

CURRICULUM VITAE

Dr. GARRETT E. CROW, PhD

Professor Emeritus Botany
Director Emeritus, Hodgdon Herbarium
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Home Address: 4938 Maltese Ct NE
Belmont, MI49306

Born: December 11, 1942, Phoenix, Arizona, USA

Family: Wife - Charlyn Williams Crow
Children -Lindsay Allison Crow (b. 10 Aug. 1976)
Megan Joy Crow (b. 19 Dec. 1977)
Jason Aaron Crow (b. 24 Aug. 1981)

Education: High School
New Providence, New Jersey graduated 1961
Higher Education
B.A. Taylor University, 1965
M.S. Michigan State University, 1968
Ph. D. Michigan State University, 1974
M.S. Thesis: An Ecological, Floristic, and Phytogeographical Analysis of a Southern Michigan Bog.
Ph.D. Dissertation: A Revision of the North American Species of *Sagina* (Caryophyllaceae).

Professional Experience:
University of New Hampshire, 1972-2008 (career)
Professor of Botany; Director UNH Herbarium
Department Chairperson, Dept. of Plant Biology, 2001-2008
Calvin College, 2011-present
Volunteer Curator, Calvin College Herbarium
Spring Arbor University
Visiting Professor, Plant Taxonomy, fall 2011
Michigan State University, 2010-present
Visiting Adjunct Professor, Dept. Plant Biology, MSU Herbarium
Wheaton College Science Station, Black Hills, SD
Professor, Plant Taxonomy, summer 2010

Charles University, Prague, Czech Republic
Visiting Lecturer, October 2004
Instituto Nacional Biodiversidad (INBio), Costa Rica
Colaborador de botanica, 1999-2000; Sept.-Nov. 2006; Sept.-Oct. 2009
Universidad Nacional, Costa Rica
Fulbright Visiting Professor, 1999-2000
Visiting Professor during sabbatical leave, 1984
Michigan State University
Research Associate, 1974-75
Instructor, 1973-74
Graduate Assistant 1965-72
University of Montana (Biological Station)
Graduate Teaching Assistant, summers 1968, 1969
Au Sable Trails, Mancelona, Michigan
Assistant to the Director, summers 1965, 1966

Scholarships and Awards:

UNH Award for Excellence in International Engagement, 2000-2001
Fulbright Scholar (Costa Rica), 1999-2000
UNH Faculty Scholar Award, 1999-2000
New England Wild Flower Society Education Award, 1992
UNH Faculty Development Award, 1983, 1985, 1989
UNH Board of Trustees Faculty Merit Award, 1983
UNH Distinguished Faculty Award, 1982
UNH Board of Trustees Faculty Merit Award, 1979
U.S. Fish & Wildlife Service Award of Achievement, 1979
Michigan State University Graduate School Office Scholarship, 1972

Teaching Experience at UNH:

Principles of Biology II (BIOL 412)
International Perspectives (IA 401 International Affairs dual major)
Systematic Botany (PBIO 566)
Aquatic Plants (PBIO 747/847)
Plant Geography (PBIO 761/861)
Advanced Systematic Botany (PBIO 867)
Investigations in Systematic Botany (PBIO 795A/895A)
Recent Advances in Systematic Botany (PBIO 885A/886A)

Administrative Activities:

Chairperson, Dept. of Plant Biology (Jan. 2001-June 2006; Oct. 2007-May 2008)
Hodgdon Herbarium
Director and Curator of Vascular Plants (1975-2008)

