuttall) Greene

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
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
racemosa (Linnaeus) Desfontaines var. *racemosa* = *Maianthemum racemosum* (Linnaeus) Link
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. [*Z. 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 = see LILIACEAE

Family NAJADACEAE [1/2/2]

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

Zamichellia = see ZANNICHELLIACEAE

Family NOLINACEAE [2/6/6]

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.

Dasyllirion sotol

Bogler, D.J. 1995. Systematics of *Dasyilirion*: Taxonomy and molecular phylogeny. Bol. Soc. Bot. Mexico. 56:69-76.
Bogler, D.J. 2002. *Dasyilirion*, 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.

greenei S. Watson = *Nolina texana* S. Watson

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 [13/29/33]

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.

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) Poir. 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** Todsen

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; Todsens 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 [Sheviak 1995]
Cypripedium pubescens Willdenow [Sheviak 1995]
Cypripedium veganum Cockerell [Sheviak 1995]
pubescens Willdenow = *Cypripedium parviflorum* Salisbury var. *pubescens* (Willdenow) Knight
veganum Cockerell = *Cypripedium parviflorum* Salisbury var. *pubescens* (Willdenow) Correll
Cytharea 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; Todsens 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.
 Todsens, 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 [Todsens 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

Limnorchis 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*
ensiflora Rydberg = *Platanthera sparsiflora* (S. Watson) Schlechter var. *ensiflora* (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) Schlectendal 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.

Todsen, 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*. [Todsen 1997]

macrostachya (Lexarza) Kuntze : Not occurring in NM; our material referable to *Malaxis soulei* L.O. Williams [Todsen, pers. comm.]

porphyrea (Ridley) Kuntze [Coleman 2002; M&H; Todsen 1997; W&S]

Cochise adder's-mouth

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 Todsen (1995), but identification corrected to *Malaxis porphyrea* (Ridley) Kuntze [Todsen, pers. comm.]

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 New Mexico 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 New Mexico works = *Platanthera aquilonis* Sheviak; the true *P. hyperborea* (Linnaeus) Lindley is an Icelandic plant [Sheviak 1999]

Habenaria hyperborea (Linnaeus) R. Brown

Limmorchis 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

Limmorchis 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.

Limmorchis purpurascens (Rydberg) Rides

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

Limmorchis ensifolia Rydberg

Limmorchis 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*]

Todsen, 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; Todsen 1970]

Indian-braids

Schiedeella parasitica of New Mexico authors

Spiranthes parasitica of New Mexico authors

parasitica of New Mexico 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 New Mexico authors = *Schiedeella arizonica* P.M Brown

romanzoffiana Chamisso [Coleman 2002; M&H; Sheviak & Brown 2002; W&S]

hooded ladies-tresses

Ibidium strictum House

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

Family POACEAE (GRAMINEAE) [118/412/459]

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. 1993. A Field Guide to the Grasses of New Mexico. *Agric. Exp. Sta. New Mexico State University.* 259 p.

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. 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.

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 sessilispicus* 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.
- 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 1993]
- Bloomer's ricegrass
- Oryzopsis bloomeri* (Bolander) Ricker
- Stipa bloomeri* Bolander
- ×*Stiporyzopsis bloomeri* (Bolander) B.L. Johnson
- curvifolium** (Swallen) Barkworth [Allred 1993; M&H]
- Guadalupe needlegrass
- Stipa curvifolia* Swallen
- eminens** (Cavanilles) Barkworth [Allred 1993; M&H; W&S]
- southwestern needlegrass
- Stipa eminens* Cavanilles
- hymenoides** (Roemer & J.A. Schultes) Barkworth [Allred 1993; M&H; W&S]
- Indian ricegrass
- Eriocoma cuspidata* Nuttall
- Oryzopsis hymenoides* (Roemer & Schultes) Ricker ex Piper
- Stipa hymenoides* Roemer & Schultes
- lettermanii** (Swallen) Barkworth [Allred 1993; M&H; W&S]
- Letterman's needlegrass
- Stipa lettermanii* Vasey
- lobatum** (Swallen) Barkworth [Allred 1993; M&H]
- littleawn needlegrass
- Stipa lobata* Swallen
- perplexum** Hoge & Barkworth [Allred 1993; 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 1993; M&H; W&S]
- sleepygrass
- Stipa robusta* (Vasey) Scribner
- Stipa vaseyi* Scribner
- scribneri** (Vasey) Barkworth [Allred 1993; M&H; W&S]
- Scribner's needlegrass
- Stipa scribneri* Vasey
- speciosum** (Trinius & Ruprecht) Barkworth [Allred & Heil 2000; M&H; W&S]
- desert needlegrass
- Stipa speciosa* Trinius & Ruprecht
- 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 1993; 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. 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.
- 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 1965]

arizonicum Scribner & Smith = *Elymus arizonicus* (Scribner & Smith) Gould

bakeri E. Nelson = *Elymus bakeri* (E. Nelson) Löve

caninum sensu M&H and W&S = *Elymus trachycaulus* (Link) Shinnars subsp. *subsecundus* (Link) A. & D. Löve

**cristatum* (Linnaeus) Gaertner [Allred 1993; 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

dasystachyum (Hooker) Scribner = *Elymus lanceolatus* (Scribner & Smith) Gould

**desertorum* (Fischer ex Link) Schultes [Allred 1993; 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 1993; M&H]

Siberian crested wheatgrass

Agropyron cristatum (Linnaeus) Gaertner subsp. *fragile* (Roth) Löve

Agropyron sibiricum (Willdenow) Beauvois

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

molle (Scribner & Smith) Rydberg = *Elymus smithii* (Rydberg) Gould

novae-angliae Scribner = *Elymus trachycaulus* (Link) Gould subsp. *novae-angliae* (Scribner) Tzvelev

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 1993]

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 1993]

×*saxicola* Scribner & Smith : Unstabilized hybrids between *Elymus longifolius* × *Elymus spicatus*. [Allred 1993]

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

spicatum (Pursh) Scribner & Smith = *Elymus spicatus* (Pursh) Gould

subsecundum (Link) Hitchcock = *Elymus trachycaulus* (Link) Shinnars subsp. *subsecundus* (Link) A. & D. Löve

tenerum Vasey = *Elymus trachycaulus* (Link) Malt subsp. *trachycaulus*

trachycaulus (Link) Malte = *Elymus trachycaulus* (Link) Shinnars subsp. *trachycaulus*

unilateralis Cassidy = *Elymus trachycaulus* (Link) Shinnars subsp. *subsecundus* (Link) A. & D. Löve

violaceum (Hornemann) Lange = *Elymus trachycaulus* (Link) Shinnars 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 elliottiana* (Gramineae) new to Arizona and New Mexico. Phytologia 60:453-458.

Reeder, C.G. & J.R. Reeder. 1989. A further note on *Agrostis elliottiana*. Phytologia 67(2):134-138.

Swallen, J.R. 1948. *Agrostis variabilis* Rydberg, a valid species. Leaf. W. Bot. 5:123-125.

alba of numerous authors = *Agrostis gigantea* Roth

bakeri Rydberg = *Agrostis idahoensis* Nash

elliottiana Schultes [Allred 1993; Reeder & Reeder 1986]

Elliott bentgrass

Agrostis exigua Thurber

Agrostis rosei sensu W&S

exarata Trinius var. *minor* Hooker [Allred 1993; M&H; W&S]

spike bentgrass

**gigantea* Roth [Allred 1993; M&H; W&S]

redtop

Agrostis alba of numerous authors

hiemalis sensu W&S = *Agrostis scabra* Willdenow

humilis Vasey [Cronquist et al. 1977]

mountain bentgrass
idahoensis Nash [Allred 1993; M&H; W&S]
 Idaho bentgrass
Agrostis bakeri Rydberg
palustris Hudson = *Agrostis stolonifera* Linnaeus
perennans (Walter) Tuckerman : Reported by M&H, but no validating specimens located. [Allred 1993]
rosei sensu W&S = *Agrostis elliottiana* Schultes
scabra Willdenow [Allred 1993; M&H; W&S]
 rough bentgrass
Agrostis hiemalis sensu W&S
semiverticillata (Forsskål) C. Christensen = *Polypogon viridis* (Gouan) Breistroffer
 ***stolonifera** Linnaeus [Allred 1993; M&H; W&S]
 creeping bentgrass
Agrostis alba of numerous authors
Agrostis palustris Hudson
Agrostis stolonifera Linnaeus var. *palustris* (Hudson) Farwell
variabilis Rydberg [Allred 1993]
 mountain bentgrass

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

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 1993; M&H; W&S]
 shortawn foxtail
Alopecurus aristulatus Michaux
agrestis Linnaeus = *Alopecurus myosuroides* Hudson
aristulatus Michaux = *Alopecurus aequalis* Sobolewsky
carolinianus Walter [Allred 1993; M&H]
 Carolina foxtail
 ***geniculatus** Linnaeus [Allred 1993; M&H]
 water foxtail
 ***myosuroides** Hudson [Allred 1993; M&H; W&S]
 slender foxtail
Alopecurus agrestis Linnaeus
 ***pratensis** Linnaeus [Allred 1993]
 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) Henrad

