

Curriculum Vitae: Linda Ann Vorobik. Revised May 2008.

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 CALIFORNIA: University & Jepson Herbaria, UC, 1001 Valley Life Sciences Building #2465, Berkeley, CA 94720-2465
 WASHINGTON: PO Box 866, Lopez Island, WA 98261. www.VorobikBotanicalArt.com

Dr. Linda Ann Vorobik is a Visiting Scholar at the University Herbarium, University of California, Berkeley, and at the University of Washington, Seattle. She specializes in plant systematics and botanical illustration. She was Editor of *Fremontia* (journal of the California Native Plant Society) from 1999-2006, and conducts research on the genus *Arabis* (rock cress, Brassicaceae; molecular genetic analysis using the ITS, ETS, chloroplast, and low-copy nuclear genes to determine taxonomic relationships between species in the *A. macdonaldiana* group). Dr. Vorobik is principal illustrator for several books, including *Flora North America Volume 25* (Grasses), *The Jepson Manual: Higher Plants of California*, *The Jepson Desert Manual*, and *A Flora of Santa Cruz Island*, and has taught numerous courses including *An Introduction to California Plant Life* (plant communities and plant taxonomy) and *Botanical Illustration* through a number of universities and field institutes. Dr. Vorobik's current illustration projects include revising illustrations for *The Jepson Manual*, second edition; monograph illustrations for L. Shultz's treatment of *Artemisia*, and illustrations for *A Flora of Santa Catalina Island*.

Education

BA, Biology with Math Minor, Magna Cum Laude. 1977. Western Washington University, Bellingham

PhD, Biology. 1985. University of Oregon, Eugene. Dissertation: *Hybridization and reproductive isolation between sympatric Arabis (Cruciferae) in southwestern Oregon*

Awards & Honors

California Native Plant Society Editing Excellence Award, 2006

Bureau of Land Management, Medford Office, *Arabis* (rock cress, Mustard Family) research, 2002

Stanley Smith Award: *Sierra Nevada Plants Project*, 1999, 2000

Homeland Grant: *Sierra Nevada Plants Project*, 1999, 2000

Lawrence Heckard Award, *Sierra Nevada Plants Project*, 1998, 1999, 2000

Lawrence Heckard Award, *Arabis* (rock cress, Mustard Family) research, 1998, 2002

Hunt Institute of Carnegie Mellon University: Inclusion in Botanical Art Catalog, 1995

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Jean Davis Memorial Award, Native Plant Society of Oregon, 1983

Biology Department Grant, University of Oregon, 1979

Professional Interests

Reproductive biology and systematics of *Arabis* (rock cress, Brassicaceae)

Floristics of western North America, especially of the Klamath-Siskiyou Mountains

Botanical illustration (all aspects); editing and design of biology and natural history publications

Summary of Courses Taught (see expanded list below)

Introduction to California Plant Life (7 terms, 1993- 1999, UC, Berkeley), *Crash Course in Flowering Plant Families* (9 classes from 1998-2007, Siskiyou Field Institute, 1 or 2 credit hours SOU), *Botanical Illustration* (11 terms, 1995-1999 & 2001-2007, UW, Seattle), *Genetics*, *Principles of Biology*, *General Biology*, *Natural History of Oregon: Birds & Species Concepts*, *Vascular Plants of N. American Deserts*, *Ecology of N. American Deserts*, *Vertebrates of N. American Deserts*, *Invertebrates of N. American Deserts*, *Natural Science Illustration*, *Systematic Botany*, *Introduction to Ecology*, *Field Botany*.

Herbarium Curatorial Experience

Graduate Assistant, ORE, 20 hours per weeks fall and winter quarters, 1979-1982.

