

RICHARD PARADIS
Natural Areas Center
The Environmental Program
University of Vermont
153 South Prospect Street,
Burlington, Vermont 05405
(802) 656-4055 rparadis@uvm.edu

PROFESSIONAL EXPERIENCE

Director, University of Vermont Natural Areas Center, August 1995 to the present.

Lecturer, University of Vermont, Environmental Program, September 2001 to the present.

Natural Areas Manager, University of Vermont, Environmental Program, September 1985 –August 2011.

Land Protection Program Consultant, Sonoran Institute, Tucson, Arizona, January – June 1993.

Preserve Manager, The Nature Conservancy, September 1985 – June 1991.

Lake Monitoring Technician, Vermont Department of Environmental Conservation, May – September 1985.

Interpretive Services Planner, Green Mountain National Forest, September 1983 – February 1985.

Water Resources Area Manager, Vermont Department of Forests and Parks, May – October 1982.

Terrestrial Ecologist/Park Naturalist, Kittery, Maine Parks Department, September 1977 – July 1978.

EDUCATION

Ph.D. Union Institute and University – Environmental Studies, 2008.

M.S. University of Vermont, Burlington, Vermont – Natural Resources Planning, 1985.

B.S. University of New Hampshire, Durham, New Hampshire – Environmental Conservation, 1978.

RESEARCH FOCUS

Comparative landscape histories, inventories and assessments. Conservation biology and ecological restoration of alpine, montane, peatland and arid ecosystems. Natural areas conservation and stewardship. Selection, design and implementation of conservation reserve systems. Best management practices in land conservation. Adaptive management, monitoring, and planning strategies for biological diversity and habitat conservation. Visitor use management techniques and infrastructure development in sensitive ecosystems. Undergraduate and graduate education and professional development in land conservation and stewardship. Low-impact field research methods. Local, regional, national and international land conservation and stewardship models.

COURSE INSTRUCTION (undergraduate and graduate level courses at the University of Vermont in Environmental Studies, Natural Resources, and Global Studies, including several travel study courses)

Ecology, Ecosystems and Environment. Comparative Mountain Systems Ecology and Conservation: New England and the Highland of Scotland. Sonoran Desert Spring: The Ecology and Conservation of the American Southwest. Natural Areas Conservation and Stewardship. Introduction to Landscape Restoration. Landscape Natural History. Field Methods in Environmental Research. Research Methods. Intermediate Environmental Studies. Resource Conservation in Northern European Ecosystems: The Mountains and Minerals of Scotland. Selecting and Designing Land Conservation Projects. Ecology and Field Science in Land Conservation. Land Conservation: Strategies and Action. Identifying and Protecting Natural Areas through Local and Regional Land Use Planning. Regional Natural History courses (Lake Champlain Basin, Vermont, New England, American Southwest, Scottish Highlands). Arid Lands Ecology and Resource Management. Vermont Wilderness Seminar.

OTHER INSTRUCTIONAL EXPERIENCE

Green Mountain Club Summit Caretaker Program Orientation. Provided education and training for summer stewardship staff stationed on mountaintops in Vermont. 1988-present.

Conservation Biology Discussion Seminars, University of Vermont. Coordinated weekly graduate student seminars on a variety of conservation biology topics. 1995-2004.

Summer Land Conservation Program, University of Vermont. Offered short courses and professional development workshops on land conservation and stewardship. 1995-2001.

Land Stewardship Workshop, Land Trust Alliance Land Conservation Leadership Program. Weeklong workshops for land conservation professionals on the science and art of managing land and people. November 1998 in Manchester, Vermont and November 1999 in Cold Springs, New York.

External Degree Program, Johnson State College. Tutored several undergraduate students each year enrolled in National Parks and Wilderness Management. 1992-1995.

Vermont Conservation Summit, National Wildlife Federation. Offered short course on alpine ecology and conservation for summit participants in Vermont. Summers 1989-1990.

Guest Lecturer: University of Vermont, Johnson State College, Sterling College, Center for Northern Studies, Green Mountain College, Vermont Law School.

Numerous classroom visits and field trips for regional high school and grade school students.

Numerous field trips for a variety of regional and national conservation organizations, public agencies, businesses, and international groups of educators and environmentalists (from Honduras, Bhutan, Romania, Armenia, Quebec).

SELECTED PRESENTATIONS

Environmental Research Methods in a Changing Landscape. Association for Environmental Studies and Sciences Conference, Santa Clara University, Santa Clara, California, June 2012.

The Natural History and Conservation of the Highlands of Scotland. North Branch Nature Center Naturalist Journeys series, Unitarian Church, Montpelier, Vermont, February 2012.

Finding Cave of the Winds, Mount Mansfield, Vermont. New Hampshire Public Television Windows to the Wild series, January 2012.

Retooling an Interdisciplinary Environmental Studies Curriculum to Address Increasing Student Demands and Emerging Interests. Association for Environmental Studies and Sciences Conference, Lewis and Clark College, Portland, Oregon, June 2010.

Utilizing Institutional Lands for Advancing Place Pedagogy: The University of Vermont Natural Areas System. Association for Environmental Studies and Sciences Conference, Lewis and Clark College, Portland, Oregon, June 2010.