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) Henrad
barbinodis Lagasca = *Bothriochloa barbinodis* (Lagasca) Herter
chrysocomus Nash = *Andropogon gerardii* Vitman subsp. *chrysocomus* (Nash) Wipff
cirratus Hackel = *Schizachyrium cirratum* (Hackel) Wooton & Standley
furcatus Muhlenberg = *Andropogon gerardii* Vitman subsp. *gerardii*
gerardii Vitman subsp. **chrysocomas** (Nash) Wipff [Allred 1993; W&S]
 sand bluestem
Andropogon chrysocomus Nash
gerardii Vitman subsp. **gerardii** [Allred 1993; M&H; W&S]
 big bluestem
Andropogon furcatus Muhlenberg
gerardii Vitman subsp. **hallii** (Hackel) Wipff [Allred 1993; 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 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 1993; Campbell 1986; M&H]
 southwestern bushy bluestem
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
saccharoides as used by various authors = *Bothriochloa laguroides* (A.P. de Candolle) Herter subsp. *torreyana* (Steudel) Allred & Gould
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
Anthephora 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 1993; 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 1993]
 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 1993; M&H; W&S]
 six-weeks threeawn
Aristida bromoides Humboldt, Bonpland, & Kunth
arizonica Vasey [Allred 1993; M&H; W&S]
 Arizona threeawn
barbata Fournier = *Aristida havardii* Vasey
bromoides Humboldt, Bonpland, & Kunth = *Aristida adscencionis* Linnaeus
brownii Warnock = *Aristida purpurea* Nuttall var. *wrightii* (Nash) (Nash) Allred forma *brownii* (Warnock) Allred & Valdes-R.
dissita I.M. Johnston = *Aristida pansa* Wooton & Standley forma *dissita* (I.M. Johnston) Allred & Valdes-R.
divaricata Humboldt & Bonpland ex Willdenow [Allred 1993; M&H; W&S]
 poverty threeawn
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 1993; M&H; W&S]
 Havard's threeawn
Aristida barbata Fournier
longiseta Steudel var. *longiseta* = *Aristida purpurea* Nuttall var. *longiseta* (Steudel) Vasey
longiseta Steudel var. *rariiflora* 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 1993; 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 & Valdes-R. [Allred 1993; M&H]
 Wooton's threeawn
Aristida dissita I.M. Johnston
Aristida pansa Wooton & Standley var. *dissita* (I.M. Johnston) Beetle
pansa Wooton & Standley forma ***pansa*** [Allred 1993; M&H; W&S]

- Wooton's threeawn
Aristida pansa Wooton & Standley var. *pansa*
purpurea Nuttall var. **fendleriana** (Steudel) Vasey [Allred 1993; 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 1993; 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 1993; M&H; W&S]
 Nealley's threeawn
Aristida glauca (Nees) Walpers
Aristida vaseyi Wooton & Standley
purpurea Nuttall var. **perplexa** Allred & Valdes-R. [Allred & Valdes-R. 1995]
 Jornada threeawn
purpurea Nuttall var. **purpurea** [Allred 1993; 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 1993; 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 1993; 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 1993; M&H]
 spidergrass
Aristida divergens Vasey
Aristida ternipes Cavanilles var. *minor* (Vasey) Hitchcock
vaseyi Wooton & 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 1993; M&H]
 tall oatgrass
- Arundo** giant reed
 ***donax** Linnaeus [Allred 1993; M&H; W&S]
 giant reed
- 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 1993]
 slender oats
 ***fatua** Linnaeus [Allred 1993; M&H; W&S]
 wild oats
fatua Linnaeus var. *sativa* (Linnaeus) Haussknecht = *Avena sativa* Linnaeus
 ***sativa** Linnaeus [Allred 1993; M&H]
 common oats
Avena fatua Linnaeus var. *sativa* (Linnaeus) Haussknecht
striata Michaux = *Schizachne purpurascens* (Torrey) Swallen
- 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 1993; 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 1993]
 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 1993; 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 1993]
 tall bluestem
Andropogon altus Hitchcock
barbinodis (Lagasca) Herter [Allred 1993; M&H; W&S]
 cane bluestem
Amphilophis barbinodis (Lagasca) Nash
Andropogon barbinodis Lagasca
Andropogon perforatus Fournier
 **bladhii* (Retzius) S.T. Blake [Allred 1993]
 Australian bluestem
Bothriochloa caucasica (Trinius) C.E. Hubbard
Bothriochloa intermedia (R. Brown) A. Camus
 **ischaemum* (Linnaeus) Keng var. *ischaemum* [Allred 1993]
 yellow bluestem
 **ischaemum* (Linnaeus) Keng var. *songarica* (Ruprecht ex Fischer & Meyer) Celerier & Harlan [Allred 1993]
 King Ranch bluestem
laguroides (A.P. de Candolle) Herter subsp. *torreyana* (Steudel) Allred & Gould [Allred 1993; 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 1993]
 Springfield's bluestem
Andropogon springfieldii Gould
wrightii (Hackel) Henrard [Allred 1993; 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 1993; M&H; W&S]
 needle grama
Bouteloua gracilis Vasey
aristidoides (Kunth) Grisebach var. *arizonica* Jones [Allred 1993]
 needle grama
barbata Lagasca var. *barbata* [Allred 1993; M&H; W&S]
 sixweeks grama
Chondrosium barbatum (Lagasca) W.D. Clayton

barbata Lagasca var. **rothrockii** (Vasey) Gould [Allred 1993]
 Rothrock's grama
Bouteloua rothrockii Vasey

breviseta Vasey [Allred 1993; M&H; W&S]
 gyp grama
 chondrosoides (Kunth) Bentham ex S. Watson : Reported by M&H, but no validating specimens located [Allred 1993; T. Columbus, pers. comm.]

curtipendula (Michaux) Torrey var. **caespitosa** Gould & Kapadia [Allred 1993]
 sideoats grama

curtipendula (Michaux) Torrey var. **curtipendula** [Allred 1993; M&H; W&S]
 sideoats grama
Atheropogon curtipendulus Fournier

dactyloides (Nuttall) J.T. Columbus = *Buchloë dactyloides* (Nuttall) Engelman

eludens Griffiths [Allred 1993]
 Santa Rita grama

eriopoda (Torrey) Torrey [Allred 1993; 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 1993; M&H; W&S]
 blue grama
 "Bouteloua gracilis" Lagasca nom. nud.
Bouteloua oligostachya (Nuttall) Torrey ex A. Gray
Chondrosium gracile Willdenow ex Kunth

hirsuta Lagasca [Allred 1993; M&H; W&S]
 hairy grama
Chondrosium foenum Torrey
Chondrosium hirsutum (Lagasca) Kunth

parryi (Fournier) Griffiths [Allred 1993; M&H; W&S]
 Parry's grama
Chondrosium parryi Fournier

procumbens (Durand) Griffiths = *Bouteloua simplex* Lagasca

radicosa (Fournier) Griffiths [Allred 1993; M&H; W&S]
 purple grama

ramosa Vasey : Reported by M&H, but no validating specimens located [Allred 1993; Reeder & Reeder 1980]

repens (Kunth) Scribner & Merrill [Allred 1993; M&H]
 slender grama
Atheropogon filiformis Fournier
Bouteloua filiformis (Fournier) Griffiths

rothrockii Vasey = *Bouteloua barbata* Lagasca var. *rothrockii* (Vasey) Gould

simplex Lagasca [Allred 1993; M&H; M&H; W&S]
 mat grama
Bouteloua procumbens (Durand) Griffiths

trifida Thurber ex S. Watson [Allred 1993; 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 1993; 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.
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*, *B. 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 1993; M&H]
nodding brome

Bromopsis anomala (Ruprecht ex Fournier) Holub

***briziformis** Fischer & Meyer [Allred 1993]
rattlesnake chess

carinatus Hooker & Arnott [Allred 1993; M&H; W&S]

California brome, mountain brome

- 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) Tsvetlev

***catharticus** Vahl [Allred 1993; M&H; W&S]

rescuegrass

- Bromus unioloides* (Willdenow) Kunth
Bromus willdenovii Kunth
Ceratochloa cathartica (Vahl) Herter

ciliatus Linnaeus [Allred 1993; 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 1993; Hatch 1977]

ripgut brome

- Anisantha diandra* (Roth) Tutin
Bromus rigidus of numerous authors

frondosus (Shear) Wootton & Standley [Allred 1993; 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 1993; 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 1993]

soft brome

- Bromus molliformis* Lloyd

***inermis** Leysser [Allred 1993; M&H; W&S]

smooth brome

- Bromopsis inermis* (Leysser) Holub

inermis Leysser var. *purpurascens* (Hooker) Wagnon = *Bromus pumpellianus* Scribner

