

Neil Snow

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Montana Natural Heritage Program
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ADJUNCT APPOINTMENTS

Missouri Botanical Garden (Associate Researcher; 1999-present)
University of Hawaii-Manoa (Affiliate Graduate Faculty; 2010-2011)
Au Sable Institute of Environmental Studies (2006)

EDUCATION

- 1997 Ph.D. (Population and Evolutionary Biology); Washington University in St. Louis
Dissertation: "*Phylogeny and Systematics of Leptochloa P. Beauv. sensu lato (Poaceae: Chloridoideae)*". Advisor: Dr. Peter H. Raven.
- 1992 Organization for Tropical Studies (Costa Rica; Tropical biodiversity and conservation)
- 1989 M.S. (Botany); University of Wyoming. Thesis: "*Floristics of the Headwaters Region of the Yellowstone River, Wyoming*". Advisor: Dr. Ronald L. Hartman
- 1985 B.S. (Botany); Colorado State University. Advisor: Dr. Dieter H. Wilken

ADDITIONAL TRAINING

- 2005 Certified in Basic Wetland Delineation (Wetlands Training Institute; Glenwood, NM)
- 2005 California Environmental Quality Act Training (UC Davis, CA)
- 1990 Dale Carnegie: Effective Communications and Human Relations (St. Louis, MO)

PREVIOUS POSITIONS

2008-2011: Botanist, Bishop Museum, Honolulu (basic taxonomic research, specimen identification, interactive key development, rare species reports, herbarium curation)

2004-December 2007: Associate Professor of Biology and Botany, Curator of the Herbarium; School of Biological Sciences, University of Northern Colorado

1998-2003: Assistant Professor of Biology and Botany, Curator of the Herbarium; Department of Biological Sciences, University of Northern Colorado

2005 (5 months during sabbatical year). Project Manager and Senior Ecologist, H. T. Harvey & Associates, Fresno, California.

1997-1999: Senior Botanist, Queensland Herbarium, Brisbane, Australia

1990-1997: Doctoral student, Washington University in St. Louis; Missouri Botanical Garden

OTHER WORK EXPERIENCE

2008-2011: Book review editor, *Systematic Botany*

2002-present: interactive key development using Lucid

1981-2011: Plant collections (10,050 numbers across 21 states, 10 countries and 4 continents)

2001-present: DNA sequence analysis (ITS-1,-2 regions) of myrtle family (Myrtaceae).

1997-present: Monographic and revisionary studies of Myrtaceae

1990-1992: Chloroplast DNA rflp analysis. (Schaal lab; Washington University in St. Louis)

1990: Teaching assistant (general biology; Washington University in St. Louis)

1989: Chloroplast rflp; isozyme analysis (Brown lab; University of Wyoming)

1987-1989: Teaching Assistant (general biology, plant systematics; University of Wyoming)

1987-1989: Floristics research: Wyoming and Colorado (MS thesis; 6,000 collections)

1985-1986: Teaching Assistant (general biology; University of Texas-Austin)
1984: (May-August) Denver Botanical Garden internship (Denver, Colorado)
1982: (May-August) Bureau of Land Management (Montana)

RESEARCH INTERESTS

Systematics of vascular plants (Myrtaceae, Poaceae); herbarium management; Flora of North America; evolutionary biology; interactive keys; history of biology and science.

FACULTY TEACHING EXPERIENCE (University of Northern Colorado, 1998-2007)

Undergraduate: Evolution (13 semesters; senior level); Plant taxonomy (8; junior level); Introductory Biology for majors (Plants/Fungi/Algae/Bacteria) (5); Introductory Biology labs (6 sections); Anatomy and Morphogenesis of Plants (3; senior level); Field Botany (1 [Au Sable Institute]); Life of the Mind (1; freshman first semester)

Graduate: Species and Speciation (2 semesters); Evolutionary Plant Ecophysiology (1); Consilience – The Unification of Knowledge (1); several miscellaneous readings courses and numerous independent studies taught once.

RESEARCH AND FACILITIES SUPPORT

Snow, N., S. James, N. Harbottle, T. Ranker, D. Lorence. 2010. "Collaborative Research: Consortium of Pacific Herbaria – A Research and Collections Network for Oceania". National Science Foundation. (\$1,401,000; \$691,000 to Bishop Museum).

James, S. A., A. Allison, N. Snow. 2010-2012. "Discovery and Description of Papua New Guinea's Megadiverse Flora". National Science Foundation (\$600,000).

Snow, N. 2007. Short-Term Visitor Grant (\$1950), National Museum of Natural History, Smithsonian Institution.

Snow, N. 2005. Summer Faculty Research Fellow, UNC (\$4500): "Systematics of *Eugenia* (Myrtaceae) from Madagascar".

Snow, N. (co-PI), with P. M. Simmons (PI; Colorado State U.), R. Hartman (U. of Wyoming), T. Ranker and R. Guralnick (U. of Colorado). 2003. National Science Foundation (\$450,000). Collaborative Research: Linked Databases and an Interactive Key for the Vascular Flora of the Southern Rocky Mountain Region (RUI). (\$101,000 to UNC)

Snow, N. 2003. National Geographic Society (\$15,000). "Systematic Revisions of Ten Genera of Myrtaceae for the *Flore de la Nouvelle-Calédonie*".

Snow, N. 2002. Faculty and Research Publications Board, UNC (\$2,500). "Systematic Revisions of Seven Genera of the Myrtle Family (Myrtaceae) in New Caledonia".

Snow, N. 2001. Summer Faculty Research Fellow, UNC (\$4500): "Taxonomic studies in *Eugenia*, sections *Stenocalyx* and *Phyllocalyx* (Myrtaceae)".

Snow, N. 2000. Summer Faculty Research Fellow, UNC (\$4500): "New and endangered plant species from Australia and New Caledonia".

Moore, J., N. Snow. 2000. National Park Service, (\$65,000): "Ecosystem impacts resulting from the use of herbicides at Rocky Mountain National Park, Colorado".

Snow, N. 1999 Faculty and Research Publications Board, UNC (\$2500) "Molecular Phylogeny of *Eugenia* (Myrtaceae)".

Snow, N. 1995. National Geographic Society (\$18,417): "Systematics and conservation of sprangletop grasses (*Leptochloa*)"

Snow, N. 1992. American Society of Plant Taxonomists (\$500)

Snow, N. 1992. Organization for Tropical Studies (\$500)

Snow, N. 1992 and 1989. Sigma Xi (\$1000 both years)

Snow, N. 1990. Explorer's Club (\$750)

Snow, N. 1989. Short-Term Visitor Grant, Smithsonian Institution (\$2000)

HONORS AND AWARDS

College Scholar Award, College of Arts & Sciences, Univ. Northern Colorado, 2002
Outstanding Graduate Teaching Assistant, Univ. of Wyoming, 1988
Phi Kappa Phi Honor Society, Univ. of Wyoming, 1988
Young Botanist Recognition Award, Botanical Society of America, 1985
Outstanding Foreign Language Student (Spanish), Chief Sealth High School (Seattle), 1978
Eagle Scout (Boy Scouts of America), 1974

BOOK

Clayton, W. D., N. Snow. 2010. *A Key to Pacific Grasses*. Royal Botanical Gardens, Kew. 107 pp.

PEER-REVIEWED PUBLICATIONS (student authors with asterisks)

- (104) Snow, N. Accepted. *Leptochloa* P. Beauv. In: *Flora de la Argentina*, F. Zuloaga (ed.).
- (103) Snow, N. New species of *Rhodamnia* from New Guinea. *Harvard Papers in Botany*.
- (102) Snow, N. 2011. A new name in *Asplenium* (Aspleniaceae) from Hawaii. *Harvard Papers in Botany* (in press).
- (101) Snow, N., J. Rabenantoandro, F. Randriatifika, D. Rabehevitra, N. D. Razafimamonjy, S. Cable. 2011. Studies of Malagasy *Eugenia* (Myrtaceae) – III: Seven new species of high conservation concern from the eastern littoral forests. *Phytotaxa*
- (100) Snow, N. 2011. Studies of Malagasy *Eugenia* (Myrtaceae) – II: Four new species, including one eaten by black lemurs on Nosy Be. *Systematic Botany* 36(3): In press.
- (99) Snow, N., G. Davidse. 2011. Notes on grasses (Poaceae) in Hawai'i: 3. *Bishop Museum Occasional Papers* 110: 17-22.
- (98) Snow, N., T. A. Ranker, D. H. Lorence. 2011. Taxonomic changes in Hawaiian ferns and lycophytes. *Bishop Museum Occasional Papers* 110: 11-16.
- (97) Snow, N., J. McFadden*, T. Evans, A. Salywon, M. F. Wojciechowski, P. G. Wilson. 2011. Morphological and molecular evidence of polyphyly in *Rhodomyrtus* (Myrtaceae: Myrteae). *Systematic Botany* 36(2): in press.
- (96) Snow, N., J. F. Veldkamp. 2010. Miscellaneous taxonomic and nomenclatural notes for Myrtaceae. *Austrobaileya* 8: 177-186
- (95) Pérez C., J. L., N. Snow, E. Sánchez G. 2010. Comentario sobre el género *Leptochloa* P. Beauv. (Poaceae, Eragrostideae), en Extremadura y Andalucía (España). *Acta Botanica Malacitana* 35: 169-172.
- (94) Snow, N., L. A. Craven. 2010. Five new species of *Syzygium* (Myrtaceae) from New Guinea. *Harvard Papers in Botany* 15: 123-136.
- (93) Snow, N. 2010. *Schedonnardus* Stued. p. 212-213, In: *Grasses in the Intermountain Region*. Utah State University Press.
- (92) Snow, N. 2010. *Leptochloa* P. Beauv. Pp. 182-184, In: *Grasses in the Intermountain Region*. Utah State University Press.
- (91) Snow, N., A. Lau. 2010. Notes on grasses (Poaceae) in Hawai'i: 2. *Bishop Museum Occasional Papers* 107: 46-60.