Responsibilities included basic duties of typing labels and preparing and filing specimens, to researching type status of for all prospective specimens in type collection, annotating types, and cataloging type specimen data into a manuscript that was incorporated into the OSC/WILLU type collection database when ORE was transferred to Oregon State University from the University of Oregon. Collection for botanical research and consulting work has resulted in Vorobik collections that fill two full-sized cabinets (one general collection, one *Arabis* specimens). *Arabis* dissertation research loans to thirteen institutions including HSC were annotated and returned shortly after completion of graduate research. In addition *Arabis* collections not borrowed for dissertation research have been annotated upon visits to, for example, SBBG, UC/JEPS, ORE/OSC/WILLU, WTU, TEX, and MBG.

Botanical illustration work is herbarium-based, involving my requesting, handling and accessioning (above and beyond the duties of receiving herbarium, WTU or UC/JEPS), and returning several thousand specimens. Illustration work also frequently involves pulling specimens and re-filing them; frequently routine curatorial work is done at the same time (re-filing incorrectly filed specimens; bringing damaged specimens, or possible type specimens, to the attention of the collections manager). Botanical artwork includes an understanding of

museum standards with respect to archival storage: fine art produced by Vorobik is "conservation quality" where, for example, only acid-free or pH-balanced materials are used.

The applicant regularly uses a variety of software that would be used in the management of an herbarium, including spreadsheets (Excel), databases (Access), labeling programs (labelquest), web-design programs (Dreamweaver, Frontpage), and design programs (Pagemaker) for creation of publications such as an herbarium newsletter.

Selected Book Projects - in progress

Author and illustrator for *Sierra Nevada Plants: Wildflowers to Trees*, Jepson Herbarium, University of California, Berkeley, CA.

Illustrator for *A Flora of San Nicolas Island*. Santa Barbara Botanic Garden, Santa Barbara

Illustrator for *A Flora of Santa Catalina Island*. Santa Barbara Botanic Garden, Santa Barbara

Selected Books Illustrated by Vorobik

Flora North America, Volume 25, edited by M. Barkworth, et al, and FNA Editorial Board.

The Jepson Desert Manual: Vascular Plants of Southeastern California, edited by B. Baldwin, et al.

A Flora of Santa Cruz Island, by S. Junak et al.

The Jepson Manual: Higher Plants of California, edited by J. Hickman.

Mountain Plants of the Pacific Northwest, by R. J. Taylor and G. W. Douglas.

Morphology and Evolution of Vascular Plants, by E. M. Gifford and A. S. Foster.

EMPLOYMENT SUMMARY (For more detail, see below)

2007 to 2008: Independent contractor for botanical illustrations; producer of fine art botanical watercolors, prints, and cards; instructor of botanical workshops and illustration workshops. See www.VorobikBotanicalArt.com, workshop page for teaching schedule.

2000 to 2006: **Editor**, *Fremontia*, Journal of the California Native Plant Society

1998 to 2002: **Editor**, *Kalmiopsis*, Journal of the Oregon Native Plant Society

June, 1998 to 2006: **Instructor**, *Crash Course in Flowering Plant Families* (1 credit hour, SOU), Siskiyou Field Institute

Summer terms, 1993 to 1999: **Instructor**, *An Introduction to California Plant Life* lecture and lab (upper division diversity course), Integrative Biology Department, Berkeley, California

Spring terms, 1996 to 1999 and 2001 to 2006: **Instructor**, *Botanical Illustration* (Certificate Program Course), University of Washington, Seattle, Washington

Nov 1993 to present: **Freelance Botanist** (Field surveys; illustrations, page design, and editing of botanical manuscripts), University of California, Santa Barbara Botanic Garden, Utah State University, University of Texas, Native Plant Society of California, Siskiyou National Forest, BLM

Feb 1988 - Nov 1993: **Principal Illustrator for *The Jepson Manual: Higher Plants of California***, Jepson Herbarium and Integrative Biology Department, University of California, Berkeley

Spring 1987 and August 1990, 1992: **Instructor**, *Natural Science Illustration, Vascular Plants of North American Deserts, Ecology of North American Deserts, Vertebrates of North American Deserts, Invertebrates of North American Deserts, and Individual Project: North American Deserts*, Malheur Field Station, Princeton Oregon