***japonicus** Thunberg ex Murray [Allred 1993; M&H]

Japanese brome, meadow brome

- Bromus commutatus* Schrader
Bromus japonicus var. *porrectus* Hackel

lanatipes (Shear) Rydberg [Allred 1993; 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
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 1993; W&S]
 Porter's brome
Bromopsis porteri (Coulter) Holub
pumpellianus Scribner [Allred 1993]
 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 1993]
racemosus sensu M&H = *Bromus hordeaceus* Linnaeus subsp. *hordeaceus*
richardsonii Link [Peterson et al. 2001]
 Richardson's brome
Bromopsis richardsonii (Link) Holub
****rubens*** Linnaeus [Allred 1993; Hatch 1977; M&H]
 foxtail brome, red brome
Anisantha rubens (Linnaeus) Nevski
Bromus madritensis Linnaeus var. *rubens* (Linnaeus) Husnot
****secalinus*** Linnaeus [Allred 1993; M&H; W&S]
 rye chess
****sterilis*** Linnaeus [Allred 1993; Peterson 1997; M&H]
 poverty brome
Anisantha sterilis (Linnaeus) Nevski
****tectorum*** Linnaeus [Allred 1993; M&H]
 cheatgrass, downy brome
Anisantha tectorum (Linnaeus) Nevski
 trinii Desvoux : Reported as expected by M&H; awaits verification.
unioloides (Willdenow) 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 1993; 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.
 Nygren, A. 1954. Investigations on North American *Calamagrostis*. I. *Hereditas* 40:377-397.
 Nygren, A. 1958. Investigations on North American *Calamagrostis*. II. *Lantbrukshogskolans Ann.* 24:363-368.
canadensis (Michaux) Beauvois [Allred 1993; M&H; W&S]
 Canada reedgrass
Calamagrostis scribneri Beal
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 1993; M&H]
 purple reedgrass
scopulorum M.E. Jones [Allred 1993; M&H]
 Jones's reedgrass
scribneri Beal = *Calamagrostis canadensis* (Michaux) Beauvois
stricta (Timm) Koeler subsp. ***inexpansa*** (Gray) C.W. Greene [Allred 1993; 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 1993; M&H; W&S]
big sandreed

longifolia (Hooker) Scribner [Allred 1993; M&H; W&S]
prairie sandreed

Capriola dactylon (Linnaeus) Kuntze = *Cynodon dactylon* (Linnaeus) Persoon

Catabrosa brookgrass

aquatica (Linnaeus) Beauvois var. *aquatica* [Allred 1993]
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. [*C. 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

**echinatus* Linnaeus [Allred 1993; M&H]
southern sandbur

incertus M.A. Curtis = *Cenchrus spinifex* Cavanilles

longispinus (Hackel) Fernald [Allred 1993; 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 1993; 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* (Poiret) R & S

grisebachii ampla Scribner & Merrill = *Setaria grisebachii* Fournier

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.

brevispica Nash = *Chloris subdolichostachya* C. Mueller

crinita Lagasca = *Trichloris crinita* (Lagasca) Parodi

cucullata Bischoff [Allred 1993; 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 1993; M&H; W&S]
shortspike windmillgrass

Chloris brevispica Nash

**submutica* Kunth [Anderson 1974; Allred 1993, 1996]
Mexican windmillgrass

verticillata Nuttall [Allred 1993; M&H; W&S]
tumble windmillgrass

**virgata* Swartz [Allred 1993; M&H; W&S]
showy windmillgrass

Chloris elegans Kunth

Chondrosium barbatum (Lagasca) W.D. Clayton = *Bouteloua barbatum* Lagasca

eriopodum Torrey = *Bouteloua eriopoda* (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 1993; Brandenburg et al. 1991; Keller 2004; M&H; W&S]
 drooping woodreed
- **Coix lacryma-jobi* Linnaeus (Job's tears) : Included by Allred (1993) only as an ornamental and not known to escape.
 **Cortaderia selloana* (J.A. & J.H. Schultes) Ascherson & Graebner (pampasgrass) : Included by Allred (1993) only as an ornamental and not known to escape.
- Cottea** Cottagrass
pappophoroides Kunth [Allred 1993; M&H]
 Cottagrass
- Crypsis** pricklegrass
 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. [Poaceae]
 **dactylon* (Linnaeus) Persoon [Allred 1993; M&H; W&S]
 Bermudagrass
Capriola dactylon (Linnaeus) Kuntze
- Dactylis** orchardgrass
 **glomerata* Linnaeus [Allred 1993; M&H; W&S]
 orchardgrass
- Dactyloctenium** crowfoot
 **aegyptium* (Linnaeus) Willdenow [Allred 1993]
 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 *D. parryi* Scribner.
intermedia Vasey [Allred 1993; M&H]
 timber danthonia
parryi Scribner [Allred 1993; M&H; W&S]
 Parry's danthonia
spicata (Linnaeus) Beauvois ex Roemer & J.A. Schultes [Allred 1993; 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 1993; M&H; W&S]
 fluffgrass
Erioneuron pulchellum (Willdenow ex Rydberg) Tateoka
Tridens pulchellus (Willdenow ex Rydberg) Hitchcock
Triodia pulchella Willdenow ex Rydberg
- Deschampsia** hairgrass
 Kawano, S. 1963. Cytogeography and evolution of the *Deschampsia caespitosa* complex. *Can. J. Bot.* 41:719-742. [Poaceae]
alpicola Rydberg = *Deschampsia caespitosa* (Linnaeus) Beauvois
caespitosa (Linnaeus) Beauvois [Allred 1993; M&H; W&S]
 tufted hairgrass
Deschampsia alpicola Rydberg
 **danthonioides* (Trinius) Munro ex Bentham [Allred 1993]
 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.
 Brown, W.V. & B.N. Smith. 1975. The genus *Dichanthelium* (Gramineae). *Bull. Torrey Bot. Club* 102:10-13.
 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. *Dichantherium* sect. *Dichantherium* (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 1993; 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 = *Dichantherium perlongum* (Nash) Freckmann

oligosanthes (Schultes) Gould var. **scribnerianum** (Nash) Gould [Allred 1993; 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 = *Dichantherium wilcoxianum* Vasey

perlongum Nash [Allred 1993]

long-stalked rosettegrass

Dichantherium linearifolium of earlier NM works
Panicum perlongum Nash

wilcoxianum (Vasey) Freckmann [Allred 1993; M&H]

Wilcox's rosettegrass

Dichantherium 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. [Poaceae]
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. *Pematae* (Poaceae: Paniceae) in the New World. Syst. Bot. 19:613-627.

californica (Benth) Henrard [Allred 1993; M&H; W&S]

Arizona cottontop

Trichachne californica (Benth) Chase
Valota saccharata (Buckley) Chase

***ciliaris** (Retzius) Koeler [Allred 1993]

southern crabgrass

cognata (Schultes) Pilger subsp. *pubiflora* (Vasey ex L.H. Dewey) Wipff = *Digitaria pubiflora* (Vasey ex L.H. Dewey) Wipff

***eriantha** Steudel [Allred 1993]

pangola grass

***ischaemum** (Schreber) Schreber ex Muhlenberg [Allred 1993]

smooth crabgrass

pubiflora (Vasey ex L.H. Dewey) Wipff [Allred 1993; 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 1993; M&H; W&S]

hairy crabgrass

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 1993; 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.

***colonum** (Linnaeus) Link [Allred 1993; M&H; W&S]

jungle-rice

***crus-galli** (Linnaeus) Beauvois [Allred 1993; 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 1993]

gulf coast barnyardgrass

****muricata*** (Beauvois) Fernald var. ***microstachya*** Wiegand [Allred 1993]

cockspur

****muricata*** (Beauvois) Fernald var. ***muricata*** [Allred 1993]

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 1993; 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 1993; 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. & 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.

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. 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.

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

arizonicus (Scribner & Smith) Gould [Allred 1993; 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 1993; 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 [Allred 1993; 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 1993]
tall wheatgrass
Agropyron elongatum (Host) Beauvois
Elytrigia elongata (Host) Nevski
Thinopyron elongatum (Host) Barkworth & Dewey
- **elongatus* (Host) Runemark subsp. *ponticus* (Podpěra) Melderis [Allred 1993]
tall wheatgrass
Elytrigia pontica (Podpěra) Holub
Lophopyrum ponticum (Podpěra) Löve
Thinopyron ponticum (Podpěra) Barkworth & Dewey
Triticum ponticum Podpěra
- elymoides* (Rafinesque) Swezey [Allred 1993]
bottlebrush squirreltail
Sitanion californicum J.G. Smith
Sitanion hystrix (Nuttall) J. S. Smith in part
- glaucus* Buckley [Allred 1993; M&H; W&S]
blue wildrye
- **hispidus* (Opiz) Melderis subsp. *barbulatus* (Schur) Melderis [Allred 1993]
pubescent wheatgrass
Agropyron barbulatum Schur
Agropyron trichophorum (Link) Richter
Elytrigia trichophora (Link) Nevski
- **hispidus* (Opiz) Melderis subsp. *hispidus* [Allred 1993; M&H]
intermediate wheatgrass
Agropyron hispidum Opiz
Agropyron intermedium (Host) Beauvois
Elytrigia intermedia (Host) Nevski
- **hystrix* Linnaeus [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 1993; M&H]
Texas wildrye
Elymus canadensis Linnaeus var. *interruptus* (Buckley) Church
- juncea* Fischer = *Psathyrostachys juncea* (Fischer) Nevski
- lanceolatus* (Scribner & Smith) Gould [Allred 1993; M&H]
thickspike wheatgrass, streamside wheatgrass
Agropyron dasystachyum (Hooker) Scribner
Agropyron dasystachyum (Hooker) Scribner var. *riparium* (Scribner & Smith) Bowden
Agropyron lanceolatum Scribner & Smith
Agropyron riparium Scribner & Smith
Elymus riparius (Scribner & Smith) Gould
Elytrigia dasystachya (Hooker) Nevski
- longifolius* (Smith) Gould [Allred 1993; 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), citing Allred (1993), but there is no reference to *Elymus* × *mossii* in that source.
- ×*pseudorepens* (Scribner & Smith) Barkworth & Dewey [Allred 1993]
false quackgrass
This name has been applied to unstabilized hybrid plants between *Elymus trachycaulus* × *Elymus lanceolatus* or *Elymus repens*.
- **repens* (Linnaeus) Gould [Allred 1993; M&H]
quackgrass
Agropyron repens (Linnaeus) Beauvois
Elytrigia repens (Linnaeus) Nevski
- robustus* Scribner & Smith = *Elymus canadensis* Linnaeus
- ×*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 1993; M&H; W&S]