- (90) Snow, N. 2010. Studies of Malagasy *Syzygium* (Myrtaceae) – Two new species with small leaves and winged branchlets. *Harvard Papers in Botany* 15(1): 85-91.
- (89) Snow, N., P. G. Wilson. 2010. New species of *Eugenia* and *Gossia* (Myrtaceae: Myrteae) from Papua New Guinea. *Telopea* 12(4): 453-461.
- (88) Snow, N., *J. Cantley. 2010. A new species of *Uromyrtus* and *Rhodomyrtus* (Myrtaceae: Myrteae) from Kamiali Wildlife Management Area, Papua New Guinea, with an updated key to *Rhodomyrtus*. *Harvard Papers in Botany* 15(1): 63-70.
- (87) Snow, N., W. Takeuchi. 2009. New species of *Rhodamnia* and *Xanthomyrtus* (Myrtaceae) from the Kamiali Wildlife Management Area, Papua New Guinea. *Harvard Papers in Botany* 14: 137-143.
- (86) Snow, N. 2009. Additional family acronyms for vascular plants. *Journal of the Botanical Research Institute of Texas* 3 (2): 993.
- (85) Snow, N. In review. *Kanakomyrtus* N. Snow, *In: Flore de la Nouvelle-Calédonie*. Vol. 23. Myrtaceae, Myrtoideae III.
- (84) Snow, N. In review. *Xanthomyrtus* Diels, *In: Flore de la Nouvelle-Calédonie*. Vol. 23. Myrtaceae, Myrtoideae III.
- (83) Snow, N. In review. *Rhodomyrtus* (DC.) Rchb., *In: Flore de la Nouvelle-Calédonie*. Vol. 23. Myrtaceae, Myrtoideae III.
- (82) Snow, N. In review. *Rhodamnia* Jack, *In: Flore de la Nouvelle-Calédonie*. Vol. 23. Myrtaceae, Myrtoideae III.
- (81) Snow, N. In review. *Gossia* N. Snow & Guymer, *In: Flore de la Nouvelle-Calédonie*. Vol. 23. Myrtaceae, Myrtoideae III.
- (80) Snow, N. In review. *Uromyrtus* Burret, *In: Flore de la Nouvelle-Calédonie*. Vol. 23. Myrtaceae, Myrtoideae III.
- (79) Snow, N. In review. *Archirhodomyrtus* Burret, *In: Flore de la Nouvelle-Calédonie*. Vol. 23. Myrtaceae, Myrtoideae III.
- (78) Snow, N. In review. *Myrtastrum* Burret, *In: Flore de la Nouvelle-Calédonie*. Vol. 23. Myrtaceae, Myrtoideae III.
- (77) Snow, N. 2009 Twenty-eight new three-letter family acronyms for vascular plants (with comprehensive listings on-line). *Journal of the Botanical Research Institute of Texas* 3: 273-277.
- (76) Snow, N. 2009. *Kanakomyrtus* (Myrtaceae): A new endemic genus from New Caledonia with linear stigma lobes and baccate fruits. *Systematic Botany* 34: 330-344.
- (75) Smith, P. S., D. Hazlett, N. Snow. 2009. New state records of vascular plants for the Southern Rocky Mountain Region. *Journal Botanical Research Institute of Texas* 3: 317-318.
- (74) Snow, N., P. M. Peterson, D. Geraldo-Cañas. 2008. *Leptochloa* (Poaceae: Chloridoideae) in Colombia. *Journal of the Botanical Research Institute of Texas* 2: 861-874.

- (73) Schiebout*, M. H., D. Hazlett, N. Snow. 2008. A floristic survey of vascular plants over parts of northeastern New Mexico. *Journal of the Botanical Research Institute of Texas* 2 (2): 1407-1447.
- (72) Snow, N., J. McFadden*, J. P. Atwood*. 2008. Three new species of *Rhodomyrtus* (Myrtaceae) from Papua New Guinea. *Austrobaileya* 7: 691-706.
- (71) Snow, N. 2008. Notes on grasses (Poaceae) in Hawai'i. Bishop Museum Occasional Papers 100: 38-43.
- (70) Snow, N. 2008. Studies of Malagasy *Eugenia* (Myrtaceae) - I: Two new species from the Masoala Peninsula and generic transfers from *Monimiastrum*. *Systematic Botany* 33: 343-348.
- (69) Snow, N. 2007. *Briza* L. Pp. 143-144, *in*: Manual of Grasses for North America. Logan: Utah State University Press.
- (68) Snow, N. 2007. *Leptochloa* P. Beauv., Pp. 198-200, *in*: Manual of Grasses for North America. Logan: Utah State University Press.
- (67) Snow, N. 2007. *Limnodea* Pp. 180, *in*: Manual of Grasses for North America. Logan: Utah State University Press.
- (66) Snow, N. 2007. *Schedonnardus*., Pp. 237-238, *in*: Manual of Grasses for North America. Logan: Utah State University Press.
- (65) Snow, N. 2007. *Buchloë* Engelm. P. 246, *in*: Manual of Grasses for North America. Logan: Utah State University Press.
- (64) Snow, N. 2007. A new combination in *Elymus* (Poaceae, Triticeae). *Phytologia* 89: 223-224.
- (63) Snow, N. 2007. *Limnodea* L. H. Dewey. P. 75. Flora of North America, Vol. 24. Oxford Univ. Press.
- (62) Snow, N. 2007. *Briza* L. Pp. 612-614. Flora of North America, Vol. 24., Oxford Univ. Press.
- (61) Snow, N. 2007. Systematics of the Australian species of *Rhodamnia* (Myrtaceae). *Systematic Botany Monographs* 82: 1-69.
- (60) Snow, N. 2006. New species of *Gossia* N. Snow & Guymer and *Rhodomyrtus* (DC.) Hassk. (Myrtaceae) from Papua New Guinea. *Austrobaileya* 7: 325-340.
- (59) Pritekel*, C., A. Whittemore-Olson*, N. Snow, J. C. Moore. 2006. Impacts from invasive plant species and their control on the plant community and belowground ecosystem at Rocky Mountain National Park, USA. *Applied Soil Ecology* 32: 132-141.
- (58) Snow, N. 2005. Successfully curating smaller herbaria and natural history collections in academic settings. *BioScience* 55: 771-779.
- (57) Snow, N. 2005. A new combination in *Boechera* (Brassicaceae) for the Rocky Mountain Region. *Madroño* 52: 62.
- (56) Snow, N. 2005. Five new combinations of *Gossia* in the Myrtle Family (Myrtaceae) from Australasia. *Novon* 15: 477-478.