Winter and Spring 1986: **Instructor**, *Genetics, Principles of Biology, General Biology lab*, Biology Department, Southern Oregon University, Ashland

1983 - 1985: **Biological Illustrator**, Botany Department, University of Texas, Austin (halftime)

1979 - 1983: **Graduate Teaching Fellow**, *Systematic Botany, Botanical Illustration, Intro. Ecology, Field Botany, and Natural History of Oregon*, Biology Department, University of Oregon, Eugene

1981 - 1982: **Editor**. *Native Plant Society of Oregon Bulletin*.

1979 - 1982: **Assistant Herbarium Curator**, University of Oregon, Eugene (halftime)

Summer, 1979: **Field Botanist**, Tongass National Forest, Ketchikan, Alaska

Feb - Oct 1978: **Rare and Endangered Plant Technician**, Nature Conservancy, Portland, Oregon

TEACHING EXPERIENCE

Plant Systematics & Ecology

Introduction to California Plant Life, (lecture on California plant communities - 2 semester hours; lab on systematics of California plants - 2 semester hours), Integrative Biology Department, University of California, Berkeley

Crash Course in Flowering Plant Families, (one week in field and lab teaching plant genus and family recognition and keying using The Jepson Manual ₤ 1 semester hour, SOU), Siskiyou Field Institute, Takilma, Oregon

Systematic Botany, Graduate Teaching Fellow, (4 quarter hours), Biology Department, University of Oregon, Eugene & Department of Biology, Western Washington University, Bellingham.

Introduction to Ecology, Graduate Teaching Fellow, (2 quarter hours), Biology Department, University of Oregon, Eugene

Field Botany, Graduate Teaching Fellow, (2 quarter hours), Biology Department, University of Oregon, Eugene

Vascular Plants of North American Deserts, (4 semester hours), Malheur Field Station in association with Pacific University, Princeton, Oregon

Ecology of North American Deserts, (4 semester hours), Malheur Field Station in association with Pacific University, Princeton, Oregon

Biology and Natural History

General Biology, (lab only, with lecture 5 quarter hours) Department of Biology, Southern Oregon University, Ashland

Principles of Biology, (lecture and lab, 5 quarter hours), Department of Biology, Southern Oregon University, Ashland

Genetics, (lecture and lab, 5 quarter hours), Department of Biology, Southern Oregon University, Ashland

Natural History of Oregon: Birds; Species Concepts, (2 quarter hours), Department of Biology, University of Oregon, Eugene

Vertebrates of North American Deserts, (4 semester hours), Malheur Field Station in association with Pacific University, Princeton, Oregon

Invertebrates of North American Deserts, (2 semester hours), Malheur Field Station in association with Pacific University, Princeton, Oregon

Individual Project: North American Deserts, (2 semester hours), Malheur Field Station in association with Pacific University, Princeton, Oregon

Biological Illustration

Botanical Illustration, (2 quarter hours), Department of Biology, University of Oregon, Eugene

Botanical Illustration, (noncredit), Siskiyou Field Institute, Cave Junction, Oregon

Natural Science Illustration, (2 semester hours), Malheur Field Station in association with Pacific University, Princeton, Oregon

Botanical Illustration (noncredit), Jepson Herbarium, University of California, Berkeley, 1999, 2000, 2001, 2002, 2003, often two workshops per year

Other Botanical Illustration Workshops, Texas Native Plant Society, Austin Chapter, 1984. University of California Botanical Garden, Berkeley, 1993, Santa Barbara Botanic Garden, Santa Barbara, 1994. Guild of Natural Science Illustrators, Seattle Chapter, 1995.

BOTANICAL EXPERIENCE (in more detail)

Editor: *Fremontia*, Journal of the California Native Plant Society. Procuring manuscripts and supporting materials, directing editorial, design, and production team.