Hiking and Mountain Stewardship in the Scottish Highlands. James P. Taylor Lecture Series, Green Mountain Club, Waterbury, Vermont. April 2010.

40 Years of Successful Alpine Stewardship: The Mount Mansfield Summit Caretaker Program. 6th Northern Alpine Stewardship Gathering, Lake Placid, New York, May 2009.

Creating and Maintaining College Natural Area Systems. Northeastern Environmental Studies Programs Conference, Bread Loaf Campus, Middlebury College, Ripton, Vermont. October 2008

A Comparative Approach to Interpreting and Understanding Regional Landscapes: Northern New England and the Highlands of Scotland. The Rural Heritage Institute, Sterling College, Craftsbury Common, Vermont. June 2008.

Managing Access to the Hills: Stewardship in the Highlands of Scotland. 5th Northeastern Alpine Stewardship Gathering, Acadia National Park, Bar Harbor, Maine. June 2007.

Managing Visitors in Alpine Areas: Infrastructure Design and Communication Approaches. Workshop on issues related to use and maintenance of hiking trails above timberline on Mount Katahdin, Baxter State Park, Millinocket, Maine. June 2005.

Developing a Habitat Recovery Plan for Vermont Alpine Natural Communities. Society for Ecological Restoration 16th Annual International Conference, Victoria, British Columbia, Canada. August 2004.

A Comprehensive Program for the Management and Restoration of an Alpine Ecosystem in Vermont, USA. Society for Ecological Restoration 13th Annual International Conference, Niagara Falls, Ontario, Canada. October 2001.

Managing Local/Regional Visitor Expectations in Mountain Environments: The Mount Mansfield Experience. Human Use Management in Mountain Areas Conference, The Banff Center, Banff, Alberta, Canada. June 2001.

Alpine Conservation and Restoration in the Northeastern United States. University of Vermont Conservation Biology Seminar. October 2000.

Restoring and Managing Alpine Ecosystems in the Northeastern United States. Society for Ecological Restoration 12th Annual International Conference, Liverpool, England. September 2000.

Exotic Species: A Primer for Land Trusts and Conservation Planning. National Land Trust Rally, Savannah, Georgia. September 1997.

Alpine Biodiversity protection on Mount Mansfield. Vermont Monitoring Cooperative Annual Meeting, Burlington, Vermont. March 1997.

Introduction to Restoration Ecology: Principles and Practices. National Land Trust Rally, Burlington, Vermont. October 1996.

Mountaintops and Ridgeline Resource Issues. 53rd Annual Governor's Conference on Recreation, Montpelier, Vermont. October 1996.

Is Natural Areas Management an Oxymoron? University of Vermont Conservation Biology Seminar, January 1995.

Interdisciplinary Perspectives on Conservation Biology: A Faculty Panel. University of Vermont Conservation Biology Seminar. November 1994.

Current Issues in Winter Use in Alpine Areas. 2nd Northeastern Alpine Stewardship Gathering, Ravine Lodge, Warren, New Hampshire. June 1994.

Managing for the Effects of Visitor Use in High Elevation Natural Communities in Vermont. 19th Annual Natural Areas Conference, Bloomington, Indiana. October 1992.

Assessing Visitor Needs, Activities, and Behavior for Developing Programs to Protect Alpine Natural Areas In Vermont. 18th Annual natural Areas Conference, Estes Park, Colorado. October 1991.

The Environmental and Cultural Effects of Large-Scale Hydroelectric Development in the James Bay Region of Canada. Environmental Program Seminar, University of Vermont. October 1990.

A Sonoran Desert Spring: Natural History of the American Southwest. Annual Clarke Lecture, Unitarian Church, Montpelier, Vermont. February 1990

Developing and Supporting University Natural Areas Programs. 16th Annual Natural Areas Conference, Knoxville, Tennessee. October 1989.

SELECTED HOSTED CONFERENCES, SEMINARS, WORKSHOPS AND OTHER EVENTS

7th Northeastern Alpine Stewardship Gathering, Waterbury Center, Vermont, November 11-13, 2011.

Confronting Complexity. Association for Environmental Studies and Sciences Conference, University of Vermont. June 23-26, 2011.

Celebrating Vermont's Biological and Landscape Diversity: A Symposium, Shelburne Farms, Shelburne, Vermont May 10, 2008.

Recovery of Earth, Place, and Self: A Symposium on the Ethical and Social Dimensions of Landscape Restoration. University of Vermont, April 25-26, 2003

Vermont Wilderness Seminar Series: Emerging Issues and Challenges, University of Vermont, Fall Semester, 2002.

3rd Northeastern Alpine Stewardship Gathering, Waterbury Center, Vermont, June 22-23, 2001.

Exploring Wolf Recovery in the Northeast: A Panel Discussion on Scientific and Management Issues, University of Vermont, May 16, 2001.

Protected Areas Assessment Workshop, University of Vermont, September 26-28, 2000.

Vermont Bird Conference: The Important Bird Areas Program, University of Vermont, June 6, 2000.