- Scribner's wheatgrass
Agropyron scribneri Vasey
simplex Scribner & Williams = *Leymus triticoides* (Buckley) Pilger
smithii (Rydberg) Gould [Allred 1993; M&H; W&S]
 western wheatgrass
Agropyron molle (Scribner & Smith) Rydberg
Agropyron occidentale Scribner
Agropyron palmeri (Scribner & Smith) Rydberg
Agropyron smithii Rydberg var. *molle* (Scribner & Smith) M.E. Jones
Agropyron smithii Rydberg var. *palmeri* (Scribner & Smith) Heller
Agropyron smithii Rydberg var. *smithii*
Elytrigia smithii (Rydberg) Nevski
Pascopyrum smithii (Rydberg) Löve
spicatus (Pursh) Gould [Allred 1993; 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 Shinners subsp. *novae-angliae* (Scribner) Tsvelev [Allred 1993]
 New England wheatgrass
Agropyron novae-angliae Scribner
trachycaulus (Link) Gould ex Shinners subsp. *subsecundus* (Link) A. & D. Löve [Allred 1993; M&H; W&S]
 bearded wheatgrass
Agropyron richardsonii (Trinius) Schrader
Agropyron subsecundum (Link) Hitchcock
Agropyron unilaterale Cassidy
trachycaulus (Link) Gould ex Shinners subsp. *trachycaulus* [Allred 1993; 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 Shinners subsp. *violaceus* (Hornemann) A. & D. Löve [Allred 1993; 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
virginicus Linnaeus [Allred 1993; M&H]
 Virginia wildrye
Elymus virginicus Linnaeus var. *glabriflorus* (Vasey) Bush
Elymus virginicus Linnaeus var. *submuticus* Hooker
Elyonurus = *Elionurus*
Elytrigia = see *Elymus*
Enneapogon pappusgrass
 Chase, A. 1946. *Enneapogon desvauxii* and *Pappophorum wrightii*, an agrostological detective story. *Madroño* 8:187-189.
desvauxii Desvaux ex Beauvois [Allred 1993; M&H; W&S]
 spike pappusgrass
Pappophorum wrightii S. Watson
Epicampes rigens Bentham = *Muhlenbergia rigens* (Bentham) Hitchcock
stricta Presl = *Muhlenbergia longiligula* Hitchcock
Eragrostis lovegrass
 Allred, K.W. 2001. New plant distribution records. *The New Mexico Botanist* 19:3. [*Eragrostis frankii*]
 Harvey, 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.
 Koch, S.D. & I.S. Vega. 1985. *Eragrostis mexicana*, *E. neomexicana*, *E. orcuttiana*, and *E. virescens*: the resolution of a taxonomic problem. *Phytologia* 58:377-381.
 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 1993; M&H]
 Mediterranean lovegrass
 **cilianensis* (Allioni) Lutati ex Janchen [Allred 1993; 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 1993; M&H]
 gummy lovegrass
 **curvula* (Schrader) Nees var. *conferta* Stapf [Allred 1993]
 Boer lovegrass
Eragrostis chloromelas Steudel
 **curvula* (Schrader) Nees var. *curvula* [Allred 1993; M&H]
 weeping lovegrass
diffusa Buckley = *Eragrostis pectinacea* (Michaux) Nees var. *pectinacea*
erosa Scribner [Allred 1993; 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 1993; Hershey & Leyendecker 1944; M&H]
 teal lovegrass
intermedia A.S. Hitchcock [Allred 1993; M&H]
 plains lovegrass
 **lehmanniana* Nees [Allred 1993; 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 1993]
lutescens Scribner [Allred 1993]
 six-weeks lovegrass
megastachya (Koeler) Link = *Eragrostis cilianensis* (Allioni) Vign. ex Janchen
mexicana (Hornemann) Link subsp. *mexicana* [Allred 1993; M&H; W&S]
 Mexican lovegrass
Eragrostis limbata Fournier
Eragrostis neomexicana Vasey
neomexicana Vasey = *Eragrostis mexicana* Vasey
obtusiflora (Fournier) Scribner [Allred 1993; W&S]
 alkali lovegrass
oxylepis (Torrey) Torrey = *Eragrostis secundiflora* Presl subsp. *oxylepis* (Torrey) S.D. Koch
palmeri S. Watson [Allred 1993]
 Rio Grande lovegrass
pectinacea (Michaux) Nees ex Steudel var. *miserrima* (Fournier) J. Reeder [Allred 1993; M&H]
 desert lovegrass
Eragrostis arida Hitchcock
Eragrostis tephrosanthos Schultes
pectinacea (Michaux) Nees ex Steudel var. *pectinacea* [Allred 1993; M&H; W&S]
 Carolina lovegrass
Eragrostis diffusa Buckley
 pilosa (Linnaeus) Beauvois : Reported by M&H and W&S, but no validating specimens located [Allred 1993]
 poaeoides Beauvois ex Roemer & Schultes [=*Eragrostis minor* Host] : Reported by M&H, but no validating specimens located. [Allred 1993]
secundiflora Presl subsp. *oxylepis* (Torrey) S.D. Koch [Allred 1993; W&S]
 red lovegrass
Eragrostis beyrichii J.G. Smith
Eragrostis oxylepis (Torrey) Torrey
Eragrostis secundiflora Presl var. *capitata* (Fournier) Beetle
sessilispica Buckley [Allred 1993; W&S]
 tumble lovegrass
Acamptocladus sessilispicus (Buckley) Nash
spectabilis (Pursh) Steudel [Allred 1993; M&H]
 purple lovegrass
 **superba* Peyritsch [Allred 1993]
 Wilman lovegrass
tephrosanthos Schultes = *Eragrostis pectinacea* (Michaux) Nees ex Steudel var. *miserrima* (Fournier) J. Reeder
trichodes (Nuttall) Wood [Allred 1993; 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 1993; Hatch 1977]
 annual wheatgrass
Agropyron triticeum Gaertner
- Erianthus ravennae* (Linnaeus) Beauvois = *Saccharum ravennae* (Linnaeus) Murray
- 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 1993; M&H]
 Texas cupgrass
Eriochloa gracilis (Fournier) Hitchcock var. *gracilis*
- acuminata** (Presl) Kunth var. **minor** (Vasey) R.B. Shaw [Allred 1993; 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 1993; 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 1993]
 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 1993; 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) Wootton & Standley
Triodia grandiflora Vasey
- nealleyi** (Vasey) Tateoka [Allred 1993; M&H; W&S]
 Nealley's tridens
Erioneuron avenaceum (Kunth) Tateoka var. *nealleyi* (Vasey) Gould
Tridens nealleyi (Vasey) Wootton & Standley
- pilosum** (Buckley) Nash [Allred 1993; M&H; W&S]
 hairy tridens
Tridens pilosus (Buckley) Hitchcock
Triodia pilosa (Buckley) Merrill
- pulchellum** (Kunth) Tateoka = *Dasyochloa pulchella* (Kunth) Steudel
- 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*]
 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 "glauca" 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. Wiersema, & 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 1993; M&H; W&S]
 Arizona fescue
- *arundinacea** Schreber [Allred 1993; M&H; W&S]
 tall fescue
Festuca elatior Linnaeus
Lolium arundinaceum (Schreber) S.J. Darbyshire
Schedonorus arundinaceus (Schreber) Dumort [non *Schedonorus arundinaceus* Roemer & Schultes, an earlier homonym]
Schedonorus phoenix (Scopoli) Holub

*arvernensis Auquier, Kerguélen, & Markgraf-Dannenberg (blue fescue) : Included by Allred (1993) only as an ornamental and not known to escape.

Festuca glauca Lamarck

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 [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 1999; M&H; W&S]
shortleaf fescue

Festuca ovina Linnaeus var. *brachyphylla* of NM reports

Festuca ovina Linnaeus var. *brevifolia* of NM reports

calligera Piper [Allred 1999]

southwestern fescue

earlei Rydberg [Allred 1999]

Earle's fescue

elatior Linnaeus = *Festuca arundinacea* Schreber

idahoensis Elmer [Allred 1993; M&H]

Idaho fescue

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

minutiflora Rydberg [Allred 1993; Argus & Aiken 1987]

small-flowered fescue

myuros Linnaeus = *Vulpia myuros* (Linnaeus) K.C. Gmelin var. *myuros*

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* of NM reports = *Festuca brachyphylla* Schultes subsp. *coloradensis* Frederiksen

ovina Linnaeus var. *brevifolia* of NM reports = *Festuca brachyphylla* Schultes subsp. *coloradensis* Frederiksen

ovina Linnaeus var. *glauca* of authors, not (Lamarck) Koch = *Festuca arvernensis* Auquier, Kerguélen, & Markgraf-Dannenberg

ovina Linnaeus var. *ovina* : Reported by M&H, but no validating specimens located. [Aiken & Darbyshire 1990; Allred 1993]

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 1993]

meadow fescue

Festuca elatior of many authors

Lolium pratense (Hudson) Darbyshire

Schedonorus pratensis (Hudson) P. Beauvois

rubra Linnaeus [Allred 1993; M&H]

red fescue

saximontana Rydberg [Allred 1993]

mountain fescue

Festuca ovina Linnaeus var. *rydbergii* Saint-Yves

sororia Piper [Allred 1993; M&H; W&S]

ravine fescue

thurberi Vasey [Allred 1993; 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.