Editor: *Kalmiopsis*, Journal of the Native Plant Society of Oregon. Procuring manuscripts and supporting materials, directing editorial, design, and production team along with Co-Editor C. Roche.

Technical Editor: *Flora of Yosemite*. Editing manuscript of illustrated flora of Yosemite National Park by Steve Botti and produced by the Yosemite Association.

Illustration Editor/Illustrator. Design and execute drawings for *Manual of Grasses of North America*, Mary Barkworth, editor, Utah State University. First volume completed, next in progress.

Principal Illustrator. Illustration plate design and assembly and execution of ~1/3 of the illustrations for Baldwin et al., ed., 2002, *The Jepson Manual: Higher Plants of California*, Jepson Herbarium, University of California, Berkeley, California. 1999-2002.

Illustrator/Consultant/Book Designer. Junak et al., 1995, *A Flora of Santa Cruz Island* (see "Selected Publications in Which Illustrations Appear"), Junak et al, *A Flora of San Nicolas Island*, and *A Flora of Santa Catalina Island*, in progress.

Principal Illustrator. Illustration plate design and assembly and execution of ~1/4 of the illustrations for Hickman, ed., 1993, *The Jepson Manual: Higher Plants of California*, Jepson

Herbarium, University of California, Berkeley, California. Appointment at 50%. February 1988 to 1993.

Principal Illustrator. Executed illustrations as needed by faculty and staff of Integrative Biology Department and University and Jepson Herbaria, University of California, Berkeley, California. Appointment at 50%. March 1988 to 1993.

Biological Illustrator. Executed illustrations as needed by the faculty of the Department of Botany and Herbarium staff, University of Texas, Austin. 1984 to 1985.

Assistant Curator of the Herbarium. Mount, sort and file specimens, process loans, make plant determinations and other public service duties, catalog and curate type collection. Department of Biology, University of Oregon, Eugene. Fall, 1978 - Spring, 1982.

Field Botanist. Make collections, species lists and rare plant management recommendations for Tongass National Forest, Ketchikan, Alaska. Summer, 1979.

Rare and Endangered Plant Technician. Transcribe rare plant data, act as liaison to Oregon Rare and Endangered Plant Species Task Force. The Nature Conservancy, Portland, Oregon. Feb - Oct, 1978.

Herbarium Assistant. Mount, sort and file specimens. Department of Biology, Western Washington University, Bellingham. October, 1975 - June, 1977.

CONTRACTS AND GRANTS

Illustrations for L. Shultz *Artemisia* monograph. Utah State University, Logan, Utah. (\$10,200) In progress.

Illustrations for revised second edition of *The Jepson Manual*. B. Baldwin, Editor. Jepson Herbarium, UC. (\$68,936) In progress.

Illustrations for *A Flora of Santa Catalina Island*. Catalina Conservancy. (All taxa illustrated; \$7,000) In progress.

Illustrations for *Rare Plant Guide for Northern California*. Gary Nakamura, University of California Extension, Redding, CA. (28 plates; \$3,400)

Illustrations and pasteup new plates for *Jepson Desert Manual*. B. Baldwin, Editor. Jepson Herbarium, UC. (\$16,500)

Illustrations, illustration editing for *Manual of Grasses of the Contiguous United States and Canada*. M. Barkworth, Editor. Jepson Herbarium, UC. (\$245,000)

Illustrations for *A Flora of San Nicolas Island*. Santa Barbara Botanic Garden, Santa Barbara, CA. (All taxa illustrated; \$6,000.)

Illustrations for *Tibouchina* monographs. Dr. Carol Todzia, University of Texas, Austin. (20 plates; \$4,000.)

Illustrations, page design, and typesetting for *A Flora of Santa Cruz Island*. Santa Barbara Botanic Garden, Santa Barbara, CA. (All taxa illustrated; \$21,000.)