- (55) Snow, N., J. W. Brasher*, R. Wallace*, J. Grasser*, W. F. Jennings. 2004. Noteworthy collections: Colorado. *Madroño* 51 (3) 331-332.
- (54) Brasher*, J. W., N. Snow. 2004. Further update to Weber's 3-letter family acronym system. *Taxon* 53 (3): 1-3 (electronic version).
<http://caliban.ingentaselect.com/vl=1636204/cl=16/nw=1/fm=docpdf/rpsv/cw/iapt/00400262/v53n3/s46/p11> (Evidently now defunct)
- (53) Snow, N. 2004. A first report of *Leptochloa panicea* subsp. *brachiata* (Poaceae) from Western Australia. *Nuytsia* 15: 169-170.
- (52) Snow, N., B. Holst. *Eugenia* L. In: *Catálogo de las Plantas Vasculares de Bolivia* (Missouri Botanical Garden). (Accepted: publication 2011 or later).
- (51) Snow, N. 2004. Systematics of *Pilidiostigma* (Myrtaceae). *Systematic Botany* 29: 393-406.
- (50) Snow, N. In Review. *Rhodamnia*, Flora of Australia, Vol. 20.
- (49) Snow, N. In Review. *Gossia*, Flora of Australia, Vol. 20.
- (48) Snow, N. In Review. *Decaspermum*, Flora of Australia, Vol. 20.
- (47) Snow, N. In Review. *Pilidiostigma* Burret, Flora of Australia, Vol. 20.
- (46) Snow, N. In Review. *Lenwebbia* N. Snow & Guymer, Flora of Australia, Vol. 20.
- (45) Snow, N. In Review. *Archirhodomyrtus* Burret, Flora of Australia, Vol. 20.
- (44) Snow, N. In Review. *Psidium* L., Flora of Australia, Vol. 20.
- (43) Snow, N. In Review. *Austromyrtus* (Nied.) Burret, Flora of Australia, Vol. 20.
- (42) Snow, N. In Review. *Rhodomyrtus* (DC.) Rchb., Flora of Australia, Vol. 20.
- (41) Snow, N. In Review. *Uromyrtus* Burret, Flora of Australia, Vol. 20.
- (40) Snow, N. In Review. *Lithomyrtus* F. Mueller, Flora of Australia, Vol. 20.
- (39) Snow, N. 2003. *Schedonnardus* Steud. Flora of North America. Vol. 25: 228-230.
- (38) Snow, N. 2003. *Buchloë* Engelm. Flora of North America, Vol. 25: 270-271, Oxford Univ. Press.
- (37) Snow, N. 2003. *Leptochloa* P. Beauv. Flora of North America. Vol. 25: 51-60, Oxford Univ. Press.
- (36) Snow, N., G. P. Guymer, G. Sawvel*. 2003. Systematics of *Austromyrtus*, *Lenwebbia*, and the Australian species of *Gossia* (Myrtaceae). *Systematic Botany Monographs* 65: 1-95.
- (35) Peterson, P. M., N. Snow. 2001. *Leptochloa* P. Beauv., Pp. 130-137, In: Catalogue of New World Grasses (Poaceae): II. Subfamily Chloridoideae. Contributions from the U. S. National Herbarium Vol. 41.
- (34) Snow, N., G. P. Guymer. 2001. Revision of Australian species of *Uromyrtus* (Myrtaceae) and two new combinations from New Caledonia. *Systematic Botany* 26(4): 733-742.

- (33) Snow, N., G. P. Guymer. 2001. A new species of *Decaspermum* (Myrtaceae) from northeastern Queensland. *Novon*: 11: 475-478.
- (32) Snow, N., A. J. Ford, B. Koblitz*. 2001. *Rhodamnia longisepala* (Myrtaceae): An endangered species from northeastern Queensland, Australia. *Novon*: 11: 479-483.
- (31) Snow, N. 2000. A conspectus of Australasian Myrtinae (Myrtaceae). *Kew Bulletin* 55: 647-654.
- (30) Nic Lughadha, E., N. Snow. 2000. Biology and Evolution of the Myrtaceae: A Symposium. *Kew Bulletin* 55: 591-592.
- (29) Snow, N. 2000. A new *Leptochloa* (Poaceae: Chloridoideae) from Papua New Guinea and the Torres Strait Islands of Australia. *Novon* 10: 238-241.
- (28) Snow, N. 2000. *Festuca reptatrix* L., Pp. 250-251, *In*: Typification of Linnaean plant names in the Poaceae (Gramineae), S. Cafferty, C. E. Jarvis, N. J. Turland (eds.). *Taxon* 49: 239-260.
- (27) Snow, N., N. Holton*. 2000. Additions to Weber's three-letter family acronyms based on results of the Angiosperm Phylogeny Group. *Taxon* 49: 77-78.
- (26) Snow, N., G. P. Guymer. 1999. Systematic and cladistic studies of *Myrtella* F. Muell. and *Lithomyrtus* F. Muell. (Myrtaceae). *Austrobaileya* 5(2): 173-208.
- (25) Snow, N. 1999. Notes on generic concepts in *Rhodomyrtus*, *Archirhodomyrtus*, *Decaspermum*, and *Pilidiostigma*. *Australian Systematic Botany Society Newsletter* 99: 5-7.
- (24) Snow, N., G. P. Guymer. 1999. *Rhodamnia angustifolia* (Myrtaceae), a new and endangered species from southeastern Queensland. *Austrobaileya* 5(3): 421-426.
- (23) Snow, N., B. K. Simon. 1999. Australian distribution of the weedy neotropical grass *Leptochloa fusca* subsp. *uninervia*, with an updated key to Australian *Leptochloa* (Poaceae). *Austrobaileya* 5 (2): 299-305.
- (22) Snow, N., P. L. Keating. 1999. The relevance of specimen citations to conservation. *Conservation Biology* 13: 943-944.
- (21) Snow, N. 1998. Caryopsis morphology of *Leptochloa* (Poaceae, Chloridoideae). *Sida* 18: 271-282.
- (20) Snow, N. 1998. Nomenclatural changes in *Leptochloa* P. Beauvois sensu lato (Poaceae: Chloridoideae). *Novon* 8: 77-80.
- (19) Snow, N. 1998. A new species of *Leptochloa* (Poaceae, Chloridoideae) from Sri Lanka. *Novon* 8: 183-186.
- (18) Snow, N., G. Davidse. 1998. Proposal to reject the name *Poa malabarica* (Gramineae). *Taxon* 47: 157-159.
- (17) Snow, N., B. K. Simon. 1997. *Leptochloa southwoodii* (Poaceae: Chloridoideae), a new species from south-east Queensland. *Austrobaileya* 5: 137-143.
- (16) Snow, N. 1997. Application of the phylogenetic species concept: a botanical monographic perspective. *Austrobaileya* 5: 1-8.

- (15) Snow, N., J. M. Beiswenger. 1997. Biodiversity and human ecology: analysis and resolution of fictitious conflict. *American Biology Teacher* 59: 344-348.
- (14) Snow, N., 1996. The phylogenetic utility of lemmatal micromorphology in *Leptochloa* and related genera in subtribe Eleusininae (Poaceae, Chloridoideae, Eragrostideae). *Annals of the Missouri Botanical Garden* 83: 504-529.
- (13) Snow, N. 1996. The phylogenetic paradigm of comparative biology – a response to Hedberg. *Taxon* 45: 85-90.
- (12) Snow, N. 1994. The vascular flora of southeastern Yellowstone National Park and the headwaters region of the Yellowstone River, Wyoming. *Wassman Journal of Biology* 50-51: 52-95.
- (11) Snow, N., J. M. MacDougal. 1993. New chromosome reports in *Passiflora* (Passifloraceae). *Systematic Botany* 18: 261-274.
- (10) Snow, N., G. E. Crow. 1993. Primera documentación de *Leptochloa panicoides* (Presl) Hitchc. en Costa Rica. *Brenesia* 39-40: 189-190.
- (9) Snow, N., G. Davidse. 1993. *Leptochloa mucronata* (Michx.) Kunth is the correct name for *L. filiformis* (Poaceae). *Taxon* 42: 413-417.
- (8) Snow, N., 1993. Environmental Issues: Tropical Deforestation. Pp. 17-21, *In*: J. M. Beiswenger & D. P. Bagby, *Fundamentals of Biology: Laboratory Manual*. Burgess Publishing, Edina (MN).
- (7) Snow, N., P. Goldblatt. 1992. Chromosome number in *Ticodendron* (Fagales, Ticodendraceae). *Annals of the Missouri Botanical Garden* 79: 906-907.
- (6) Snow, N., P. M. Peterson. 1991. Noteworthy collections, Nevada: *Leptochloa filiformis*. *Madroño* 39: 158-159.
- (5) Snow, N., M. G. Lelong. 1991. A first report of *Leptochloa scabra* in Alabama. *Sida* 14: 615-616.
- (4) Goldblatt, P., N. Snow. 1991. Chromosome cytology and systematics of *Eleutherine* Herbert (Iridaceae). *Annals of the Missouri Botanical Garden* 78: 942-949.
- (3) Snow, N., B. E. Nelson, R. L. Hartman. 1990. Additions to the vascular flora of Yellowstone National Park. *Madroño* 37: 214-216.
- (2) Snow, N. 1990. The distribution of *Frankenia jamesii* Torr. ex Gray (Frankeniaceae) in the Great Plains. *The Prairie Naturalist* 22: 211-214.
- (1) Snow, N. 1990. Noteworthy collections, Wyoming: *Chloris verticillata*. *Madroño* 37: 140.

ON-LINE PUBLICATIONS / RESOURCES (student authors with asterisks)

Snow, N. 2009. Three-letter family acronyms for vascular plants.

