

CURRICULUM VITAE

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Personal: Barbara Mary Thiers, born 9 February 1955 in College Station, TX; married 27 August 1983 to Roy E. Halling, one child.

Education and Degrees: B.A. San Francisco State University, 1977; Ph.D. University of Massachusetts, 1982. Dissertation: *Branching in the Lejeuneaceae (Hepaticae)*. Advisor: Rudolf M. Schuster.

Professional Positions (all at the New York Botanical Garden):

- Postdoctoral Museum Intern, 1981-1982.
- Manager of the Cryptogamic Herbarium, 1982-1986.
- Administrative Curator, Cryptogamic Herbarium, 1986-present.
- Senior Administrative Curator, 1998-1999.
- Associate Director of the Herbarium, 1999-2000.
- Director of the Herbarium, 2000-present
- Acting Vice President for Science, 2001-2002

Editorial Experience:

- Associate Editor, BRITTONIA, 1982-1994.
- Managing Editor, BRITTONIA, 1992-1994.
- Associate Editor, THE BRYOLOGIST, 1987-1996.
- Editorial board member, *Flora of North America* project, 1991-2003
- Lead Editor, *Bryophyte Flora of North America* print volumes, 1995-1999; Web Editor, *Bryophyte Flora of North America On Line*, 1999-2001

Membership in Scholarly Societies:

- American Bryological and Lichenological Society.
- International Association of Bryologists.
- Phi Beta Kappa Scholarship Society.

Participation in NYBG Initiatives, 1990—present

- Long Range Planning, Level 1 presenter, 1990, 1999.
- NYBG Science Advisor to Everett Children's Adventure Garden project, 1992-1998.
- Co-chair, NYBG Science Computerization Committee, 1992-1998.
- Leader, Science Division component of the CASSIA development team, 1995-present.
- Head, Science Division Database Committee, 1998-present.
- Member, Data Access Management Committee, 1997-present.

Elected or Appointed Participation in External Committees, Workshops, etc.

- Member-at-Large of Executive Committee, American Bryological and Lichenological Society (1987-1989, 1997-1999).
- Bryophyte and Lichen Technical Committee, Pennsylvania Biological Survey (1987-present).
- Flora of North America Editorial Committee: Member-at-large, 1990-present; Management Committee member, 1995-present; Lead Editor, Bryophyte Volume, *Flora of North America* project, 1995-1999; Management Committee Head, 1997-1998; Director, *Bryophyte Flora of North America* Data Center, 1999-present.
- NSF panel member, Research Collections for Systematics and Ecology (RCSE) program (April, 1994).
- NSF committee member, Committee of Visitors for Long Term Projects in Environmental Biology (July 1994).
- NSF Open Meeting panel member, Systematic Biology Panel-Workshop on Practices and Directions in Monographic Research (November, 1994).
- Nominating committee, American Bryological and Lichenological Society (1996-1997).
- NSF committee member, Committee of Visitors for Long Term Projects in Environmental Biology (May 1997).
- American Bryological and Lichenological Society Council, 1997-1999.
- Bioinformatics Circuit Rider Workshop: Building the NICHe Model for Computerizing Herbaria, 6-8 April, 2000; invited participant.

Major Grants Received Since 1990:

Lead Principal Investigator:

- *Incorporation of the University of Massachusetts Mycological Collections into the New York Botanical Garden* (1990 -1992; \$55,290).
- *Development of a Catalogue of North American Bryophytes at the New York Botanical Garden* (1996-1998; \$185,000; co -P.I.: William R. Buck).
- *Incorporation of the Kansas State University Fungus Collection into the New York Botanical Garden Herbarium* (1998-1999; \$52,653).
- *The New York Botanical Garden North American Bryophyte Catalog, Phase II* (1999-2001; \$228,000).
- *Incorporation of the Tulane University Fungus Herbarium into the New York Botanical Garden Herbarium* (2000-2001; \$50,910)
- *The New York Botanical Garden American Bryophyte Catalog, Phase II: West Indies, Central America and Mexico* (2001-2004; \$335,000).
- *The New York Botanical Garden Type Specimen Catalog: Mushrooms and Related Groups.* Global Biodiversity Information Facility, DIGIT program (2003-2004, \$48,000)

Co-Principal Investigator:

- *Systematics Collections Improvement, New York Botanical Garden Herbarium* (1991-1993; \$541,702, co P. I. with Patricia K. Holmgren and Jacqueline Kallunki).
- *Systematics Collections Improvement, New York Botanical Garden Herbarium* (1993-1995; \$1,060,343; co- P. I. with Patricia K. Holmgren and Jacquelyn Kallunki).

- *Collection Service* grant (1996-1999; \$400,000; co-P.I. with Patricia K. Holmgren and Jacquelyn Kallunki).
- *National Bryophyte Information Service: Implementation of a Scalable Community Testbed for Botanical Collections Data Management*, (1997-1998; \$117,223 co P.I. with John Schnase, Missouri Botanical Garden).
- *Compact Storage Equipment for the New York Botanical Garden*, (1997-1999; \$952,121; co-P.I. with Patricia K. Holmgren and Jacquelyn Kallunki).
- *Collections-related Services of the New York Botanical Garden Herbarium* (1999-2001; \$403,000; co-P.I. with Patricia K. Holmgren and Jacquelyn Kallunki).