Illustrations for Rare Plants of Kern and Tulare Cos. Publication. University of California Extension, Bakersfield. (\$2,500.)

Illustrations for *Mimulus* monograph. Dr. David Thompson, Rancho Santa Ana Botanic Garden, Claremont, CA. (34 illustration plates; \$6,800.)

Illustrations for *Mendocino National Forest Rare Plant Guide*. Dr. Niall McKarten, University of California, Berkeley, CA. (11 plates; \$1,375.)

Illustrations for 1994 California rare plant inventory, 5th edition. California Native Plant Society. (23 illustration plates, \$2,000.) 1993.

Illustrations for Gifford and Foster's *Morphology and Evolution of Vascular Plants*, 3rd edition. W.H. Freeman and Co. (87 illustrations; \$8,700.) June - September 1988.

Horticultural plant species illustrations. Department of Horticulture, College of Agriculture, Ohio State University, Columbus, OH. (250 illustrations; \$9,000.) January - December 1987.

Rare Plant Survey. Consumers Power Cooperative, Corvallis, OR. (\$800.) June - July, 1980.

Cover illustrations. Northwest Herbarium Consortium Newsletter. *Polystichum setigerum*, *Tellima* × *Tolmiea* hybrid, *Asclepias tuberosa*, *Arabis modesta*, "three mosses", *Machaeranthera canescens* var. *shastensis*. 1980- 1986.

SEMINARS AND PRESENTATIONS

2007. Botanical Art and Illustration. Botany Lunch, UC Berkeley. Berkeley, CA. 21 Sept 2007.

2007. Botanical Art and Illustration. CNPS Mendocino Chapter. Mendocino, CA. 19 May 2007.

2007. Sierra Nevada Scenes and Flora. Oakland Museum, Oakland, CA. 12 May 2007.

2007. A yankee botanist's search for native New Zealand bush: a botanical travelogue. Botany Lunch, UC Berkeley. Berkeley, CA. 23 Mar 2007.

2007. Botanical Art and Illustration. Arboretum Foundation. 8 Feb 2007.

2002. Sierra Nevada Plants, Wildflowers to trees. Summary of book project to three chapters of the California Native Plant Society and two chapters of the North American Rock Garden Society.

1995. Assembling a state flora: challenges of working on *The Jepson Manual: Higher Plants of California*. Annual Meeting, Oregon Native Plant Society.

1993. Botanical Illustration: History, applications and techniques. Santa Barbara Botanic Garden; Bay Leaf Chapter, California Native Plant Society; Friends of the Lopez Island Library.
1993. California *Arabis* (Brassicaceae). San Francisco Chapter, California Native Plant Society.
1992. The *Arabis blepharophylla* group of northwestern California and southwestern Oregon. Bay Leaf Chapter, California Native Plant Society.
1991. Natural barriers to hybridization in native rockcresses (*Arabis*). Bay Leaf Chapter, California Native Plant Society.
1990. Reproductive isolation, breeding systems, and species concepts in *Arabis* (rockcress; Brassicaceae). Biology Department, University of California at Chico.
1985. Hybridization and reproductive isolation between sympatric *Arabis* of Southwestern Oregon. Biology Department, University of Oregon.
1984. Reproductive isolating barriers between sympatric *Arabis* on Mt. Ashland, Oregon: a potential for hybridization. Annual Meeting of the Botanical Society of America, Ft. Collins, Colorado. (abstract)
1983. Reproductive isolation between sympatric *Arabis subpinnatifida* and *A. aculeolata* (Cruciferae) in southwestern Oregon. Annual Meeting of the Northwest Science Association, Olympia, Washington. (abstract)
1983. Reproductive isolation in *Arabis*. Emerald Chapter of the Native Plant Society of Oregon.