Glyceria

mannagrass

Church, G.L. 1949. A cytotaxonomic 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 1993; M&H; W&S]

northern mannagrass

Panicularia borealis Nash

elata (Nash ex Rydberg) M.E. Jones [Allred 1993; M&H; W&S]

tall mannagrass

Panicularia nervata (Willdenow) Kuntze var. *elata* Piper

grandis S. Watson [Allred 1993; M&H; W&S]

American mannagrass

Panicularia grandis (S. Watson) Nash

- striata* (Lamarck) A.S. Hitchcock [Allred 1993; M&H]
fowl mannagrass
Glyceria nervata Trinius
Glyceria striata (Lamarck) A.S. Hitchcock var. *stricta* (Scribner) Fernald
Grappophorum 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 1993; 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 1993; 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 1993; M&H; W&S]
needle-and-thread
Stipa comata Trinius & Ruprecht
comata (Trinius & Ruprecht) Barkworth subsp. *intermedia* (Scribner & Tweedy) Barkworth [Allred 1993; M&H; W&S]
needle-and-thread
Stipa comata Trinius & Ruprecht var. *intermedia* Scribner & Tweedy
neomexicana (Thurber) Barkworth [Allred 1993; M&H; W&S]
New Mexico feathergrass
Stipa neomexicana (Thurber ex Coulter) Scribner
spartea (Trinius) Barkworth [Allred 1993; M&H; W&S]
porcupinegrass
Stipa spartea Trinius
- Heteropogon** tanglehead
contortus (Linnaeus) Beauvois ex Roemer & J.A. Schultes [Allred 1993; M&H; W&S]
tanglehead
- Hierochloë** sweetgrass
Schouten, Y. & J.F. Veldkamp. 1985. A revision of *Anthoxanthum* including *Hierochloë* (Gramineae) in Malesia and Thailand. Blumea 30:319-351.
Weimarck, G. 1971. Variation and taxonomy of *Hierochloë* (Gramineae) in the Northern Hemisphere. Bot. Not. 124:129-175.
odorata (Linnaeus) Beauvois [Allred 1993; M&H]
northern sweetgrass
Anthoxanthum nitens (Weber) Y. Schouten & Veldkamp
Hierochloë hirta (Schrank) Borbas subsp. *arctica* (Presl) Weimarck
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 1993; 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 1993]
Swallen's curly mesquite
texana Nash = *Hilaria belangeri* (Steudel) Nash
- Holcus** velvetgrass
halapensis Linnaeus = *Sorghum halapense* (Linnaeus) Persoon
**lanatus* Linnaeus [Allred 1993; M&H; W&S]
common velvetgrass
- Hordeum** barley

- Baden, C. & R. von Bothmer. 1994. A taxonomic revision of *Hordeum* sect. *Critesion*. *Nordic J. Bot.* 14(2):117-136.
- 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. Jorgensen, & E. Nicora. 1982. Revision of the *Hordeum pusillum* group. *Nordic J. Bot.* 2:307-321. [Poaceae]
- 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 1993]
 Arizona barley
Critesion arizonicum (Covas) Löve
brachyantherum Nevski [Allred 1993; M&H; W&S]
 meadow barley
Critesion brachyantherum (Nevski) Barkworth & Dewey
Hordeum nodosum 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 1993; Baden & Bothmer 1994; M&H; W&S]
 foxtail barley
Hordeum caespitosum Scribner
Hordeum jubatum Linnaeus var. *caespitosum* (Scribner) Hitchcock
jubatum Linnaeus subsp. **jubatum** [Allred 1993; 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 1993; M&H; W&S]
 wall barley
Critesion murinum (Linnaeus) Löve
Hordeum glaucum Steudel
Hordeum stebbinsii Covas
***murinum** Linnaeus subsp. **leporinum** (Link) Arcangeli [Allred 1993; M&H]
 hare barley
Critesion murinum (Linnaeus) Löve
Hordeum leporinum Link
nodosum Linnaeus = *Hordeum brachyantherum* Nevski
pusillum Nuttall [Allred 1993; M&H]
 little barley
Critesion pusillum (Nuttall) Löve
Hordeum pusillum Nuttall var. *pubens* A.S. Hitchcock
stebbinsii Covas = *Hordeum murinum* Linnaeus subsp. *glaucum* (Steudel) Tsvelev
***vulgare** Linnaeus [Allred 1993; M&H]
 barley
Hordeum distichon Linnaeus
- Imperata** satintail
brevifolia Vasey [Allred 1993; 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.
- 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 1993; 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 1993; 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. Davidse. 1993. *Leptochloa mucronata* (Michaux) Kunth is the correct name for *Leptochloa filiformis* (Poaceae). Taxon 42(2):413-417.

dubia (Kunth) Nees [Allred 1993; 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 1993; M&H; W&S]

bearded sprangletop

Leptochloa fascicularis (Lamarck) Gray

fusca (Linnaeus) Kunth subsp. **uninervia** (J. Presl) N. Snow [Allred 1993; M&H]

Mexican sprangletop

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 1993; M&H; W&S]

red sprangletop

Leptochloa filiformis (Lamarck) Beauvois

Leptochloa mucronata of NM authors

uninervia (Presl) A.S. Hitchcock & Chase = *Leptochloa fusca* (Linnaeus) Kunth subsp. *uninervia* (J. Presl) N. Snow

viscida (Scribner) Beal [Allred 1993; M&H]

gum sprangletop

Leptoloma cognatum (Schultes) Chase subsp. *pubiflora* (Vasey) Wipff = *Digitaria pubiflora* (Vasey) Wipff

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.

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 1993]

Rocky Mountain wildrye

Elymus ambiguus Vasey & Scribner

***cinereus** (Scribner & Merrill) Löve [Allred 2001]

Great Basin wildrye

salina (M.E. Jones) A. Löve [Allred 1993]

Salina wildrye

Elymus salina M.E. Jones

triticooides (Buckley) Pilger [Allred 1993; 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 1993; M&H]

Italian ryegrass

Lolium multiflorum Lamarck

Lolium perenne Linnaeus subsp. *italicum* (A. Braun) Syme

***perenne** Linnaeus var. **perenne** [Allred 1993; 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 1993; M&H]

poison darnel

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). *Parodiana* 4(2):267-310.

phleoides Kunth [Allred 1993; Reeder 1985; W&S]

common wolftail

setosus (Nuttall) C. Reeder [Allred 1993; 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 1993; M&H]

three-flower melica

porteri Scribner var. *laxa* Boyle [Allred 1993]

Porter's melica

porteri Scribner var. *porteri* [Allred 1993; 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 1993]

Natal grass, ruby grass, molasses grass

Rhynchelytrum repens (Willdenow) C.E. Hubbard

Rhynchelytrum roseum (Nees) Bews

**Miscanthus sinensis* Andersson (Eulalia) : Included by Allred (1993) 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* var. *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 1993; M&H; W&S]

foxtail muhly

Muhlenbergia comata (Thurber) Benth

arenacea (Buckley) A.S. Hitchcock [Allred 1993; M&H; W&S]

ear muhly

Sporobolus auriculatus Vasey

arenicola Buckley [Allred 1993; M&H; W&S]

sand muhly

arizonica Scribner [Allred 1993]

Arizona muhly

arsenei A.S. Hitchcock [Allred 1993; M&H]

Arsene's muhly

asperifolia (Nees & Meyer ex Trinius) Parodi [Allred 1993; M&H; W&S]

scratchgrass

Sporobolus asperifolius (Nees & Meyer ex Trinius) Nees

brevis C.O. Gooding [Allred 1993; 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 1993; M&H; W&S]

plains muhly

depauperata Scribner [Allred 1993; M&H; W&S]

sixweeks muhly
Muhlenbergia schafferni Fournier
dubia Fournier ex Hemsley [Allred 1993; M&H; W&S]
 pine muhly
Muhlenbergia acuminata Vasey
eludens C.G. Reeder [Allred 1993; Johnson 2002; M&H]
 gravel-bar muhly
emersleyi Vasey [Allred 1993; M&H; W&S]
 bullgrass
filiculmis Vasey [Allred 1993; M&H]
 slimstem muhly
filiformis (Thurber ex S. Watson) Rydberg [Allred 1993; M&H]
 pull-up muhly
fragilis Swallen [Allred 1993; M&H]
 delicate muhly
glauca (Nees) B.D. Jackson [Allred 1993; 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 1993; M&H; W&S]
 longtongue muhly
Epicampes stricta Presl
metcalfei M.E. Jones [Allred 1993; W&S]
 Metcalfe's muhly
mexicana (Linnaeus) Trinius var. **mexicana** [Allred 1993; M&H; W&S]
 Mexican muhly
mexicana (Linnaeus) Trinius var. **filiformis** (Torrey) Scribner [Allred 1993]
 Mexican muhly
Muhlenbergia mexicana (Linnaeus) Trinius forma *ambigua* (Torrey) Fernald
minutissima (Steudel) Swallen [Allred 1993; M&H; W&S]
 least muhly
Agrostis minutissima Steudel
Sporobolus confusus auct.
montana (Nuttall) A.S. Hitchcock [Allred 1993; M&H; W&S]
 mountain muhly
Muhlenbergia subalpina Vasey
Muhlenbergia trifida Hackel
monticola Buckley = *Muhlenbergia tenuifolia* (Kunth) Trinius
neomexicana Vasey = *Muhlenbergia neomexicana* Buckley
parviglumis Vasey = *Muhlenbergia spiciformis* Trinius
pauciflora Buckley [Allred 1993; M&H]
 New Mexico muhly
Muhlenbergia neomexicana Vasey
peruviana (Beauvois) Steudel [Allred 1993]
Muhlenbergia pulcherrima Scribner
 Peruvian muhly
polycaulis Scribner [Allred 1993; M&H]
 cliff muhly
porteri Scribner ex Beal [Allred 1993; M&H; W&S]
 bush muhly
pungens Thurber [Allred 1993; M&H; W&S]
 sandhill muhly
racemosa (Michaux) Britton, Sterns, & Poggenburg [Allred 1993; M&H; W&S]
 green muhly
ramulosa (Kunth) Swallen [Allred 1993; M&H]
 red muhly
Muhlenbergia wolfii (Vasey) Rydberg
repens (Presl) Hitchcock [Allred 1993; M&H; W&S]
 creeping muhly
richardsonis (Trinius) Rydberg [Allred 1993; M&H; W&S]
 mat muhly
Muhlenbergia squarrosa Rydberg
rigens (Bentham) A.S. Hitchcock [Allred 1993; M&H; W&S]

