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Web sites: <http://ridgwaydb.mobot.org/bfna/bfnamenu.htm>

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EDUCATION:

B.A., Cum Laude, Greek and Latin Classics; Art History, State University of New York Center at Buffalo, 1981

Two-month workshop, Guild of Natural Science Illustrators, Smithsonian Institution, Washington, D.C., 1982

M.A. (project: Manual of Botanical Latin), State University of New York Center at Buffalo, 1984

CAREER:

Research Associate, Division of Botany, Buffalo Museum of Science, 1979–1985

Director, Moss Exchange of the American Bryological and Lichenological Society, 1981–1992

Associate Editor, *Clintonia* [Newsletter of the Niagara Frontier Botanical Society], 1984–1985

Collaborator, Department of Botany, Smithsonian Institution, 1985–1988

Research Fellow, Division of Botany, Buffalo Museum of Science, 1986–

Type Collections Manager, Clinton Herbarium, Buffalo Museum of Science, July–Dec. 1987, Sept. 1988–1990

Botanical Evaluation of Goat Island Complex, Niagara Falls, N.Y., New York State Office of Parks, Recreation and Historic Preservation, 1990; Flora of Navy Island, Ontario, Canada, 1999; Flora of Buckhorn Island State Park, Erie Co., N.Y., 1999

Editor, the Clinton Papers, Archives of the Research Library, Buffalo Society of Natural Sciences, 1990–

Translation of Latin descriptions of 82 new taxa of fungi for Dr. D. L. Largent, Humboldt State University, published in *Entomolomaceae of Western North America* (Mad River Press, 1994); Latin renderings of descriptions and diagnoses of new taxa for taxonomic botanists through the Museum of Science, Buffalo for Tottori Mycological Institute, Japan; Herbario Nacional, Mexico City, Mexico

Bryology consultant, heavy-metal mine effluents in wetland ecological systems project, Department of Plant, Soil and Insect Sciences, University of Wyoming, Laramie, 1991; Dry-Fork Energy Project, Sheridan County, Wyoming, Greystone Associates, 1992

Scientific Illustrator/Technical Editor, Flora of North Ameri-

ca Editorial Center for Bryophytes, Buffalo Museum of Science, vols. 27, 28, 29 of Flora of North America: Bryophyta, funded by the Biotic Resources and Surveys Program, National Science Foundation, 2000–2003

Research Scientist, Bryology Group, Missouri Botanical Garden, St. Louis, Mo., 2002–

MEMBERSHIP:

Niagara Frontier Botanical Society, founding member and treasurer, 1984–1985

National Fellow, The Explorer's Club, 1988–

American Bryological and Lichenological Society Fellow, Buffalo Society of Natural Sciences

Life Member, Rochester Academy of Science

MEDIUM:

Pen-and-ink

GROUP EXHIBITION(S):

Scientific Illustration of Bryophytes, State University of New York Center at Buffalo, Capen Hall, Buffalo, N.Y., 1981

Art in the Service of Science, National Guild of Scientific Illustrators juried exhibition, National Academy of Sciences, Washington, D.C., 1985

Niagara's Own, invitational design group exhibit, Kenan Center, Lockport, N.Y.; Occidental Petroleum Center, Niagara Falls, N.Y., 1985–1986

Exhibit of scientific illustration sponsored by the Biological Survey, New York State, New York Natural History Conference, 1990

ONE-PERSON EXHIBITION(S):

Exhibit of plates for R. H. Zander's Genera of the Pottiaceae, Buffalo Museum of Science, 1995

HONOR(S)/AWARD(S):

National Science Foundation Grant through Dr. Richard H. Zander to illustrate Genera of the Pottiaceae, 1984

Education Award for exhibit on Niagara Flora, 8th District Federated Garden Clubs of New York State, 1988

New York State Council on the Arts Collections Management Grant, Correlation of Clinton Herbarium Collections with Clinton Papers, 1996–1997

COMMISSIONS:

Buffalo Museum of Science, 113 plates of mosses funded by National Science Foundation

Numerous individual plates for research papers of various scientists worldwide

WORK REPRODUCED IN:

Logo design for stationery, Web site, and publications, Bryophyte Flora of North America, 1999.