PUBLICATIONS

- Vorobik, L.A. 1981. Field season 1979 rare and endangered plant species report for Tongass National Forest, Ketchikan Area. Tongass National Forest, Ketchikan. 160 pp.
- _____. 1984. *Arabis* in southwestern Oregon I. The species. Native Plant Society of Oregon Bulletin 17(4): 14-15.
- _____. 1984. *Arabis* in southwestern Oregon II. *Arabis* and species concepts. Native Plant Society of Oregon Bulletin 17(6): 10-11.
- _____. 1984. *Arabis* in southwestern Oregon III. Hybridization and reproductive isolation. Native Plant Society of Oregon Bulletin 17(9): 8-11.
- _____. 1985. *Arabis* in southwestern Oregon IV. Keying species. Native Plant Society of Oregon Bulletin 18(2): 18-21.
- _____. 1985. Hybridization and reproductive isolation between sympatric *Arabis* (Cruciferae) in southwestern Oregon. Doctoral Dissertation, University of Oregon, Eugene. 245 pp.

_____. 1993. *Pedicularis* in *The Jepson Manual: Higher Plants of California*, J. Hickman, Ed. University of California Press. Berkeley, California.

Nesom, G.L. and L.A. Vorobik. 1988. *Hedyotis spellenbergii* (Rubiaceae), a new species from Chihuahua, Mexico. *Systematic Botany* 13: 432-434.

_____. 1989. A new species of *Glandularia* (Verbenaceae) from Tamaulipas, Mexico. *Sida* 13: 31-34.

_____. 1990. *Senecio mahindae* (Senecioneae: Asteraceae), a new species from Tamaulipas, Mexico. *Sida* 13: 17- 20.

Nesom, G.L., L.A. Vorobik, and R.L. Hartman. 1990. The identity of *Aster blepharophyllus* (Asteraceae: Astereae). *Systematic Botany* 15: 638-642.

MANUSCRIPTS IN PREPARATION

Vorobik, L.A. Floral visitors to *Arabis* (Brassicaceae) species of southwestern Oregon. *Madroño*.

_____. Reproductive biology of southwestern Oregon *Arabis* (Brassicaceae) species. *American Journal of Botany*.

_____. Hybridization and reproductive isolation between sympatric *Arabis* (Brassicaceae) species of southwestern Oregon. *Systematic Botany*.

_____. A revision of the *Arabis blepharophylla* group (Brassicaceae). *Brittonia*.

PROFESSIONAL SOCIETIES

American Society of Plant Taxonomists

American Society of Botanical Artists

California Botanical Society (life member)

Guild of Natural Science Illustrators

LAY SOCIETIES

Board Member: San Juan County Parks

Board Member: *Fremontia* Editorial Advisory Board

California Botanical Society (life member)

California Native Plant Society (life member)

Native Plant Society of Oregon

Washington Native Plant Society

Santa Barbara Botanic Garden

University of California Botanic Garden

Chimera Gallery (cooperative; treasurer for 10 years)

SELECTED PUBLICATIONS IN WHICH ILLUSTRATIONS APPEAR

(Asterisk indicates illustration of new taxon; these drawings are noted because creation of illustration is comparable to writing description of new taxon. Other illustration work includes much botanical expertise in selecting characters to be illustrated from descriptions and keys, frequently pulling resource specimens, finding and illustrating appropriate characters, and proofing text against specimens.)

Ayers, T.J. 1987. Four species from western Mexico new to *Lobelia* (Campanulaceae: Lobeliaceae). *Brittonia* 39: 417-422. *Lobelia villaregalis**, *L. knoblochii**, *L. mcvaughii**

Barrie, F. 1989. A systematic revision of the Central American groups of *Valeriana* (Valerianaceae). Ph.D. Dissertation, University of Texas at Austin. *Valeriana naidae**, *V. otomiana**, *V. tzotzilana**, *V. zapotecana**

Bishop, L.E. 1989. New species of *Ceradenia* subg. *Ceradenia*. *American Fern Journal* 79: 14-25. *Ceradenia dendrodoxa**, *C. comosa**, *C. praeclara**, *C. auroseiomena**, *C. phloiocharis**, *C. mirabilis**, *C. terrestris**, *C. moxoniana**