- deergrass
Epicampes rigens Bentham
Muhlenbergia mundula I.M. Johnston
rigida (Kunth) Trinius [Allred 1993; M&H; W&S]
purple muhly
Muhlenbergia affinis Trinius
schaffneri Fournier = *Muhlenbergia depauperata* Scribner
setifolia Vasey [Allred 1993; M&H]
curlyleaf muhly
sinuosa Swallen [Allred 1993; M&H]
barrens muhly
spiciformis Trinius [Allred 1993; M&H]
long-awn muhly
Muhlenbergia parviglumis Vasey
squarrosa (Trinius) Rydberg = *Muhlenbergia richardsonis* (Trinius) Rydberg
straminea A.S. Hitchcock [Allred 1993; 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 1993; M&H; W&S]
mesa muhly
Muhlenbergia monticola Buckley
Muhlenbergia neomexiana Vasey
texana Buckley [Allred 1993; M&H]
Texas muhly
thurberi (Scribner) Rydberg [Allred 1993; M&H; W&S]
Thurber's muhly
torreyi (Kunth) A.S. Hitchcock ex Bush [Allred 1993; 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 1993; 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 1993; M&H; W&S]
spike muhly
- Munroa** false-buffalograss
Anton, A.M & A.T. Hunziker. 1978. El genero *Munroa* (Poaceae): Sinopsis morfologica y taxonomica. Bol. Acad. Nac. Ci. 52:229-252.
squarrosa (Nuttall) Torrey [Allred 1993; M&H; W&S]
false-buffalograss
Munroa squarrosa (Nuttall) Torrey var. *floccuosa* Vasey ex Beal
- 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 1993; M&H; W&S]
Mexican feathergrass
Stipa tenuissima Trinius
viridula (Trinius) Barkworth [Allred 1993; 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 1993; 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

grandis (S. Watson) Nash = *Glyceria grandis* S. Watson

nervata (Willdenow) Kuntze = *Glyceria striata* (Lamarck) Hitchcock

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*]

Bough, M., J.C. Colosi, & P.B. Cavers. 1986. The major weedy biotypes of proso millet (*Panicum miliaceum*) in Canada. *Can. J. Bot.* 64:1188-198.

Clark, C.A. & F.W. Gould. 1975. Some epidermal characteristics of paleas of *Dichanthelium*, *Panicum*, and *Echinochloa*. *Amer. J. Bot.* 62:743-748.

Fairbrothers, D.E. 1953. Relationships in the *Capillaria* group of *Panicum* in Arizona and New Mexico. *Amer. J. Bot.* 40:708-714.

McGregor, R.L. 1984. *Panicum capillare* L. var. *occidentale* Rydberg (Poaceae): an illegitimate name. *Contr. Univ. Kansas Herb.* No. 10.

McGregor, R.L. 1984. *Panicum capillare* L. var. *barbipulvinatum* (Nash) comb. nov. *Phytologia* 55:256.

McGregor, R.L. 1985. *Panicum hillmanii* Chase (Poaceae): validity and distribution. *Contr. Univ. Kansas Herb.* No. 13.

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 mojavnense*]

Spellenberg, R.S., D. Anderson, & R. Brozka. 1993. Noteworthy Collections: New Mexico. *Madroño* 40:136-138. [*Panicum mojavnense*]

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.

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 1993]

bitter panicum

***antidotale** Retzius [Allred 1993]

blue panicum

arizonicum Scribner & Merrill = *Urochloa arizonica* (Scribner & Merrill) Morrone & Zuloaga

barbipulvinatum Nash = *Panicum capillare* Linnaeus var. *barbipulvinatum* (Nash) McGregor

bulbosum Kunth [Allred 1993; M&H; W&S]

bulb panicum

Panicum bulbosum Kunth var. *minus* Vasey

Panicum bulbosum Kunth var. *sciaphilum* (Ruprecht) Hitchcock & Chase

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 1993; W&S]

witchgrass

Panicum barbipulvinatum Nash

capillare Linnaeus var. **brevifolium** Rydberg & Shear [Allred 1993; M&H]

common witchgrass

Panicum capillare var. *occidentale* Rydberg

capillare Linnaeus var. *capillare* : Reported by M&H, but no validating specimens located. [Allred 1993; McGregor 1984]

capillare Linnaeus var. *occidentale* Rydberg = *Panicum capillare* Linnaeus var. *brevifolium* Rydberg & Shear

***coloratum** Linnaeus [Allred 1993]

Kleingrass

***dichotomiflorum** Michaux [Allred 1993; M&H; W&S]

fall panicum

fasciculatum Swartz var. *reticulatum* (Torrey) Beal = *Urochloa fusca* (Swartz) Hansen & Wunderlin

hallii Vasey var. **filipes** (Scribner) Waller [Allred 1993]

filly panicum

hallii Vasey var. **hallii** Vasey [Allred 1993; M&H; W&S]

Hall's panicum

havardii Vasey [Allred 1993; W&S]

Havard's panicum

helleri Nash = *Dichanthelium oligosanthes* (Schultes) Gould var. *scribnerianum* (Nash) Gould

***hians** Elliott [Allred 1993; M&H; W&S]

gaping panicum

Steinchisma hians (Elliott) Nash

hillmanii Chase [Allred 1993]

Hillman's panicum

hirticaule Presl var. ***hirticaule*** [Allred 1993; 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 = *Dichanthelium acuminatum* (Swartz) Gould & Clark var. ***acuminatum***

huachucae Ashe var. ***huachecae*** = *Dichanthelium acuminatum* (Swartz) Gould & Clark var. ***acuminatum***

lanuginosum Elliott = *Dichanthelium 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 = *Dichanthelium acuminatum* (Swartz) Gould & Clark var. ***acuminatum***

linearifolium of earlier NM works = *Dichanthelium perlongum* (Nash) Freckmann

****miliaceum*** Linnaeus subsp. ***miliaceum*** [Allred 1993; 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 1993; M&H; W&S]

vine mesquite

pampinosum A.S. Hitchcock & Chase [Zuloaga & Morrone 1996]

southwestern witchgrass

Panicum hirticaule Presl var. ***pampinosum*** (A.S. Hitchcock & Chase) Beetle

perlongum Nash = *Dichanthelium perlongum* (Nash) Freckmann

plenum A.S. Hitchcock & Chase [M&H; W&S]

canyon panicum

scribnerianum Nash = *Dichanthelium oligosanthes* (Schultes) Gould var. ***scribnerianum*** (Nash) Gould

stramineum A.S. Hitchcock & Chase : Reported by Allred (1993), but no validating specimens have been located. Zuloaga & Morrone (1996) do not include NM in their distribution.

Panicum hirticaule Presl var. ***stramineum*** (A.S. Hitchcock & Chase) Beetle

tennesseene Ashe = *Dichanthelium acuminatum* (Swartz) Gould & Clark var. ***acuminatum***

texanum Buckley = *Urochloa texana* (Buckley) R.D. Webster

virgatum Linnaeus [Allred 1993; M&H; W&S]

switchgrass

wilcoxianum Vasey = *Dichanthelium 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 1993; 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*** Shinnery (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

****dilatatum*** Poiret [Allred 1993; M&H]

dallisgrass

distichum Linnaeus [Allred 1982, 1993; M&H; W&S]

knotgrass

Paspalum distichum var. ***indutum*** Shinnery

setaceum Michaux var. ***ciliatifolium*** (Michaux) Vasey [Allred 1993; M&H; W&S]

fringeleaf paspalum

Paspalum ciliatifolium Michaux

setaceum Michaux var. ***stramineum*** (Nash) Banks [Allred 1993; 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 (1993) 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 1993]

buffelgrass

Cenchrus ciliaris Linnaeus

*setaceum (Forsskål) Chiovenda (fountaingrass) : Included by Allred (1993) 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 1993]

Timothy canarygrass

arundinacea Linnaeus [Allred 1993; M&H; W&S]

reed canarygrass

Phalaroides arundinacea (Linnaeus) Rauschert

**canariensis* Linnaeus [Allred 1993; M&H]

common canarygrass

caroliniana Walter [Allred 1993; M&H; W&S]

Carolina canarygrass

**minor* Retzius [Allred 1993]

lesser canarygrass

Phleum Timothy

Joachimski, A. & A. Kula. 1996. Karyosystematics of the *Phleum alpinum* polyploid complex. Plant Syst. Evol. 203:11-25.

alpinum Linnaeus var. *commutatum* (Gaudin) Richter [Allred 1993; M&H; W&S]

alpine Timothy

Phleum commutatum Gaudin

commutatum Gaudin = *Phleum alpinum* Linnaeus var. *commutatum* (Gaudin) Richter

**pratense* Linnaeus [Allred 1993; 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. 2004. Recognition of *Phragmites australis* subsp. *americanus* (Poaceae: Arundinoideae) 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 p.p.