- McDonnell, Mark J. 1979. The vascular flora of Plum Island, Essex County, Massachusetts, with an analysis of the impact of human trampling on the coastal dune vegetation. M.S. Thesis.
- Storks, Irene M. 1979. Rare and endangered vascular plant species in New Hampshire with special reference to the White Mountain National Forest. M.S. Thesis.
- Levesque, Christine M. 1980. Taxonomic implications of seed morphology of *Arenaria* and *Minuartia* (Caryophyllaceae) utilizing scanning electron microscopy. M.S. Thesis.
- Brackley, Frances E. The Orchidaceae of New Hampshire. M.S. Thesis.
- Philbrick, C. Thomas. 1982. Contributions to the reproductive biology of *Podostemum ceratophyllum* Michx. M.S. Thesis.
- Dunlop, Debra A. 1983. The flora and vegetation of a New Hampshire peat bog. M.S. Thesis.
- Shannon, Robynn K. 1985. Phenology and life history of *Petalonia fasciata* and *Scytosiphon lomentaria* (Scytosiphonales: Phaeophyta) in New Hampshire. M.S. Thesis. (joint advisor, A. C. Mathieson).
- Dunlop, Debra A. 1990. A biosystematic study of the Scirpinae group *Carex* (Cyperaceae). Ph.D. Dissertation.
- Caldwell, Fredricka A. 1990. The floristics and vegetation ecology of a fresh water tidal marsh on the Merrimack River, West Newbury, Massachusetts. M.S. Thesis.
- Weatherbee, Pamela B. 1990. The flora of Berkshire County, Massachusetts. M.S. Thesis.
- Weiss, Sandra J. 1992. The floristics and vegetation ecology of a coastal saltmarsh in New Hampshire. M.S. Thesis.
- Fahey, Linda L. 1993. The flora, vegetation, and phytogeography of two New Hampshire peatlands. M.S. Thesis.
- Padgett, Donald J. 1993. A comparison of created and natural wetlands of southeastern New Hampshire: flora and vegetation. M.S. Thesis.
- Williams, G. E. Mary. 1996. The flora and vegetation of Fortress Louisbourg Parks Canada [Cape Breton, Nova Scotia, Canada]. M.S. Thesis.
- Hellquist, C. Eric. 1996. A flora and analysis of the Bryophyte and Vascular Plant Communities of Little Dollar Lake Peatland, northern Michigan. M.S. Thesis.
- McCauley, Kathleen M. 1996. An analysis of the flora, vegetation and phytogeography of Platt Park, Southbury, Connecticut. M.S. Thesis.
- Padgett, Donald J. 1997. A biosystematic monograph of the genus *Najas* (Nymphaeaceae). Ph.D. Dissertation. University of New Hampshire. Durham, NH.
- Teeling, Leslie M. 1998. Floristic Diversity of the Hubbard Brook Experimental Watersheds. M.S. Thesis.
- Ritter, Nur P. 2000. Plant biodiversity and species richness in Bolivian aquatic ecosystems from the Andes to the Amazon basin. Ph.D. Dissertation (student completed degree under Dr. T. D. Lee).
- Teeling Adams, Leslie M. 2003. Floristic Diversity of Some Primary Old Growth Watersheds in New Hampshire, and a Comparison of Their Relative Diversity to the Hubbard Brook Experimental Forest Watersheds. Ph.D. dissertation.
- Jahr, Kassandra. 2003. A comparison of floristic biodiversity in varying-aged created wetlands in southeastern New Hampshire. M.S. Thesis.

Nazaire, M. 2005. A study of the vegetation and floristic diversity of two peatland complexes of post-settlement origin in Lake Umbagog National Wildlife Refuge, Coos County, New Hampshire. M. S. Thesis.

Bradley, Adam. The flora and vegetation of Timber Island, Lake Winnepesaukee, New Hampshire. M.S. Thesis.

Undergraduate Research /Undergraduate Senior Honors Theses:

Hellquist, C. Eric. 1994. A comparison of the plant biodiversity of Mud Pond Bog, Moultonborough, New Hampshire to four other North American peatlands. Senior thesis. University Honors Program. Department of Plant Biology, University of New Hampshire.

McCauley, Kathleen M. 1994. The vegetation of the Bermudas. Senior thesis. University Honors Program. Department of Plant Biology, University of New Hampshire.

Osgood, Katherine. 1995. Predicting potential habitat for the federally endangered orchid *Isotria medeoloides* by use of a Geographic Information System (GIS): field testing the model. Honors Major. Department of Plant Biology, University of New Hampshire.

Caughlin, Brook M. 1998. Medicinal plants used in San José de la Montaña, Barva, Heredia, Costa Rica. UNH International Research Opportunity Program. Biology Program, University of New Hampshire.

McAllister, Heath. 1998. Investigation of the plant diversity of the boreal forest (taiga) in the region of St. Petersburg, Russia, and the floristic similarities with New England. Russian Language Program/Plant Biology, University of New Hampshire.

Caughlin, Brook M. 2000. Medicinal plant usage in San José de la Montaña, Barva, Heredia, Costa Rica. University Honors Program. Biology Program, University of New Hampshire.

McAllister, Heath. 2000. Plant diversity in the boreal forest of the region of St. Petersburg, Russia. Senior Thesis. University Honors. University of New Hampshire.

Nazaire, Mare. 2002. Floristic and vegetation studies in the Lake Umbagog wetlands, Coos County, New Hampshire. Plant Biology Conrad Research Award. University of New Hampshire.

Kras, Lauren A. 2007. A study of the vegetation and floristic diversity of a peatland community in northern Michigan. Undergraduate Research Program. Au Sable Institute of Environmental Studies, Oshtemo, Michigan.

Travel:

North America

United States

Traveled widely, especially field work in northeast, se. US. and northwest.

Canada

Newfoundland (1972, 1979, 1982, 1985, 1996)

Gaspé Peninsula, Quebec, Ontario, Alberta, British Columbia

MesoAmerica

Costa Rica

Jan. 1984, planning trip for sabbatical

July-December 1984, sabbatical leave,

Visiting Professor, Universidad Nacional, Heredia (taught course on aquatic plants; conducted research on aquatic plants)

August 1987, field work on aquatic plants/UNA

October 1989, field work on aquatic plants/UNA

August 1990, field work Utricularia, aquatics/INBio

March 1996, field work, Podostemaceae, aquatics/INBio

Japan2013 visit with former exchange student

Middle East

Jordan, 2012 (Holy Land tour

Israel, 2012 (Holy Land tour)