<http://www.conps.org/pdf/Plant%20Keys/ACROS.pdf>

Snow, N. 2009. Checklist of Vascular Plants of the Southern Rocky Mountain Region (Version 3). 316 pp. [http://www.conps.org/pdf/Plant%20Lists/SRMRChecklist_20090_Version3_Final%20\(2\).pdf](http://www.conps.org/pdf/Plant%20Lists/SRMRChecklist_20090_Version3_Final%20(2).pdf)

- Snow, N., N. Rakotonorina. December 2007. *Eugenia* (Myrtaceae) for Madagascar Catalog (eFlora): http://efloras.org/florataxon.aspx?flora_id=12&taxon_id=112307
- Snow, N. October 2007. Checklist of Vascular Plants of the Southern Rocky Mountain Region (Version 2). 306 pp. (Replaced by Snow 2009, above)
[http://www.conps.org/pdf/Plant%20Lists/SRMRChecllist_2007_Version2_Final%20\(2\).pdf](http://www.conps.org/pdf/Plant%20Lists/SRMRChecllist_2007_Version2_Final%20(2).pdf)
- Snow, N. Sept. 2007. Checklist of Vascular Plants of the Southern Rocky Mountain Region (Version 1). 306 pp. (Defunct: Replaced by Version 2 [see previous line, above])
- Sawvel*, R., N. Snow, G. P. Guymer, G. Sawvel*. 2005. An on-line Lucid key to the Australian species of *Gossia* (Myrtaceae).
http://asstudents.unco.edu/students/Lucid_Myrtaceae/GossiaAustraliaRev.htm)
- Brasher*, J. W., N. Snow. 2004. An on-line compilation: Weber's system of three-letter plant family acronyms. (<http://www.unco.edu/nhs/biology/herbarium/acronyms>). University of Northern Colorado. Greeley, CO.
- Brasher*, J. W., N. Snow. 2003. Southern Rocky Mountain Interactive Flora (SRMIF). Phase 1: Key to Families. University of Northern Colorado. (<http://asstudents.unco.edu/students/lucid/>).
- Simmons, M., N. Snow, R. Hartman, T. Ranker, R. Guralnick. 2004 and onwards. Vascular Flora of the Southern Rocky Mountain Region. <http://www.southernrockiesflora.org/index.php> [site now defunct]
- Snow, N., J. W. Brasher*. 2004. A Provisional checklist of the Vascular Plants for the Southern Rocky Mountain Interactive Flora. 314 pp. University of Northern Colorado. (Defunct: replaced by Snow 2007 [see above, this section])
- Snow, N. 2001-2007. The University of Northern Colorado Herbarium.
<http://www.unco.edu/nhs/biology/environment/herbarium/>

ADDITIONAL ARTICLES IN PREPARATION

- Snow, N., P. M. Peterson. Monograph of *Leptochloa* P. Beauv. (Poaceae: Chloridoideae). For: *Smithsonian Contributions to Botany*
- N. Snow, J. F. Smith, E. Biffin, A. Salywon, P. F. Wilson. A preliminary phylogeny of *Eugenia* (Myrtaceae: Myrteae) based on structural pairing, paired-sites models using ITS sequence data.

BOOK AND SOFTWARE REVIEWS

- Snow, N. 2011. *The Kew Plant Glossary: An Illustrated Dictionary of Plant Terms*. *Systematic Botany* 36: 253.
- Snow, N. 2010. *Flora of North America, Volume 7, Salicaceae to Brassicaceae*. Flora of North America Editorial Committee. *Plant Science Bulletin* Fall 2010: 143-144.
- Snow, N. 2010. *Flora Mesoamericana Volumen 4, Parte 1, Cucurbitaceae a Polemoniaceae*. *Systematic Botany* 35(4): In press.
- Snow, N. 2010. *Palms of Southern Asia*. Andrew Henderson. Princeton University Press. *Systematic Botany* 35: 220.

- Snow, N. 2009. *Catálogo de las Plantas Vasculares de Cono Sur (Argentina, Sur de Brasil, Chile, Paraguay y Uruguay)*, F. O. Zuloaga et al. (eds). *Systematic Botany* 34: 610-611.
- Snow, N. 2009. *Grasses of Colorado*. Robert J. Shaw. University Press of Colorado. *Systematic Botany* 34: 439-440.
- Snow, N. 2003. AusGrass: A model for the efficient dissemination of taxonomic data. *Taxon* 52: 398-400.
- Snow, N. 2000. *Plant Systematics: A Phylogenetic Approach*. Judd, W. S., C. S. Campbell, E. A. Kellogg, P. F. Stevens. 1999. Sunderland, Massachusetts: Sinauer Associates, Sunderland, Massachusetts. xvi + 464 pp., with CD-ROM. ISBN 0-87893-404-9. *Sida* 19: 227-232.
- Snow, N. 1999. Australian Tropical Rain Forest Trees and Shrubs, Second Edition, by B.P.M. Hyland, T. Whiffin, D.C. Christophel, B. Gray, R. W. Elick, A.J. Ford. 1999. CD-ROM plus User Guide. Collinwood, Victoria: CSIRO Publishing. *Systematic Botany* 24: 498-499.
- Snow, N., D. Sharp. 1999. LucID™ Professional for Windows: Contemporary Identification Tools, CPITT (Centre for Pest Information Technology and Transfer, The University of Queensland). 1999. CD-ROM plus Instruction Manual. 121 pp. illustr. ISBN 0-643-06415-X. Collingwood, Victoria: CSIRO Publishing. *Systematic Biology* 48: 828-830.
- Snow, N. 1997. *Colorado Flora: Eastern Slope* (Revised Ed.) and *Colorado Flora: Western Slope* (Revised Ed.), by William A. Weber and Ronald C. Wittman. *Sida* 17: 529-531.
- Snow, N. 1996. Review: Grasses of the Trans-Pecos and adjacent areas, by A. Michael Powell. *Madroño* 43: 442-443.

NON-TECHNICAL PUBLICATIONS

- Snow, N., S. L. O'Kane, Jr. 2008. New plant species in Colorado and a call to action. *Aquilegia* 32: 4-5.
- Snow, N. 2008. Botanists discover 2 new plant species. Special to: *The Durango Herald* (March 6, 2008) Durango, Colorado.
- Snow, N. 2008. Updated generic keys for Poaceae for the Southern Rocky Mountain Region. 3. *Festuca*. *Aquilegia* 32 (2): 1-3.
- Snow, N. 2008. Updated generic keys for Poaceae for the Southern Rocky Mountain Region. 2. *Poa*. *Aquilegia* 32 (1): 1-3.
- Snow, N. 2007. Updated generic keys for Poaceae for the Southern Rocky Mountain Region. 1. *Bromus* L. *Aquilegia* 31: 1-4.
- Snow, N. 2006. Review of new plant taxonomy textbooks. *Aquilegia* 30: 4.
- Snow, N. 2004. The Vascular Flora of the Southern Rocky Mountain Region. *Castilleja* 23: 4-5.
- Snow, N. 2004. Buffalograss shares generic boundaries with Blue Grama (*Bouteloua*). *Aquilegia* 30.
- Snow, N. 2000. Generic Changes to the Scrophulariaceae affect the Rocky Mountain Flora. *Aquilegia* 24(5): 1-2.

Snow, N. 2000. The UNC herbarium: Mission and activities. *Aquilegia* 24(1): 6.

Snow, N. 1994. The Missouri Botanical Garden: A Research Paradise. *Castilleja* 13: 3

PAPERS PRESENTED (presenter in bold; student authors in asterisks)

Snow, N., N. Harbottle, S. A. James, T. A. Ranker, M. Thomas, D. H. Lorence. The Consortium of Pacific Herbaria: A new research and collections network for Oceania. Society for the Preservation of Natural History Collections, Annual Meeting (May 2011, San Francisco).

J. W. Brasher, N. Snow. 2008. Factors correlated with recognition of plants and mammals: Implications for weed control. Western Society of Weed Science 61st Annual Meeting, 11-14 March 2008, Anaheim, CA.

<http://www.wsweedscience.org/Meeting/2008/WSWS%202008%20program%20final.pdf>

J. W. Brasher, N. Snow. 2007. Species Identification Survey: Factors correlated with recognition of plants and animals. BOTANY 2007 (Chicago, IL).

J. Csizmadi*, **N. Snow**, M. Wojciechowski, A. Salywon, G. Beredsford. 2006. Testing generic boundaries of *Rhodomyrtus* (Myrtaceae) using ITS sequence data and morphology. BOTANY 2006 (Chico, CA).

Brasher, J.*, N. Snow. 2004. Rapid and Efficient Dissemination of Biological Data with Interactive Keys: The Southern Rocky Mountain Interactive Flora. GBIOT-04 (First Biotechnology and Bioinformatics Symposium, Colorado Springs, September).

Snow, N. 2004 . Successfully marketing and managing smaller natural history collections in an era of declining funding. BOTANY 2004. (Snowbird, UT)

Snow, N. 2004. A new endemic genus in Myrtaceae from New Caledonia. BOTANY 2004 (Snowbird, UT).

Salywon, A., N. Snow, M. J. Wojciechowski, J. Csizmadi, L. R. Landrum. 2004. Phylogeny of Myrtaceae based on ITS sequences. BOTANY 2004 (Snowbird, UT).