Phragmites phragmites p.p.

**australis* (Cavanilles) Trinius ex Steudel subsp. *australis* [Saltonstall et al. 2004]

common reed

Phragmites communis p.p.

Phragmites phragmites p.p.

australis (Cavanilles) Trinius ex Steudel var. *berlandieri* (Fournier) Reed [Allred 1993; M&H; Saltonstall et al. 2004;

W&S]

common reed

Phragmites communis p.p.

Phragmites phragmites p.p.

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 (1993) 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>. [*P. pungens*]

micranthum (Trinius & Ruprecht) Barkworth [Allred 1993; M&H; W&S]

littleseed ricegrass

Oryzopsis micrantha (Trinius & Ruprecht) Thurber

pungens (Torrey) Barkworth [Hartman 2003]

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 1993; M&H; W&S]

piñon ricegrass

- Oryzopsis fimbriata* (Kunth) Hemsley
Stipa fimbriata Kunth
pringlei (Beal) Parodi [Allred 1993; 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 1993; M&H; W&S]
 galleta
Hilaria jamesii (Torrey) Benth
- mutica** Buckley [Allred 1993; M&H; W&S]
 tobosa
Hilaria mutica (Buckley) Benth
- *rigida** Thurber in S. Watson [Allred 1993]
 big galleta
Hilaria rigida (Thurber) Benth ex Scribn
- 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
- alpina** Linnaeus [Allred 1993; M&H]
 alpine bluegrass
ampla Merrill = *Poa secunda* Presl subsp. *juncifolia* (Scribn) R.J. Soreng
***annua** Linnaeus [Allred 1993; M&H; W&S]
 annual bluegrass
aperta Scribn & Merrill = *Poa arctica* R. Brown subsp. *aperta* (Scribn & Merrill) Soreng
***arachnifera** Torrey [Allred 1993]
 Texas bluegrass
arctica R. Brown subsp. *aperta* (Scribn & Merrill) Soreng [Allred 1993; M&H; W&S]
 arctic bluegrass
Poa aperta Scribn & Merrill
Poa gracillima of New Mexico authors
arctica R. Brown subsp. **grayana** (Vasey) A. & D. Löve & Kapoor [Allred 1993; W&S]
 Gray's bluegrass
Poa grayana Vasey
arida Vasey [Allred 1993; M&H; W&S]
 plains bluegrass
Poa glaucifolia Scribn & Williams
bigelovii Vasey & Scribn [Allred 1993; M&H; W&S]
 Bigelow's bluegrass
brevipaniculata Scribn & Will. = *Poa fendleriana* (Steudel) Vasey subsp. *fendleriana*
***bulbosa** Linnaeus [Allred 1993; M&H]
 bulbous bluegrass
Poa bulbosa Linnaeus var. *vivipara* Koeler
bulbosa Linnaeus var. *vivipara* Koeler = *Poa bulbosa* Linnaeus
canbyi (Scribn) Piper = *Poa secunda* Presl subsp. *secunda*
***compressa** Linnaeus [Allred 1993; M&H; W&S]
 Canada bluegrass
fendleriana (Steudel) Vasey subsp. **albescens** (A.S. Hitchcock) Soreng [Allred 1993]
 Mexican muttongrass
Poa albescens A.S. Hitchcock
fendleriana (Steudel) Vasey subsp. **fendleriana** [Allred 1993; M&H; W&S]
 Fendler muttongrass
Eragrostis fendlerianus Steudel
Poa brevipaniculata Scribn & Williams
Poa longepedunculata Scribn

fendleriana (Steudel) Vasey subsp. *longiligula* (Scribner & T.A. Williams) Soreng [Allred 1993; M&H; W&S]
 longtongue muttongrass
Poa longiligula Scribner & Williams

glauca Vahl subsp. *glauca* [Allred 1993; M&H]
 Greenland bluegrass

glauca Vahl. subsp. *rupicola* (Nash ex Rydberg) W.A. Weber [Allred 1993; M&H]
 timberline bluegrass
Poa rupicola Nash

glaucifolia Scribner & Williams = *Poa arida* Vasey
gracillima of New Mexico 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 1993; M&H; W&S]
 interior bluegrass

laevigata Scribner = *Poa secunda* Presl subsp. *secunda*

leptocoma Trinius [Allred 1993; 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
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

occidentalis Vasey [Allred 1993; M&H; W&S]
 New Mexico bluegrass

palustris Linnaeus [Allred 1993; M&H]
 fowl bluegrass

pattersonii Vasey : Reported as expected by M&H; awaits verification.

pratensis Linnaeus subsp. *agassizensis* (Boivin & D. Löve) Taylor & MacBryde [Allred 1993]
 Kentucky bluegrass
Poa agassizensis Boivin & D. Löve

pratensis Linnaeus subsp. *alpigena* (Lindman) Hiitonen [Soreng 2001]
 Kentucky bluegrass
Poa alpigena Lindman

**pratensis* Linnaeus subsp. *pratensis* [Allred 1993; M&H; W&S]
 Kentucky bluegrass

reflexa Vasey & Scribner ex Vasey [Allred 1993; M&H; W&S]
 nodding bluegrass

rupicola Nash = *Poa glauca* Vahl. subsp. *rupicola* (Nash) W.A. Weber

secunda Presl subsp. *juncifolia* (Scribner) R.J. Soreng
 alkali bluegrass
Poa ampla Merrill
Poa nevadensis Vasey ex Scribner

secunda Presl subsp. *secunda* [Allred 1993; 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. [Allred 1993]

tracyi Vasey [Allred 1993; M&H; W&S]
 Tracy's bluegrass

**trivialis* Linnaeus [Allred 1993]
 rough bluegrass

wheeleri Vasey [Allred 1993; M&H]
 Wheeler's bluegrass
Poa nervosa (Hooker) Vasey var. *wheeleri* (Vasey) C.L. Hitchcock

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.
 x *littoralis* Small = *Polypogon interruptus* Kunth

**interruptus* Kunth [Allred 1993; M&H; W&S]
 ditch polypogon
 ×*Agropogon littoralis* (Small) C.E. Hubbard
Polypogon interruptus Kunth

- Polypogon littoralis* Small
***maritimus** Willdenow [Barkworth 2004]
 southern polypogon
- *monspeliensis** (Linnaeus) Desfontaines [Allred 1993; M&H; W&S]
 rabbitfootgrass
- *viridis** (Gouan) Breistroffer [Allred 1993; M&H]
 water polypogon
Agrostis semiverticillata (Forsskål) Christensen
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 1993]
 Russian wildrye
Elymus junceus Fischer
- Pseudoroegneria spicata* (Pursh) A. Löve = *Elymus spicatus* (Pursh) Gould
- Puccinellia** alkaligrass
 Church, G.L. 1949. A cytotoxic 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 1993; M&H]
 weeping alkaligrass
- nuttalliana** (Schultes) A.S. Hitchcock [Allred 1993; M&H; W&S]
 Nuttall alkaligrass
Puccinellia airoides (Nuttall) S. Watson & Coulter
- parishii** A.S. Hitchcock [Allred 1993; 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 1993; M&H]
 blowout-grass
- 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
Erianthus ravennae (Linnaeus) Beauvois
- Savastana odorata* (Linnaeus) Scribner = *Hierochloa odorata* (Linnaeus) Beauvois
- Schedonnardus** tumblegrass
paniculatus (Nuttall) Trelease [Allred 1993; M&H; W&S]
 tumblegrass
- 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: Danthonieae). 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 1993; Hatch 1977]
 Arabian Mediterraneangrass
***barbatus** (Loefling ex Linnaeus) Thellung [Allred 1993; 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 1993; 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 1993; W&S]
 Texas bluestem

- Andropogon cirratus* Hackel
neomexicanum Nash [Allred 1993; W&S]
 New Mexico bluestem
Andropogon scoparius Michaux var. *neomexicanus* (Nash) Hitchcock
sanguineum (Retzius) Alston var. **hirtiflorum** (Nees) Hatch [Allred 1993]
 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 1993; 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 1993]
 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 1993; M&H; W&S]
 burrograss
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 1993; M&H]
 rye
- Sesleria dactyloides* Nuttall = *Buchloë dactyloides* (Nuttall) Engelman
- Setaria** bristlegrass
 Emery, W.H.P. 1957. A cytotoxic 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 1993; Hatch 1977]
 clinging bristlegrass
geniculata (Lamarck) Beauvois = *Setaria parviflora* (Poiret) Kerguelen
glauca (Linnaeus) Beauvois = *Setaria pumila* (Poiret) Roemer & Schultes
grisebachii Fournier [Allred 1993; M&H; W&S]
 Grisebach's bristlegrass
Chaetochloa grisebachii ampla Scribner & Merrill
***italica** (Linnaeus) Beauvois [Allred 1993; M&H]
 foxtail millet
Chaetochloa italica (Linnaeus) Scribner
leucopila (Scribner & Merrill) K. Schumann [Allred 1993]
 plains bristlegrass
Setaria macrostachya of most U.S. authors
lutescens (Weigel) F.T. Hubbard = *Setaria pumila* (Poiret) Roemer & Schultes
macrostachya Kunth [Allred 1993; M&H; W&S]
 plains bristlegrass
Chaetochloa composita (Kunth) Scribner
***magna** Grisebach [Allred 1993]
 giant foxtail
parviflora (Poiret) Kerguelen [Allred 1993; M&H]