Bishop, L.E. and A.R. Smith. 1992. Revision of the fern genus *Enterosora* (Grammitidaceae) in the New World. *Systematic Botany* 17: 345-362. *Entorosora ecostata*, *E. campbellii* ssp. *campbellii*, *E. campbellii* ssp. *spongiosa*, *E. percrassa*, *E. trifurcata*, *E. insidiosa*, *E. asplenioides**, *E. gilipinae*

Constance L. and M.O. Dillon. 1990. A new peltate *Hydrocotyle* (Umbelliferae) from northern Peru. *Brittonia* 42: 257-259. *Hydrocotyle segasteguii**

Chuang, T.I. and L.R. Heckard. 1991. Generic realignment and synopsis of subtribe Castillejinae (Scrophulariaceae-Tribe Pedicularae). *Systematic Botany* 16: 644-666. (Representative flowers and calyces of the genera and subgenera)

_____. 1992. A taxonomic revision of *Orthocarpus* (Scrophulariaceae - Tribe Pedicularae). *Systematic Botany* 17: 560- 582. *Orthocarpus tolmiei* ssp. *tolmiei*, *O. tolmiei* ssp. *holmgreniorum*, *O. luteus*, *O. purpeo-albus*, *O. bracteosus*, *O. barbatus*, *O. cuspidatus* ssp. *cuspidatus*, *O. cuspidatus* ssp. *copelandii*, *O. pachystachys*, *O. tenuifolius*, *O. imbricatus*

_____. 1992. New species of bee-pollinated *Castilleja* from Peru, with a taxonomic revision of South American members of subg. *Colacus*. Systematic Botany 17: 417-413. *Castilleja alpicola**, *C. attenuata**, *C. cerroana**, *C. laciniata**, *C. profunda**, *C. peruviana**, *C. vadosa**

Duncan, T. and A. Sagastegui-Alva. 1990. A new species of *Ranunculus* (Ranunculaceae) from Peru. Brittonia 42: 182- 184. *Ranunculus lambayequensis**

Ertter, B.E. 1988. *Ivesia aperta* var. *canina* (Rosaceae), new from California. Brittonia 40: 398-399. *Ivesia aperta* var. *canina**

_____. 1989. Revisionary studies in *Ivesia* (Rosaceae: Potentillae). Systematic Botany 14: 231-244. *Ivesia longibracteata**, *I. shockleyi* var. *ostleri**, *I. rhypara* var. *shellyi**, *I. pityocharis**

_____. 1992. A re-evaluation of *Potentilla drummondii* and *P. breweri* (Rosaceae), with the new species *Potentilla morefieldii*. Brittonia 44: 429-435. *Potentilla morefieldii**

_____. 1993. A reevaluation of the *Horkelia bolanderi* (Rosaceae) complex, with the new species *Horkelia yadonii*. Systematic Botany 18: 137-144. *Horkelia yadonii**

Gifford, E.M. and A.S. Foster. 1988. *Morphology and evolution of vascular plants*. Third Edition. W.H. Freeman and Co. New York. 626 pp. (80 illustrations by Vorobik)

Grant, V.A. and D.H. Wilken. 1986. Taxonomy of the *Ipomopsis aggregata* group (Polemoniaceae). Bot. Gaz. 147: 359-371. *Ipomopsis aggregata* including all subspecies, *I. arizonica*, *I. tenuituba*

Grimes, R.J. 1990. A revision of the new world species of Psoraleeae (Leguminosae: Papilionoideae). Memoirs of the New York Botanical Garden 61. 113pp. *Otholobium diffidens**, *O. brachystachyum*, *Orbexilum onobrychis*, *Rupertia physodes*, *Hoita macrostachya*, *Pedimelum esculentum*