Snow, N. 2002. Interactive computer keys as constructivist learning tools in biology. Botany in the Curriculum: Integrating Research and Teaching. BOTANY 2002 (Madison, WI)

Salywon, A., **N. Snow**, L. R. Landrum. 2002. Phylogenetic relationships of the berry fruited Myrtaceae as inferred from ITS sequences. BOTANY 2002 (Madison, WI)

Koblitz*, B., **N. Snow**. 2002. An Interactive Key to the Vascular Flora of the Laramie Foothills Region, Colorado. BOTANY 2002 (Madison, WI)

Snow, N. 1999. Systematics of *Leptochloa* P. Beauv. using the phylogenetic species concept. XVI International Botanical Congress, St. Louis.

Snow, N., G. P. Guymer. 1999. Systematic revision of *Austromyrtus* (Myrtaceae) in Australia. XVI International Botanical Congress, St. Louis.

Snow, N., G. P. Guymer. 1997. Conservation and systematics of *Myrtella* and *Lithomyrtus* F. Muell. (Myrtaceae). Australian Systematic Botany Society and Society of Australian Systematic Biologists, Adelaide.

Snow, N. 1997. Application of the phylogenetic species concept: a case study with *Leptochloa* (Poaceae, Chloridoideae). Australian Systematic Botany Society and Society of Australian Systematic Biologists, Adelaide.

Snow, N. 1995. Leaf cross-sectional anatomy in *Leptochloa* (Poaceae). *American Journal of Botany Abstracts* 82: 162.

Snow, N. 1994. Micromorphological characters in Poaceae: considerations of ontogeny, homology, and phylogenetic application. *American Journal of Botany Abstracts* 82: 187.

Snow, N. 1994. Lemnate micromorphology as a source of phylogenetic markers in the subtribe Eleusininae (Poaceae, Chloridoideae, Eragrostoideae) *American Journal of Botany Abstracts* 81: 186-187.

Snow, N. 1990. Phylogeographical affinities of the Absaroka Range (Wyoming-Montana), Southwestern and Rocky Mountain Division, American Association for the Advancement of Science.

Snow, N. 1990. A teaching exercise concerning tropical deforestation using a fictitious scenario. Colorado-Wyoming Academy of Science.

PUBLISHED (PEER REVIEWED) ABSTRACTS

Snow, N. 1998. The use of hairs for phylogenetic inference in grasses (Poaceae). Abstracts: 51. Monocots II, Comparative Biology of the Monocotyledons, Sydney, Australia.

Snow, N. 1998. Application of the phylogenetic species concept to *Leptochloa* (Poaceae). Abstracts: 84. Monocots II, Comparative Biology of the Monocotyledons, Sydney, Australia.

POSTERS (student authors with asterisks)

James, S. A., C. Imada, N. Snow. 2009. Hawaii's invasive plant species: an interactive tool for identification, management and public outreach. Hawaii Conservation Alliance, Honolulu (July).

Snow, N., B. Legler*. 2009. Vascular flora of the Southern Rocky Mountain Region: A twenty-year review. Colorado Native Plant Society Annual Meeting; September 10-11. "Best Poster" award.

Schiebout*, M., H., D. Hazlett, N. Snow. 2007. Floristics of northeastern New Mexico. UNC Academic Excellence Week (April 2007) and New Mexico Native Plant Society Annual Meeting (August 2007).

Csizmadi*, J., N. Snow, M. Wojciechowski, A. Salywon, G. Beresford. 2006. Testing generic boundaries of *Rhodomyrtus* (Myrtaceae) using ITS sequence data and morphology. UNC Academic Excellence Week (April 2006).

Schiebout*, M., N. Snow. 2006. A floristic survey of northeastern New Mexico: Preliminary Results. UNC Academic Excellence Week (April 2006).

Csizmadi*, J., N. Snow. 2004. Leaf anatomical variation in *Eugenia* (Myrtaceae) based on SEM. Botany2004 (Snowbird, UT).

Brasher*, J. W., N. Snow. 2004. Progress report on the Southern Rocky Mountain Interactive Flora. Botany2004 (Snowbird, UT)

Brasher*, J. W., N. Snow. 2002. Colorado Interactive Flora, Phase 1: Key to the families. American Society of Plant Taxonomists, Botany 2002 (Madison, WI)

REPORTS (student authors with asterisks)

Snow, N. 2011. 5-Year Annual Reports for U.S. Fish and Wildlife Service for the following species of conservation concern in the Pacific Basin: *Argyroxiphium sandwicense* var. *sandwicense*, *Clermontia drepanomorpha*, *Cyaenea platyphylla*, *Cyaenea stictophylla*, *Cyrtandra tintinnabula*, *Delissea argutidentata*, *Isodendron hosakae*, *Lipochaeta venosa*, *Nesogenes rotensis*, *Nothoctrum breviflorum*, *Osmoxylon mariannense*, *Phyllostegia racemosa*, *P. velutina*, *P. warshaueri*, *Plantago hawaiiensis*, *Pleomele hawaiiensis*, *Pritchardia affinis*, *Serianthes nelsonii*, *Sicyos alba*, *Vicia menziesii*.

Moore, J. C., N. Snow, C. Pritekel*. 2004. Ecosystem impacts resulting from the use of herbicides at Rocky Mountain National Park, Colorado. Final Report to Rocky Mountain National Park, Estes Park, Colorado. 52 pp.

Duke, R. R., B.B. Boroski, N. Snow, H. Clark, R. Sisk, J. Seay. 2005. Kettlemen City Commercial Development Biotic Study. H. T. Harvey & Associates (Private Consulting Report.) 50 pp.

INVITED SEMINARS

Snow, N. 2011. Towards a better understanding of 'Ohi'a lehua (*Metrosideros polymorpha*, Myrtaceae): A call for a 3-year collaboration to update our knowledge of its taxonomy and biology. Third Annual Symposium: Tropical Conservation Biology and Environmental Science. University of Hawaii, Hilo. (17 Feb 2011).

Snow, N. 2010. The relationship of taxonomy to conservation biology. University of Hawaii at Manoa. Graduate seminar presentation followed by discussion. 14 September 2010.

Snow, N. 2009. Can Plant Families Gain Weight? Evidence from the Myrtle family (Myrtaceae). (11 October 2009): University of Hawaii at Manoa.

Snow, N. 2009. An Overview of Grasses (Poaceae) with Special Emphasis on the Pacific. Hawaii Botanical Society (12 January 2009).

Snow, N. 2008. Myrtaceous meanders: A walk through the Myrtle family. Hawaii Botanical Society (5 May 2008).

Snow, N. 2007. The process of discovery: New plant species in Myrtaceae. University of Denver, (1 Oct 2007).

Snow, N. 2007. Systematics and Evolution of the Myrtle family (Myrtaceae). Bishop Museum, Hawaii. (4 May 2007).

Snow, N. 2006. Discovery and description of new plant species: Case studies from the Myrtle family (Myrtaceae). University of Northern Colorado (29 Sep 2006).

Snow, N. 2006. Discovery and description of new plant species – a view from Down Under. Au Sable Institute, Coupeville, Washington (21 Jun 2006).

Snow, N. 2005. Collaborative systematic and evolutionary studies in the Myrtle family, Myrtaceae. University of Alaska-Fairbanks. (22 Nov 2005).

Snow, N. 2004. Interactive keys: Important new tools for the dissemination of taxonomic data. Kent State University (18 Nov 2004).

Snow, N. 2003. Interactive keys: Important new tools in the study of biodiversity. Colorado State University (9 May 2003).

Snow, N. 2001. Taxonomic Studies in the Myrtle Family (Myrtaceae) and the Dissemination of New Data Using Interactive Keys. New Mexico State University (15 Nov 2001)

Snow, N. 2000. Biodiversity, Species Concepts, and Endangered Species Laws: A perspective from Australia. Colorado State University (21 Apr 2000).

Snow, N. 1999. The legal ramifications of species concepts: A perspective from Australia. University of Wyoming (10 Dec 1999).

Snow, N. 1999. Conspectus of Australasian Myrtinae (Myrtaceae): Current status and future priorities. Symposium: Biology and Evolution of the Myrtaceae: Current Knowledge and Future Directions. XVI International Botanical Congress, St. Louis.

Snow, N. 1999. What is new in systematics at the millennium? Department of Chemistry, University of Northern Colorado.

Snow, N. 1998. Applying methodological advancements in systematics: Species boundaries and phylogeny of *Leptochloa* (Poaceae). University of Northern Colorado. (20 Mar 1998)

Snow, N. 1998. Implementation of the phylogenetic species concept in botanical monography: a case study using *Leptochloa*. Queensland Herbarium, Australia.

Snow, N. 1997. Phylogeny and Systematics of *Leptochloa* P. Beauv. (Poaceae). Washington University, St. Louis. Ph.D. defense seminar.

Snow, N. 1996. Phylogenetics and plant systematics: necessary merger or mere fad? Queensland Herbarium, Brisbane.

Snow, N. 1996. An overview of the Rocky Mountain Flora. Royal Botanic Gardens, Kew England (January); National Botanical Institute, Pretoria South Africa (February), Royal Botanic Gardens, Sydney (March), Queensland Herbarium, Brisbane (April).

Snow, N. 1995. The character resolution index: a potential method for the a posteriori filtering of characters in the cladistic paradigm. Rancho Santa Ana Botanical Garden, Claremont.