- knotroot bristlegrass
Setaria geniculata (Lamarck) Beauvois
***pumila** (Poiret) Roemer & Schultes [Allred 1993; M&H; W&S]
- yellow bristlegrass
Chaetochloa glauca (Linnaeus) Scribner
Setaria glauca (Linnaeus) Beauvois
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 1993; 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 1993; M&H]
hooked bristlegrass
villosissima (Scribner & Merrill) K. Schumann : Reported as expected by M&H; awaits verification.
- *viridis** (Linnaeus) Beauvois [Allred 1993; 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
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 1993; 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 1993; M&H]
sorghum, milo
Sorghum vulgare Persoon
***bicolor** (Linnaeus) Moench subsp. **drummondii** (Nees ex Steudel) deWet [Allred 1993]
Sudan grass
Sorghum sudanense (Piper) Stapf
***halepense** (Linnaeus) Persoon [Allred 1993; 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 1993; M&H]
alkali cordgrass
pectinata Bosc ex Link [Allred 1993]
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 1993; 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 1993; 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. Fasset. 1950. Subspecific variation in *Sporobolus cryptandrus*. Rhodora 52:125-126. [Poaceae]

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 1993; M&H; W&S]

alkali sacaton

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 1993; M&H; W&S]

tall dropseed

Sporobolus asper (Beauvois) Kunth

confusus auct. = *Muhlenbergia minutissima* (Steudel) Swallen

contractus A.S. Hitchcock [Allred 1993; M&H; W&S]

spike dropseed

Sporobolus strictus Merrill

cryptandrus (Torrey) Gray [Allred 1993; M&H; W&S]

sand dropseed

flexuosus (Thurber ex Vasey) Rydberg [Allred 1993; M&H; W&S]

mesa dropseed

giganteus Nash [Allred 1993; M&H; W&S]

giant dropseed

heterolepis (A. Gray) A. Gray [Allred 1993]

prairie dropseed

nealleyi Vasey [Allred 1993; M&H; W&S]

gypgrass

***neglectus** Nash [Allred 1993; M&H]

puffsheath dropseed

pulvinatus Swallen = *Sporobolus pyramidatus* (Lamarck) A.S. Hitchcock

pyramidatus (Lamarck) A.S. Hitchcock [Allred 1993; M&H]

whorled dropseed

Sporobolus pulvinatus Swallen

strictus Merrill = *Sporobolus contractus* A.S. Hitchcock

texanus Vasey [Allred 1993; M&H; W&S]

Texas dropseed

***vaginiflorus** (Torrey ex Gray) Wood [Allred 1993; M&H]

poverty dropseed

wrightii Munro ex Scribner [Allred 1993; M&H; W&S]

giant sacaton

Sporobolus airoides (Torrey) Torrey var. *wrightii* (Scribner) Gould

**Stenotaphrum secundatum* (Walter) Kuntze (St. Augustinegrass) : Included by Allred (1993) 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 var. *comata* = *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

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 = *Achnatherum speciosum* (Trinius & Ruprecht) Barkworth

tenuissima Trinius = *Nassella tenuissima* (Trinius) Barkworth

tweedyi Scribner = *Hesperostipa comata* (Trinius & Ruprecht) Barkworth subsp. *intermedia* (Scribner & Tweedy) Barkworth

vaseyi Scribner = *Achantherum 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
Thinopyrum 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 1993; 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 1993; 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 1993; 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 (Benth) Chase = *Digitaria californica* (Benth) Henrard
Trichloris false-rhodesgrass
crinita (Lagasca) Parodi [Allred 1993; M&H; W&S]
 false rhodesgrass
Chloris crinita Lagasca
Trichloris fasciculata Fournier
fasciculata Fournier = *Trichloris crinita* Lagasca
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 1993; M&H]
 white tridens
Triodia albescens Vasey
avenaceus (Kunth) Hitchcock = *Erioneuron avenaceum* (Kunth) Tateoka
elongatus (Buckley) Nash = *Tridens muticus* (Torrey) Nash var. *elongatus* (Buckley) Shinnors
 **eragrostoides* (Vasey & Scribner) Nash [Allred 1993]
 lovegrass tridens
 **flavus* (Linnaeus) A.S. Hitchcock [Allred 1993; M&H]
 purpletop
grandiflorus (Vasey) Wooton & Standley = *Erioneuron avenaceum* (Kunth) Tateoka
muticus (Torrey) Nash var. *elongatus* (Buckley) Shinnors [Allred 1993; M&H]
 rough tridens
Tridens elongatus (Buckley) Nash
Triodia elongata (Buckley) Scribner
muticus (Torrey) Nash var. *muticus* [Allred 1993; M&H]
 slim tridens
Triodia mutica (Torrey) Scribner
nealleyi (Vasey) Wooton & Standley = *Erioneuron nealleyi* (Vasey) Gould
pilosus (Buckley) Hitchcock = *Erioneuron pilosum* (Buckley) Nash
pulchellus (Kunth) Hitchcock = *Dasyochloa pulchella* (Kunth) Steudel
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 1993; 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 1993; 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 *Graphephorum* (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. Hill. 1986. Biosystematic studies of North American *Trisetum spicatum* (Poaceae). *Syst. Bot.* 11:567-578.

flavescens (Linnaeus) Beauvois : Reported as expected by M&H; awaits verification.

interruptum Buckley [Allred 1993; M&H; W&S]

prairie trisetum

montanum Vasey [Allred 1993; M&H; W&S]

Rocky Mountain trisetum

Trisetum spicatum (Linnaeus) Richter subsp. *montanum* (Vasey) Weber

spicatum (Linnaeus) Richter [Allred 1993; M&H; W&S]

spike trisetum, spike oats

spicatum (Linnaeus) Richter subsp. *montanum* (Vasey) Weber = *Trisetum montanum* Vasey

subspicatum (Linnaeus) Beauvois var. *muticum* Bolander = *Trisetum wolfii* Vasey

wolfii Vasey [Allred 1993; M&H]

Wolf's trisetum

Graphephorum 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 1993; M&H]

wheat

cylindricum (Host) Cesati = *Aegilops cylindrica* Host

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*, *U. 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 1993; M&H; W&S]

Arizona signalgrass

Brachiaria arizonica (Scribner & Merrill) S.T. Blake

Panicum arizonicum Scribner & Merrill

ciliatissima (Buckley) R.D. Webster [Allred 1993; Hatch 1977]

fringed signalgrass

Brachiaria ciliatissima (Buckley) Chase

fasciculata (Swartz) R.D. Webster = *Urochloa fusca* (Swartz) Hansen & Wunderlin

fusca (Swartz) Hansen & Wunderlin [Allred 1993; 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 1993; Hatch 1977]

liverseed grass

texana (Buckley) R.D. Webster [Allred 1993; Hatch 1977]

Texas signalgrass

Brachiaria texana (Buckley) S.T. Blake

Panicum texanum Buckley

Valota saccharata (Buckley) Chase = *Digitaria californica* (Benth) Henrard

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* var. *microstachys*]

***bromoides** (Linnaeus) S.F. Gray [Allred 1993]

brome sixweeks-fescue

Festuca dertonensis (Allioni) Ascherson & Graebner

microstachys (Nuttall) Munro in Bentham var. **microstachys** [Allred 1993]

small sixweeks-fescue

microstachys (Nuttall) Munro in Bentham var. **pauciflora** (Scribner ex Beal) Lonard & Gould [Allred 1993; M&H; W&S]

small sixweeks-fescue

Festuca microstachys Nuttall var. *pauciflora* Scribner ex Beal

Festuca pacifica Piper

myuros (Linnaeus) K.C. Gmelin var. **hirsuta** Hackel [Allred 1993; M&H]

rattail sixweeks-fescue

Festuca megalura Nuttall

***myuros** (Linnaeus) K.C. Gmelin var. **myuros** [Allred 1993; Hatch 1977; M&H]

rattail sixweeks-fescue

Festuca myuros Linnaeus

octoflora (Walter) Rydberg var. **glauca** (Nuttall) Fernald [Allred 1993; 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 1993]

sixweeks-fescue

Festuca octoflora Walter subsp. *hirtella* Piper

octoflora (Walter) Rydberg var. **octoflora** [Allred 1993; 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 1993]

corn, maize

**Zoysia japonica* Steudel (Japanese zoysiagrass) : Included by Allred (1993) only as an ornamental lawn grass and not known to escape.

**matrella* (Linnaeus) Merrill (Manilla zoysiagrass) : Included by Allred (1993) only as an ornamental lawn grass and not known to escape.

Family PONTEDERIACEAE [1/2/2]

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 [1/12/13]

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* var. *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. Bartonica 46:22-42.

Wiegleb, 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

bercholdii 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
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. *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
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 [1/1/1]

Haynes, R.R. 2000. Ruppiaceae, p. 75-76. IN: Flora North America, vol. 22. Oxford University Press.

Ruppia ditch-grass
cirrhusa (Petagna) Grande [Haynes 2000; M&H]
 spiral ditch-grass
Ruppia maritima of NM reports
maritima of NM reports = *Ruppia cirrhosa* (Petagna) Grande

Family SPARGANIACEAE [1/3/3]

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 [1/3/3]

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 [1/1/1]

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

Statistical Summary of the Flora of New Mexico

August 28, 2003