Hardham, C.B. and J.A. Bartel. (In press). *Monardella stebbinsii* (Lamiaceae), a new serpentine endemic species from the northern Sierra Nevada, Plumas Co., California. Madroño. *Monardella stebbinsii**

Hart, J.A. and R.A. Price. 1990. The genera of Cupressaceae and Taxodiaceae in the United States. Journal of the Arnold Arboretum 71: 275-322. *Juniperus virginiana*, *J. communis*

Hickman, J.C., editor. 1993. *Jepson Manual: Higher Plants of California*. University of California Press. Berkeley. 1420pp; 242 illustration plates. (Vorobik: illustrations for introductory chapters plus for treatments of 32 families totalling approximately 60 plates).

Jokerst, J.D. (in press) *Pogogyne floribunda* (Lamiaceae), a new species from the great basin in northwestern California. Madroño. *Pogogyne floribunda**

Lavin, M. 1988. Systematics of *Coursetia* (Leguminosae- Papilionoideae). Systematic Botany Monographs 21. 167 pp. *Coursetia caribaea* var. *trifoliolata*, *C. andina**, *C. heteranthera*, *C. intermontana**

Meinke, R.J. 1982. *Threatened and endangered vascular plants of Oregon: an illustrated guide*. U.S.D.I. Fish and Wildlife Service. Portland, OR. *Erigeron decumbens* var. *decumbens* (frontispiece), *Agastache cusickii*, *Agrostis microphylla*, *Arabis koehleri* var. *koehleri*, *A. serpentinicola*, *A. suffrutescens* var. *horizontalis*, *Aster vialis*, *Botrychium pumicola*, *Calochortus longebarbatus* var. *peckii*, *Castilleja grandulifera*, *C. steenensis*, *Collomia mazama*, *Cordylanthus maritimus* ssp. *palustris*, *Draba lemmonii* var. *cyclomorpha*, *Erigeron delicatus*, *Eriogonum chrysops*, *Eriogonum pendulum*, *Haplopappus racemosa* ssp. *congestus*, *H. radiatus*, *Horkelia hendersonii*, *Lathyrus holochlorus*, *Lomatium nelsonii*, *Lupinus aridus* ssp. *ashlandensis*, *L. biddlei*, *L. cusickii* ssp. *abortivus*, *L. tracyi*, *Phacelia argentea*, *Poa piperi*, *Sedum moranii*, *Sophora leachiana*, *Thelypodium howellii* ssp. *spectabilis*

_____. 1983. *Mimulus hymenophyllus* (Scrophulariaceae), a new species from the Snake River Canyon of eastern Oregon. *Madroño* 30: 148. *Mimulus hymenophyllus**

Nesom, G.L. & M.H. Mayfield. 1995. A new species of *Dirca* (Thymelaeaceae) from the Sierra of northeastern Mexico. *Sida* 16(3): 459-467. *Dirca mexicana**

Nesom, G.L. and L.A. Vorobik. 1988. *Hedyotis spellenbergii* (Rubiaceae), a new species from Chihuahua, Mexico. *Systematic Botany* 13: 432-434. *Hedyotis spellenbergii**

_____. 1989. A new species of *Glandularia* (Verbenaceae) from Tamaulipas, Mexico. *Sida* 13: 31-34. *Glandularia brachyrhynchos*

_____. 1990. *Senecio mahindae* (Senecioneae: Asteraceae), a new species from Tamaulipas, Mexico. *Sida* 13: 17-20. *Senecio mahindae**

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Olmstead, R.G. 1990. Systematics of the *Scutellaria angustifolia* complex (Labiatae). *Contributions from the University of Michigan Herbarium* 17: 223-265. *Scutellaria angustifolia* ssp. *angustifolia*, *S. antirrhinoides*, *S. bolanderi* ssp. *bolanderi*, *S. brittonii*, *S. angustifolia* ssp. *micrantha**, *S. californica*, *S. nana*, *S. sapphirina*, *S. siphocampyloides*, *S. tuberosa*

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