GRADUATE STUDENT COMMITTEES

Vernon, A. *Interactive key to Hawaiian ferns*. M.S. Thesis (Committee member). University of Hawaii-Manoa. (Defended June 2011)

Legler, B. *Floristics of Vermejo Park Ranch, north-central New Mexico*. M.S. Thesis (Initial advisor at Univ. N. Colorado; transferred to University of Wyoming with same thesis project)

Goshorn, M. *Comparative leaf anatomy in Syzygium (Myrtaceae)*. M.S. Thesis (Committee member). University of Denver. (Defended February 2008)

Brasher, J. W. *The Southern Rocky Mountain Interactive Flora (SRMIF) and factors associated with recognition of plants and mammals*. Ph.D. Dissertation. (Advisor). (Defended May 2006)

Csizmadi, J. *An assessment of generic boundaries of Rhodomyrtus (Myrtaceae) based on morphology and the Nuclear Internal Transcribed Spacer (ITS—1, 2) region sequence data*. M. S. Thesis (Advisor). Graduate Dean's Outstanding Thesis Award. (Defended March 2006).

Schiebout, M. *A floristic survey of northeastern New Mexico*. M.S Thesis (Advisor). (Defended October 2006)

Harris, W., *Systematics and Phylogeny of Notelaea (Oleaceae, Oleoideae) and the related genera in the Australasian Region*. Ph.D. thesis (outside reader) University of Queensland (2003)

Lightsey, V. *Late season vegetation analysis of white-tailed and black-tailed prairie dog ecosystems with black-footed ferret reintroductions*. M.S. Thesis (Co-advisor). (Defended 2003)

Pritekel, C. *Impacts from invasive plant species and their control on the plant community and belowground ecosystem at Rocky Mountain National Park, USA*. M.S. Thesis (Committee member). (Defended 2004)

Koblitz, B. *Interactive key to the Flora of the Laramie Foothills*, University of Northern Colorado. M.S. Thesis (Advisor). (Thesis successfully defended 2002 but did not graduate)

UNDERGRADUATE WORK STUDY AND INDEPENDENT STUDIES ADVISED IN HERBARIUM AT UNIVERSITY OF NORTHERN COLORADO (1998-2007)

1998: Sarah Parker; Nathan Smith
1999: Nathan Holton
2000: Jeff Grasser; Gennai Sawvel
2001: Jessie McFadden
2002: Lloyd Washington (African American)
2001-2005: Rose Sawvel
2003: Betony Williamson; Kim Lyons
2004: Danielle Sparks; Jason Cole; Cindy Sampson
2005: Aimée Kaye (African American)

GRADUATE —, WORKSTUDY, AND INDEPENDENT STUDY ADVISED AT UNC HERBARIUM

Heather White (2000)
Bonnie Koblitz (2000-2002)
Jeffery Brasher (2002-2006)
Michael Schiebout (2004-2006)
Jessie Csizmadi (2003-2006)
Kimberley Greeson (2006) (Native Hawaiian Islander)
Ben Legler (2007)

ADULT VOLUNTEERS SUPERVISED AT UNC HERBARIUM

R. Williams (1999-2007; still currently active at UNC)
M. J. Niemann (2001-2007; still currently active at UNC)
M. Orris (2001-2007; still currently active at UNC)

SUMMER HIGH SCHOOL STUDENT SPONSORED WORK IN HERBARIUM AT UNC

2005: Railuca Oniu (through Frontiers of Science Institute at UNC)

FOREIGN LANGUAGE PROFICIENCY

Spanish – fluency in reading and speaking; intermediate writing
Portuguese – intermediate skills reading, speaking and writing
French – beginning reading knowledge

PROFESSIONAL MEMBERSHIPS

American Society of Plant Taxonomists (1985-present)
Montana Native Plant Society (2011)
Colorado Native Plant Society (1998-present)
International Association of Plant Taxonomists (1998-2009)
Society of Systematic Biologists (1998-2007)
Australian Systematic Botany Society (1997-2003)
Society for the Study of Evolution (1998-2002)

FIELD AND MUSEUM FIELD STUDIES

USA – 21 states (1981-2011); Australia (1996, 1997, 1998, 1999, 2003, 2005); Brazil (2001; herbarium work only); Botswana (1996); Costa Rica (1992); Dominican Republic (2001); France (1996 and 2004, herbarium work only); Mexico (1986, 1992, 1995); Namibia (1996); New Caledonia (2003); Philippines (1994); Puerto Rico (2001); South Africa (1996); Swaziland (1996)

SERVICE TO UNIVERSITY, UNC (1998-2007)

Search Committee Member (Math and Science Teaching Institute Director; 2006)
Charting the Future, report from Graduate Committee to Graduate School (2003)
Graduate Council Member (2002-2004)
Dean's Task Force to Review Policy of Promotion and Tenure (Fall 2002)
Flag-Bearer, College of Arts & Sciences (Fall graduation, 2002)
Chair of Scholar Awards Committee, College of Arts & Sciences (2002)
Academic Appeals Board 1999-2004
Xeriscape Advisory Board of Greeley, 1998-2000

SERVICE TO THE SCHOOL OF BIOLOGICAL SCIENCES, UNC (1998-2007)

Assessment Committee (2006-2007)
Program Review Committee (2006-2007)
Curator of the Herbarium (1998-2007)
Chair, Search Committee for Plant Physiology Position (2004)
Graduate Committee Chair (2002-2004)
Graduate Committee Member (2001-2004)
Departmental website coordinator (2000-2004)
Faculty Search Committee Member (2000 – 2003; 5 positions)
Coordinator of Departmental seminar series (2000)
Scholar's Seminar Series Organizer (2001), Dr. Gar Allen (Washington University in St. Louis)
Scholar's Seminar Series Organizer (2000), Dr. Phillip Keating (University of Miami)
Scholar's Seminar Series Organizer (2000), Dr. Donald Buckley (Quinnipiac University)
Member Ad Hoc Program Review Committee, Dept. Biological Sciences (2000)
Technology Committee (Chair), Department of Biological Sciences (2000)

OTHER MISCELLANEOUS PROFESSIONAL SERVICE

Hawaii Restoration and Conservation Initiative (2008-2011; Bishop Museum Representative)
Biota of North America Program; Hawaiian Representative (2008-present).
Participant: Central Shortgrass Prairie Partnership Initiative, The Nature Conservancy, May 2006.
Participant: "Workshop to Produce a Decadal Vision for Taxonomy and Natural History Collections", National Science Foundation, Univ. of Florida, Gainesville. Nov. 2003.
Chief Organizer, Symposium: "Biology and Evolution of Myrtaceae: Current Knowledge and Future Directions: XVI International Botanical Congress, St. Louis, 1999.

External Advisor: *Flora of the Philippines*, Botanical Research Institute of Texas (Fort Worth) & Philippine National Herbarium (Manila), sponsored by National Science Foundation, 1994.
Colorado Native Plant Society: Board of Directors (2000-2004)
Wyoming Native Plant Society: President (1990); Vice President (1989)

PROFESSIONAL REVIEW OF PUBLICATIONS

Ad hoc peer review (53 articles total) for: *Systematic Botany*, *American Journal of Botany*, *Molecular Phylogenetics and Evolution*, *Harvard Papers in Botany*, *Annals of the Missouri Botanical Garden*, *International Journal of Plant Sciences*, *PhytoKeys*, *Journal of the Botanical Research Institute of Texas* (formerly *Sida*), *Selbyana*, *Novon*, *Nuytsia*, *Biochemical Systematics and Ecology*, *Bonplandia*, *Brittonia*, *Annales Botanici Fennici*, *Austrobaileya*, *Caldasia*, *New Zealand Journal of Botany*, *Madroño*, *American Fern Journal*, *Cycad Journal*; *Phytologia*; *Monocots IV: Proceedings of the Fourth International Symposium of Monocots*.

GRANT PROPOSAL REVIEW

National Science Foundation (2007 Panelist for Biological Science Collections; ad hoc for other)
National Science Foundation (ad hoc: 2002, 2004, 2006)
National Geographic Society (2004)

CURRENT AND RECENT (PAST 5 YERS) COLLABORATORS

James F. Smith (Boise State University); Peter Wilson (Royal Botanical Gardens, Sydney); Lyn Craven (Australian National Herbarium, Canberra); Andrew Salywon (Desert Botanical Garden); Marty Wojciechowski (Arizona State University); Les Landrum (Arizona State University); Thomas Ranker (University of Hawaii-Manoa); David Lorence (National Tropical Botanical Garden); Derek Clayton (Royal Botanical Gardens, Kew); John Dawson (Victoria University, Wellington, NZ); Timothy Evans (Grand Valley State University, Michigan); Paul Peterson (Smithsonian Institution); Wayne Takeuchi (Arnold Arboretum, Harvard University); Jan Fritz Veldkamp (Rijksherbarium, Leiden, Netherlands); Jessie McFadden (Conifer High School, Colorado); Joshua Atwood (University of Rhode Island); Gerrit Davidse (Missouri Botanical Garden); Mr. Michael Schiebout (University of Northern Colorado); Donald Hazlett (Denver Botanic Gardens); Ben Legler (University of Washington); Pamela Smith (Ft Collins, Colorado)

AVOCATIONS

Family activities, reading (history, biography, science), classical music, fishing, hiking, skiing

APPENDICES

APPENDIX 1. New plant taxa (bold) and nomenclatural combinations. Includes four new genera: *Gossia*, *Lenwebbia*, *Kanakomyrtus*, *Lithomyrtus*.