Research Interests: Taxonomy, ecology of tropical Hepaticae, especially of the Lejeuneaceae; Hepaticae of North America, application of information technology to basic systematic research.

Fieldwork: 1976-1993: some yearly collecting in California, mostly north coast and central Sierra Nevada regions. June-July 1984: Tropical regions of Queensland, Australia; August 1984: Papua New Guinea; November, 1986: Antioquia, Colombia. April, 1987: Ecuador. August, 1987: Venezuela. June, 1988: Puerto Rico. October, 1988: Colombia, Dominican Republic. 1993: New Mexico. 1997: Central French Guiana.

Mass Media Interviews:

Brown, K. 2002. In New York City, a building blooms. *Science* 296: 26-27.

Burdick, A. 2002. Sheaves of Grass: Pressed flowers abound in this library of garden delights. *Discover Magazine* May 2002, p. 76-77.

Neary, L. 2002. Profile: Two Botanists At New York Botanical Gardens In The Bronx Moving Six Million Of Their Beloved Specimens To A New Home By Hand. Radio interview on National Public Radio's Morning Edition, aired 2 March 2000.

Salvatore S, 2003. From Field to Streaming Data. *Bio-IT World News*, April 2003 (http://www.bio-itworld.com/news/041503_report2347.html)

Scanlon, J. 2002. Shelf Fungus. *Wired Magazine* May 2002 p. 26.

Shute, N. 2002. Herbal Essence: All the world's a garden – and much of it is dried and pressed in the Bronx. *U.S. News & World Report* May 13, 2002 issue, p. 61.

Thacker, P. 2003. Morphology: The Shape of Things to Come. *Bioscience* 53: 544-549.

Print Publications (excluding book reviews and abstracts):

1982. Branching in the Lejeuneaceae I: A comparison of branch development in *Aphanolejeunea* and *Cololejeunea*. *Bryologist* 85: 104-109.

_____. Type studies in the Lejeuneaceae. I. *Archilejeunea pabstii*, *Hygrolejeunea pacifica*, and *Hygrolejeunea*

- spongia*. Brittonia 34: 294-298.
1983. Type studies in the Lejeuneaceae. II. *Pteryganthus*, a new subgenus of *Lopholejeunea*. Brittonia 35: 81-86.
- _____. Index to the genera and species of Hepaticae described by William Mitten. Brittonia 35: 271-300.
- _____. The fungus herbarium of the Carnegie Museum of Natural History (CM), Pittsburgh, Pennsylvania. Brittonia 35: 367-373. (with Dennis Desjardin and Andrew S. Methven).
1984. Branch characters significant to subfamilial classification of Lejeuneaceae (Hepaticae). Syst. Bot. 9: 33-41.
- _____. Branching in the Lejeuneaceae II. Nipponolejeuneoideae, Tuyamaelloideae, and Myriocoleoideae. Lindbergia 10: 4-18.
- _____. Type studies in Lejeuneaceae III. *Lopholejeunea erugata*, a new name for *Ptychocoleus inermis*. Brittonia 36: 174-177.
- _____. Fungi from the A. O. Garrett Herbarium, University of Utah (UT). Brittonia 36: 293-296. (with C. T. Rogerson).
- _____. Introduction to a reprinted edition of Richard Spruce's Hepaticae Amazonicae et Andinae. Contr. New York Bot. Gard. 15: IX-XII.
- _____. Index to species described in Hepaticae Amazonicae et Andinae by Richard Spruce, with nomenclatural updating. Contr. New York Bot. Gard. 15: (1)-(14).
1985. Branching in the Lejeuneaceae III. Ptychanthoideae. In: Gradstein, S. R., (ed.) Studies in the Lejeuneaceae subfamily Ptychanthoideae. Beih. Nova Hedwigia 80: 31-61.
- _____. *Austrolejeunea bidentata*, a new species of Lejeuneaceae subfamily Tuyamaelloideae from Australia. Bryologist 88: 350-352.
1986. Branching in the Lejeuneaceae. IV. Lejeuneoideae. Nova Hedwigia 42: 237-275.
1987. A preliminary account of *Colura* (Hepaticae, Lejeuneaceae) in Australia. Brittonia 39: 175-179.
- _____. *Lepidolejeunea queenslandica*, a new species of Lejeuneaceae subfamily Lejeuneoideae from Australia. In: Buck, W. R. (ed.) Mem. New York Bot. Gard. 45: 556-560.
1988. Morphological adaptations of the Jungermanniales (Hepaticae) to the tropical rainforest habitat. J. Hattori Bot. Lab. 64: 5-14.
- _____. The Australian species of *Cololejeunea*. in Engel, J. (ed.) Beih. Nova Hedwigia 90: 113-146.
1989. (with Roy E. Halling). Type specimens of agarics, boletes and gasteromycetes in the San Francisco