Over two hundred figures drawn of bryophytes for other scientists and published in *Phytologia*; *Cryptogamie-Bryologie et Lichénologie*; *The Bryologist*; *Proceedings Koninklijke Nederlandse Akademie van Wetenschappen*; *Canadian Journal of Botany*; *Lindbergia*.

Zander, R. 1993. *Genera of the Pottiaceae: Mosses of Harsh Environments*. Buffalo, NY: Buffalo Society of Natural Sciences. Vol. 32. [P. 159, pl. 49 in exhibition*]

BIBLIOGRAPHY:

Crum, H. A., A. J. Sharp and P. M. Eckel, eds. 1994. *Moss Flora of Mexico*, New York Botanical Garden. 2 vols. New York. [Mem. New York Bot. Gard. 69.]

Eckel, P. M. January 1983. Did you wet your plants?

A note on the uses of Pohlstoffe in the preparation of herbarium specimens for illustration. *G.N.S.I. Newslett.* 1(7).

Eckel, P. M. 1989–1990. John Goldie in North America, Part I: Niagara Falls and the Theory of Evolution; Part II. Botanical and General Observations. *Clintonia* 4(5): 1-5; 5(1): 1–7.

Eckel, P. M. 1990. Latin bryophyte terminology. In: R. E. Magill, ed. *Glossarium Polyglottum Bryologiae*. Pp. 183–214. [Monogr. Syst. Bot. Missouri Bot. Gard. 33.]

Eckel, P. M. 1996. A synopsis of the mosses of Wyoming. *Great Basin Naturalist* 56(3): 197–204.

Eckel, P. M. 1997. A re-evaluation of *Tortella* (Pottiaceae, Musci) in conterminous U.S.A. and Canada. *Bull. Buffalo Soc. Nat. Sci.* 36: 117–191.

Eckel, P. M. 2001. MADCAPHORSE: A Revised Checklist of the Vascular Plants of the Niagara Frontier Region. Web site. Buffalo Museum of Science, Buffalo, N.Y. <http://ridgwaydb.mobot.org/resbot/flor/WNY-Niag/WNYCheck.htm>

Eckel, P. M. 2001. The Vascular Flora of the Vicinity of the Falls of Niagara. Web site. Buffalo Museum of Science, Buffalo, N.Y. <http://ridgwaydb.mobot.org/resbot/Flor/WNY-Niag/flora.htm>

Eckel, P. M. 2002. Botanical Evaluation of the Goat Island

Complex, Niagara Falls, New York. "Res Botanica" Web site. Missouri Botanical Garden.

<http://ridgwaydb.mobot.org/resbot>

Eckel, P. M., ed. 2003. The Botanical Journal of G. W. Clinton, 1862–1865. "Res Botanica" Web site. Missouri Botanical Garden. <http://ridgwaydb.mobot.org/resbot/Hist/Diary/1DiaryContents.htm>

Eckel, P. M. ed. 2003. Correspondence of G. W. Clinton, 1865–1878. "Res Botanica" Web site. Missouri Botanical Garden. <http://ridgwaydb.mobot.org/resbot/hist/Corr.htm>

Zander, R. and P. M. Eckel. 1999–2003. *Bellibarbula*, *Eucladium*, *Hyophila*, *Luisierella*, *Plaubelia*, *Rhexophyllum*, *Tuerckheimia*. Bryophyte Flora of North America, provisional publication: <http://ridgwaydb.mobot.org/bfna/bfnamenu.htm>

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Didymodon. 1–14. *D. rigidulus*. 15–22. *D. amblyophyllum*. 24–28. *D. bartramii*.*

Pen-and-ink 71 x 55.5 cm

Hunt Institute collection, gift from the artist