Aspleniaceae: *Asplenium dielpallidum* N. Snow (nom. nov.); *Asplenium x joellau* (W.H. Wagner) N. Snow

Brassicaceae: *Boechera holboellii* (Hornem.) Löve & Löve var. *pendulocarpa* (A. Nelson) N. Snow

Poaceae: *Elymus ponticus* (Podp.) N. Snow; *Leptochloa caudata* (K. Schum.) T. A. Cope & N. Snow; *Leptochloa decipiens* (R. Br.) Stapf ex Maiden ssp. *asthenes* (Roem. & Schult.) N. Snow; *Leptochloa decipiens* (R. Br.) Stapf ex Maiden ssp. *peacockii* (Maiden & Betche) N. Snow; *Leptochloa eleusine* (Nees). T. A. Cope & N. Snow; *Leptochloa fusca* (Lam.) Kunth subsp. *fascicularis* (A. Gray) N. Snow; *Leptochloa fusca* (Lam.) Kunth subsp. *muelleri* (Bentham) N. Snow; *Leptochloa fusca* (Lam.) Kunth subsp. *uninervia* (J. Presl) N. Snow; *Leptochloa gigantea* (Launert) T. Cope & N. Snow; *Leptochloa panicea* (Retz.) Ohwi subsp. *brachiata* (Steud.) N. Snow; ***Leptochloa simoniana*** N. Snow; ***Leptochloa sonorensis*** N. Snow & P. M. Peterson ined.; ***Leptochloa southwoodii*** N. Snow & B. K. Simon; ***Leptochloa srilankensis*** N. Snow

Myrtaceae: ***Austromyrtus glabra*** N. Snow & Guymer; ***Decaspermum struckoilocum*** N. Snow & Guymer; ***Eugenia ardyceae*** N. Snow; ***Eugenia craveniana*** N. Snow & Peter G. Wilson; ***Eugenia guajavoides*** N. Snow & F. Randriatafika ined.; ***Eugenia kanakana*** N. Snow (nom. nov.); *Eugenia longuensis* N. Snow (nom. nov.); ***Eugenia lacerosepala*** N. Snow; ***Eugenia louisiae*** N. Snow; ***Eugenia manonae*** N. Snow & J. Rabenantoandro ined.; ***Eugenia nosibensis*** N. Snow; ***Eugenia petrikensis*** N. Snow & F. Randriatafika; *Eugenia petrinensis* (Guého & A. J. Scott) N. Snow; *Eugenia psidioideum* (Guého & A. J. Scott) N. Snow; ***Eugenia punctiphylla*** N. Snow & D. N. Razafimamonjy ined.; *Eugenia pyxidata* (Guého & A. J. Scott) N. Snow; ***Eugenia rosapetiolata*** N. Snow & S. Cable ined.; ***Eugenia stibelpphylla*** N. Snow & D. Rabevehitra ined.; ***Eugenia vanwykiana*** N. Snow; ***Eugenia williamsiana*** N. Snow; *Gossia acmenoides* (F. Muell.) N. Snow & Guymer; *Gossia alaternoides* (Brongn. & Gris) N. Snow; *Gossia alaternoides* (Brongn. & Gris) N. Snow var. *pulchrifolius* (Guill.) N. Snow; *Gossia alaternoides* (Brongn. & Gris) N. Snow var. *conspicua* (Vieillard ex Guillaumin) N. Snow; ***Gossia alaternoides*** (Brongn. & Gris) N. Snow var. ***velutinosus*** N. Snow ined.; *Gossia aneityensis* (Guillaumin) N. Snow; ***Gossia angustifolia*** N. Snow ined.; *Gossia apthosa* (Vieill. ex Brongn. & Gris) N. Snow; ***Gossia bamagensis*** N. Snow & Guymer; *Gossia bidwillii* (Bentham) N. Snow & Guymer; ***Gossia bourailensis*** N. Snow ined.; ***Gossia byrnesii*** N. Snow & Guymer; *Gossia clusioides* (Brongn. & Gris) N. Snow; *Gossia clusioides* (Brongn. & Gris) N. Snow var. ***bleuensis*** N. Snow ined.; *Gossia clusioides* (Brongn. & Gris) N. Snow var. ***grandibullata*** N. Snow ined.; *Gossia clusioides* (Brongn. & Gris) N. Snow var. ***maoyensis*** N. Snow ined.; *Gossia clusioides* (Brongn. & Gris) N. Snow var. ***ploumensis*** (Däniker) N. Snow ined.; *Gossia clusioides* (Brongn. & Gris) N. Snow var. ***rembaiensis*** (Däniker) N. Snow ined.; *Gossia clusioides* (Brongn. & Gris) N. Snow var. ***tiegabhiensis*** N. Snow ined.; *Gossia clusioides* (Brongn. & Gris) N. Snow var. ***taomensis*** N. Snow ined.; *Gossia colnettiana* (Guillaumin) N. Snow; ***Gossia conduplicata*** N. Snow ined.; *Gossia dallachiana* (F. Muell.) N. Snow & Guymer; *Gossia diversifolia* (Brongn. & Gris) N. Snow; *Gossia eugenioides* (A. J. Scott) N. Snow; *Gossia floribunda* (A.J. Scott) N. Snow & Guymer; *Gossia fragrantissima* (F. Muell. ex Benth.) N. Snow & Guymer; *Gossia gonoclada* (F. Muell. ex Benth.) N. Snow & Guymer; ***Gossia grandiflora*** N. Snow ined.; ***Gossia grayi*** N. Snow & Guymer; *Gossia hillii* (Benth.) N. Snow & Guymer; *Gossia inophloia* (J.F. Bailey & C.T. White) N. Snow & Guymer; ***Gossia kaalaensis*** N. Snow ined.; ***Gossia katepahiensis*** N. Snow ined.; *Gossia kuakuense* (Vieill. ex Guillaumin) N. Snow; ***Gossia lewisensis*** N. Snow &