- State University herbarium (SFSU). *Mycotaxon* 34:267-268.
- _____. (with S. R. Gradstein). Lejeuneaceae (Hepaticae) of Australia. I. Subfamily Ptychanthoideae of Australia. *Mem. New York Bot. Gard.* 52: 1-79.
- _____. (with W. R. Buck) Bryological studies in the tropics. Pp. 484-493. In Campbell, D. & D. Hammond, (eds.), *World Strategy for the Floristic Inventory of Tropical Forests*, New York Botanical Garden, Bronx.
1990. An overview of the Lejeuneaceae in Australia. *Tropical Bryology* 2: 273-283. 1990.
1992. (with S. Emory). The history of bryology in California. *Bryologist* 95: 68-78.
- _____. New Species of *Cheilolejeunea* and *Otolejeunea* (Hepaticae; Lejeuneaceae) from Australia. *Brittonia* 44: 160-165.
- _____. A Re-evaluation of *Cheilolejeunea* subgenus and *Xenolejeunea*. *Tropical Bryology* 5: 11-21.
- _____. An index to the species of mosses and lichens described by William Mitten. *Memoirs of the New York Botanical Garden* 67:1-113. (project coordinator).
1993. A monograph of *Pleurozia* (Hepaticae, Pleuroziaceae). *The Bryologist* 96: 517-554.
1994. (with W. R. Buck). Recent Literature on Hepatics -- 135. *The Bryologist* 97: 91-93.
- _____. (with W. R. Buck). Recent Literature on Hepatics -- 136. *The Bryologist* 97: 193-195.
- _____. (with W. R. Buck). Recent Literature on Hepatics -- 137. *The Bryologist* 97: 326-329.
- _____. (with W. R. Buck). Recent Literature on Hepatics -- 138. *The Bryologist* 97: 447-450.
1995. (with W. R. Buck). Recent Literature on Hepatics -- 139. *The Bryologist* 98: 158-160.
- _____. (with W. R. Buck). Recent Literature on Hepatics -- 140. *The Bryologist* 98: 269-271.
- _____. (with W. R. Buck). Recent Literature on Hepatics -- 141. *The Bryologist* 98: 419-423.
- _____. (with W. R. Buck). 1994. Recent Literature on Hepatics -- 142. *The Bryologist* 98: 621-623.
1996. (with W. R. Buck). Guidelines for Collecting Bryophytes. Pp. 143-146. *In*: Alexiades, M. *Selected Guidelines for Ethnobotanical Research: A field manual*. New York Botanical Garden, Bronx.
- _____. (with W. R. Buck). Recent Literature on Hepatics -- 143. *The Bryologist* 99: 91-93.
- _____. (with W. R. Buck). Recent Literature on Hepatics -- 144. *The Bryologist* 99: 247-251.
- _____. (with W. R. Buck). Recent Literature on Hepatics -- 145. *The Bryologist* 99: 359-361.

- _____. (with P. K. Holmgren & J. A. Kallunki). A short description of the collections of the New York Botanical Garden Herbarium (NY). *Brittonia* 48: 285-296.
- _____. (with W. R. Buck). Recent Literature on Hepatics -- 146. *The Bryologist* 99: 474-477.
1997. *Cheilolejeunea* in Australia: Description of new taxa and key. *J. Hattori Bot. Lab.* 82: 321-328.
- _____. *Lejeunea bischlerae*, a new species of *Lejeunea* subgenus *Microlejeunea* from Australia. *Cryptogamie, Bryologie et Lichénologie. Cryptogamie, Bryol. Lichénol.* 18: 223-226.
- _____. (with W. R. Buck). Recent Literature on Hepatics -- 147. *The Bryologist* 100: 131-134.
- _____. (with W. R. Buck). Recent Literature on Hepatics -- 148. *The Bryologist* 100: 272-275.
- _____. (with W. R. Buck). Recent Literature on Hepatics -- 149. *The Bryologist* 100: 394-397.
- _____. (with W. R. Buck). Recent Literature on Hepatics -- 150. *The Bryologist* 100: 529-536.
1998. (with W. R. Buck). Recent Literature on Hepatics -- 151. *The Bryologist* 101:163-170.
- _____. (with W. R. Buck). Recent Literature on Hepatics -- 152. *The Bryologist* 101: 347-350.
- _____. (with W. R. Buck). Recent Literature on Hepatics -- 153. *The Bryologist* 101: 455-457.
- _____. (with W. R. Buck). Recent Literature on Hepatics -- 154. *The Bryologist* 101: 614-617.
1999. (with W. R. Buck). Recent Literature on Hepatics -- 155. *The Bryologist* 102: 153-156.
2000. (With Q. Wu & D. Pfister). Preservation and use of fungal herbarium specimens. In: *Measuring and Monitoring Biological Diversity: Standard Methods for Fungi.* Mueller, G. M., G. F. Bills, A. Y. Rossman, and M. S. Foster (eds.). (In press).