Preserving Vermont's Natural Legacy: Exploring Biodiversity and Preparing for Future Conservation Challenges, Craftsbury Outdoor Center, Craftsbury, Vermont, October 28, 1999.

Sandplain Forest: Vermont's Most Endangered Natural Community, Camp Johnson, Colchester, Vermont, May 1, 1999.

Introduction to Ecological Restoration. Workshop presented to the Friends of the Horticultural Farm, Burlington, Vermont, February 16, 1999.

Lake Champlain Basin Wetland and Riparian Habitat Restoration Workshop, University of Vermont, March 20-21, 1998.

Vermont: A Special Place – The State of the State's Natural Areas, Shelburne Farms, Shelburne, Vermont, October 2, 1996.

Creating and Sustaining a Livable Landscape Seminar Series, University of Vermont, Spring 1995.

1st Northeastern Alpine Stewardship Gathering, Waterbury Center, Vermont, April 16-18, 1993.

SELECTED PUBLICATIONS

A Traverse of the Presidential Range with the Scottish Highlands on My Mind., in *Nature and Culture in the Northern Forest*, edited by Pavel Cenk. 2010, University of Iowa Press, Iowa City, Iowa.

Conservation and Changing Livelihoods in Scotland: A Comparative Study of Public, Private, and Community Arrangements, coauthored with Saleem Ali. Environmental Program Faculty Paper, #2007-1, University of Vermont.

Habitat Recovery Plan for Vermont Alpine Natural Communities. Prepared for the Vermont Nongame and Natural Heritage Program, July 2003.

Natural Community Classification System for Mount Mansfield, Vermont, coauthored with Eric Hazelton and Tammy Gilpatrick. Prepared for the Vermont Monitoring Cooperative, June 2002.

Managing Local/Regional Visitor Expectations in Mountain Environments: The Mount Mansfield Experience. Proceedings: Human Use Management in Mountain Areas Conference, Banff, Alberta, Canada, pp. 63-67, June 2001.

AWARDS, GRANTS AND CONTRACTS

University of Vermont Faculty Sustainability Fellowship. \$400. 2011-2012.

National Endowment of the Humanities Summer Institute Fellowship. *A Fierce Green Fire at 100: Aldo Leopold and the Roots of Environmental Ethics*. Prescott, Arizona. June 22-July 17, 2009. \$3,200.

Marvin B. Sussman Award for Dissertation Excellence. Union Institute and University. \$1,000. 2008.

Guy Waterman Alpine Steward Award. Waterman Fund. 2006.

Recovery Plan for Vermont's Alpine Natural Communities. \$3,000. Vermont Nongame and Natural Heritage Program. 2001.

University of Vermont Faculty Fellowship for Service Learning. \$1,000. 2001.

Phytosociological Investigations and Mapping of the Alpine Region of Mount Mansfield, Vermont. \$3,600. Vermont Monitoring Cooperative. 2000.

Mount Mansfield Visitor Center. \$10,000. To develop interpretive displays on alpine ecology and conservation. Private donors. 1994.

Colchester Bog Boardwalk. \$10,000. To design and construct a 300ft boardwalk for visitor use. Private donors. 1993.

Vermont Alpine Areas Assessment Project. \$7,000. 1991.

University of Vermont Instructional Incentive Grant. \$1,200. To design a course in ecological restoration. 1990.

Take Pride in America Award. National Park Service. 1988.

Daniel Pafunda Natural Areas Internship. \$5,000. Anonymous donor. 1987.

Green Mountain National Forest Interpretive Services Plan. \$8,000. USDA Forest Service. 1985.

PROFESSIONAL AND ORGANIZATIONAL MEMBERSHIPS

Natural Areas Association
Society for Ecological Restoration International
Society for Conservation Biology
Association for Environmental Studies and Sciences
Appalachian Mountain Club
Green Mountain Club
Land Trust Alliance

PROFESSIONAL COMMITTEES AND BOARDS

Vice President, Board of Directors, The Waterman Fund, 2008-2012, President, 2012-present.
President, Board of Directors, North Branch Nature Center, 2004-2012, Member, 2012-present.
Project Advisory Committee, Smuggler's Notch Scenic Highway, 1993-present.
Member, Conservation Commission, Middlesex, Vermont, 1999-2008.
Natural Areas Task Group, Chittenden County, Vermont Regional Planning Commission, 2001-2004.
Board of Directors, Vermont Institute of Natural Science, 2000-2004.
Conservation Education Committee, Society for Conservation Biology, 2000-2004.
Board Member, Central Vermont Audubon Society, 1991-1998.
Board Member, Vermont Wetlands Association, 1990-1993.
Forestry Committee, Merck Forest Foundation, 1990-1992.
Editorial Board, Natural Areas Journal, published by the Natural Areas Association, 1989-1996.
Steering Committee, Lake Champlain Biosphere Reserve, 1989-1992.
Planning Committee, Vermont Annual Conservation Celebrations, 1989-1991.
Field Management Committee, Natural Areas Association, 1988-1991.
Chair, Natural Areas Task Group, Vermont Recreation Plan, Department of Forests and Parks, 1988-1989.