Guymer; ***Gossia longipetiolata*** N. Snow; *Gossia lucida* (Gaertn.) N. Snow & Guymer; ***Gossia mandjeliaensis*** N. Snow ined.; ***Gossia macilwraithensis*** N. Snow & Guymer; *Gossia myrsinocarpa* (F. Muell.) N. Snow & Guymer; ***Gossia ngaensis*** N. Snow ined.; *Gossia nigripes* (Guillaumin) N. Snow; ***Gossia ouazangouensis*** N. Snow ined.; *Gossia pancheri* (Brongn. & Gris) N. Snow; *Gossia pubiflora* (C.T. White) N. Snow & Guymer; ***Gossia punctata*** N. Snow & Guymer; ***Gossia ramiflora*** N. Snow ined.; *Gossia randiana* (Merrill & Perry) N. Snow; ***Gossia retusa*** N. Snow & Guymer; *Gossia salamonensis* (A. J. Scott) N. Snow; ***Gossia sankowskiorum*** N. Snow & Guymer; ***Gossia scottiana*** N. Snow; *Gossia shepherdii* (F. Muell.) N. Snow & Guymer; *Gossia versteeghii* (Merrill & Perry) N. Snow; *Gossia vieillardii* (Brongn. & Gris) N. Snow; *Gossia virotii* (Guillaumin) N. Snow; ***Gossia yelana*** N. Snow & Peter G. Wilson; ***Kanakomyrtus dawsoniana*** N. Snow; ***Kanakomyrtus longipetiolata*** N. Snow; ***Kanakomyrtus mcphersonii*** N. Snow; *Kanakomyrtus myrtopsidoides* (Guillaumin) N. Snow; ***Kanakomyrtus prominens*** N. Snow; ***Kanakomyrtus revoluta*** N. Snow; *Lenwebbia lasioclada* (F. Mueller) N. Snow & Guymer; ***Lenwebbia prominens*** N. Snow & Guymer; *Lithomyrtus cordata* (A. J. Scott) N. Snow & Guymer; ***Lithomyrtus densifolia*** N. Snow & Guymer; ***Lithomyrtus dunlopiae*** N. Snow & Guymer; ***Lithomyrtus grandifolia*** N. Snow & Guymer; ***Lithomyrtus hypoleuca*** N. Snow & Guymer; ***Lithomyrtus kakaduensis*** N. Snow & Guymer; ***Lithomyrtus linariifolia*** N. Snow & Guymer; *Lithomyrtus microphylla* (Bentham) N. Snow & Guymer; *Lithomyrtus obtusa* (Endl.) N. Snow & Guymer; ***Lithomyrtus repens*** N. Snow & Guymer; ***Lithomyrtus retusa*** (Endl.) N. Snow & Guymer; ***Pilidiostigma sessile*** N. Snow; ***Rhodamnia angustifolia*** N. Snow & Guymer; ***Rhodamnia arenaria*** N. Snow; ***Rhodamnia asekiensis*** N. Snow ined.; ***Rhodamnia fordii*** N. Snow; ***Rhodamnia hylandii*** N. Snow; ***Rhodamnia kamialiensis*** N. Snow & Takeuchi; ***Rhodamnia longisepala*** N. Snow & A. Ford; ***Rhodamnia makumaka*** N. Snow ined.; ***Rhodamnia sharpeana*** N. Snow; ***Rhodamnia toratota*** N. Snow ined.; ***Rhodamnia waigeoensis*** N. Snow ined.; ***Rhodomyrtus guymeriana*** N. Snow & J. P. Atwood; ***Rhodomyrtus kawaeensis*** N. Snow; ***Rhodomyrtus longisepala*** N. Snow & J. McFadden; ***Rhodomyrtus mengeniensis*** N. Snow; ***Rhodomyrtus misimana*** N. Snow; ***Rhodomyrtus takeuchii*** N. Snow & J. Cantley; ***Syzygium ludovicii*** N. Snow; ***Syzygium neurophyllum*** N. Snow; ***Syzygium purpuricarpum*** N. Snow; ***Syzygium rakotavaoanum*** N. Snow; ***Syzygium rambutyense*** N. Snow; ***Syzygium ridsdalei*** Craven & N. Snow; *Syzygium thompsonii* (Merr.) N. Snow; ***Syzygium watutense*** Craven & N. Snow; ***Uromyrtus acuminata*** N. Snow ined.; ***Uromyrtus allisoniana*** N. Snow; *Uromyrtus artensis* (Montrouz.) var. ***baumanii*** N. Snow ined.; *Uromyrtus baumannii* (Guillaumin) N. Snow & Guymer; ***Uromyrtus lamingtonensis*** N. Snow & Guymer; ***Uromyrtus longipedunculata*** N. Snow ined.; *Uromyrtus myrtoides* (Brong. & Gris) N. Snow ined.; *Uromyrtus rostrata* (Lauterb.) N. Snow & Guymer; *Uromyrtus sunshinensis* (Guillaumin) N. Snow & Guymer; ***Uromyrtus tenellus*** N. Snow & Guymer; ***Xanthomyrtus kanalaensis*** (Hochr.) N. Snow; ***Xanthomyrtus splendens*** N. Snow & Takeuchi

Thelypteridaceae

Cyclosorus pendens (D.D. Palmer) N. Snow

APPENDIX 2: Holotype specimens collected

Myrtaceae: *Gossia punctata*; *Lithomyrtus dunlopiae*; *Lithomyrtus kakaduensis*; *Lithomyrtus grandifolia*; *Lithomyrtus repens*

Poaceae: *Leptochloa southwoodii*

APPENDIX 3: Lectotypes designated for basionyms by Snow and colleagues, with accepted name (where appropriate) in synonymy in parentheses.

Myrtaceae: *Eugenia kanalaensis* Hochr. (= *Xanthomyrtus kanalaensis* (Hochr.) N. Snow); *Eugenia pancheri* Brongn. & Gris (= *Gossia pancheri* (Brongn. & Gris) N. Snow); *Eugenia thompsonii* (Merr.) N. Snow; *Kania hirsutula* F. Muell.; *Myrtella beccarii* F. Muell.; *Myrtella bennigsenniana* Volk.; *Myrtus acmenoides* F. Muell. (= *Gossia acmenoides*); *Myrtus aneityensis* Guillaumin; *Myrtus baumannii* Guill. (= *Uromyrtus baumannii*); *Myrtus fragrantissima* F. Muell. ex Benth. (= *Gossia fragrantissima*); *Myrtus hillii* Benth. (= *Gossia hillii*); *Myrtus inophloia* J. F. Bailey & C. T. White (= *Gossia hillii*); *Myrtus pluchrifolius* Guillaumin (= *Gossia alaternoides* var. *pulchrifolius* (Guillaumin) N. Snow); *Myrtus racemulosa* (= *Gossia acmenoides*); *Myrtus rhytispermum* (= *Pilidiostigma rhytisperma*); *Myrtus shepherdii* F. Muell. (= *Gossia shepherdii*); *Myrtus tenuifolia* Sm. (= *Austromyrtus tenuifolia*); *Pilidiostigma glabrum* Burret; *Psidium cattleianum* Sabine; *P. guineense* Sw.; *Rhodamnia argentea*; *Rhodamnia blairiana*; *Rhodamnia trinervia* var. *glabra* (= *Rhodamnia maideniana*); *Rhodamnia trinervia* var. *spongiosa* (= *Rhodamina spongiosa*)

Poaceae: *Agrostis montana* Krock. (= *Leptochloa uniflora*); *Chloris dubia* Kunth (= *Leptochloa dubia*); *Cynodon gracilis* Nees ex Steud. (= *Leptochloa uniflora*); *Diplachne acuminata* Nash (= *Leptochloa fusca* subsp. *fascicularis*); *Diplachne capensis* var. *concinna* Nees (= *Leptochloa fusca* subsp. *fusca*); *Diplachne capensis* (Nees) Nees var. *prolifera* subvar. *minor* Nees (= *Leptochloa fusca* subsp. *fusca*); *Diplachne dubia* Kuntze var. *pringlei* (= *Leptochloa dubia*); *Diplachne eleusine* Nees (= *Leptochloa eleusine*); *Diplachne hallei* Nash (= *Leptochloa panicoides*); *Diplachne livida* Nees (= *Leptochloa fusca* subsp. *fusca*); *Diplachne maritima* Bicknell (= *Leptochloa fusca* subsp. *fascicularis*); *Diplachne muelleri* F. Muell. (= *Leptochloa fusca* subsp. *muelleri*); *Diplachne uninervia* var. *typica* fo. *abbreviata* Parodi (= *Leptochloa fusca* subsp. *uninervia*); *Diplachne viscida* Scribn. (= *Leptochloa viscida*); *Eleusine polystachya* F. Muell. (= *Leptochloa digitata*); *Festuca indica* Retz. (= *Leptochloa fusca* subsp. *fusca*); *Festuca reptatrix* (= *Leptochloa fusca* subsp. *fusca*); *Festuca thouini* Steud. (= *Leptochloa fusca* subsp. *fusca*); *Ipnum mendocinum* Phil. (= *Leptochloa dubia*); *Leptochloa coerulescens*; *Leptochloa coromandelina* Steud. (= *Leptochloa panicea* subsp. *panicea*); *Leptochloa imbricata* Thurb. (= *Leptochloa fusca* subsp. *fascicularis*); *Leptochloa floribunda* Döll (= *Leptochloa panicoides*); *Leptochloa liebmannii* E. Fournier (= *Leptochloa scabra*); *Leptochloa pringlei* (= *Leptochloa dubia*); *Leptochloa squarrosa* Pilg.; *Leptochloa virgata* var. *intermedia* E. Fourn. (= *Leptochloa virgata*); *Leptochloa virgata* var. *mutica* E. Fourn. (= *Leptochloa virgata*); *Megastachya uninervia* (= *Leptochloa fusca* subsp. *uninervia*); *Poa asthenes* (= *Leptochloa decipiens* subsp. *asthenes*); *Triodia ambigua* R. Br. (= *Leptochloa fusca* subsp. *fusca*); *Triodia parviflora* R. Br. (= *Leptochloa fusca* subsp. *fusca*); *Uraleptis brevicuspida* Buckley (= *Leptochloa dubia*)

APPENDIX 4: New State records reported alone or with colleagues (1990-2011)

Colorado: *Amaranthus californicus*, *Eichhornia crassipes*, *Pistia stratioides*, *Physaria brassicoides*, *Trifolium dasyphyllum* var. *anemophilum*, *Euphorbia exstipulata*

Hawaii: *Agrostis hyemalis*, *Andropogon bicornis*, *Brachiaria decumbens*, *B. deflexa*, *Deschampsia caespitosa* var. *beringensis*, *Digitaria bicornis*, *Eragrostis dielsii*, *E. pectinacea* var. *miserrima*, *E. pilosa*, *E. sessilispica*, *E. trichophora*, *Leptochloa dubia*, *Oplismenus hirtellus* var. *undulatifolius*, *Paspalum arundinaceum*, *P. mandiocanum* var. *mandiocanum*, *P. pilosum*, *P. unispicatum*, *Panicum virgatum*, *Rytidosperma biannulare*, *Schedonorus pratensis*, *Sorghum arundinaceum*

New Mexico: *Amaranthus californicus*, *Rosa x harisonii*, *Rorippa teres*, *Artemisia ludoviciana* var. *incompta*, *Tetraneuris torreyana*

Wyoming: *Chloris verticillata*