

CURRICULUM VITAE

Lindsay C.N. Seward

PERSONAL DATA:

Date/Place of birth: 29 April 1976; New Haven, Connecticut U.S.A.
Marital Status: Unmarried
Home Address & Tel: P.O. Box 831, Milford, Maine 04461; (207) 827-3326

EDUCATION:

B.S. 1998 Wildlife Biology & Management Univ. of Rhode Island, Kingston, RI 08847
M.S. 2002 Zoology Univ. of Maine, Orono, ME 04461
Thesis title: The relationship between spring phytoplankton blooms, sea urchin spawning, and the winter-spring hydrography of selected sites in Maine

TEACHING POSITIONS:

Instructor. (Jan. 2002-present). Department of Wildlife Ecology, University of Maine. Courses taught include Ecology Laboratory, Wildlife Field Survey, Introduction to Wildlife Resources, Wildlife Field Trip, Wildlife Habitat Analysis Laboratory, Introduction to Wildlife Conservation (co-taught), and Winter Ecology (co-taught).

Teaching Assistant. Field Marine Ecology (BIO 306/475). Dept. of Biological Sciences, Univ. of Maine (Fall 2001). Assisted on field trips to local intertidal marine ecosystems, gave several lectures, supervised field-based research projects, led discussion groups, and discussed the natural history of various intertidal systems in the field. Supervisor: Dr. Robert L. Vadas.

Laboratory Instructor. Vascular Plant Taxonomy (BIO 464). Dept. of Biological Sciences, Univ. of Maine (Spring 2001). Taught two lab sections weekly for upper division course on vascular plant taxonomy and identification. Prepared and organized both laboratory and field components. Supervisors: Dr. Christopher Campbell and Dr. Alison Dibble.

Laboratory Instructor. Field Natural History of Maine (BIO 205). Dept. of Biological Sciences, Univ. of Maine (Fall 2000). Taught one lab section weekly for a field-based course on the natural history of Maine. Coordinated and directed field trips to representative local ecosystems. Supervisor: Dr. William Glanz.

Teaching Assistant. Field Marine Ecology (BIO 475). Dept. of Biological Sciences, Univ. of Maine (Fall 1998; 1999). Assisted on field trips and laboratory projects and gave several guest lectures. (*See above*). Supervisor: Dr. Robert L. Vadas.

RESEARCH POSITIONS:

Research Biologist: Dept. of Biological Sciences, Univ. of Maine (Summer 2003). Involved in several projects involving green sea urchins. Supervisor: Dr. Robert L. Vadas

Primary Investigator: Dept. of Biological Sciences, Univ. of Maine (January 1999 – December 2001). Designed, coordinated, and conducted M. S. thesis project. Determined sea urchin spawning patterns in the field and characterized the hydrography and phytoplankton of selected sites along the coast of Maine.

Research Assistant: Dept. of Biological Sciences, Univ. of Maine (September 1998 – September 2000). Organized and conducted sea urchin field studies, processed samples, and analyzed data. Involved in several on-going research projects on intertidal communities.

Research Assistant: Dept. of Natural Resources Science, University of Rhode Island (May 1998 – August 1998). Conducted fieldwork for a project investigating warbler ecology in forested wetlands. Daily fieldwork involved vegetation, surface water sampling, and point surveys. Supervised a work crew of four.

Research Volunteer: Dept. of Biological Sciences, Univ. of Rhode Island (September 1997– May 1998). Designed and conducted field investigations of an introduced red alga.

Research Volunteer: Army Corp of Engineers and Environmental Protection Agency. (September 1997). Involved in a salt marsh restoration project in southern Rhode Island.

Research Volunteer: Dept. of Natural Resources Science, Univ. of Rhode Island (September 1997 -November 1997). Involved in field investigations of salt-marsh songbirds and saw-whet owls.

Research Assistant: Department of Plant Biology and Pathology, Univ. of Maine (June 1997 – August 1997). Assisted lab and field-work for a project investigating the effects of harvesting an ecologically important brown alga and community dynamics in the rocky intertidal zone. Determined sea urchin fecundity and growth rates.

Research Assistant: Department of Resource and Environmental Economics, University of Rhode Island (March 1995 – November 1995). Coordinated focus groups for the National Estuarine Program, organized and analyzed data, and surveyed public for wildlife management project.

PUBLICATIONS:

Lawler, J., S. Campbell, A. Guerry, M. B. Kolozsvary, R. O'Connor, and L. C. N. Seward. 2002. The scope and treatment of threats in endangered species recovery plans. *Ecological Applications* 12: 663-667.

Seward, L. C. N., R. L. Vadas, B. Beal., & D.W. Townsend. 2001. Patterns of spawning in the green sea urchin, *Strongylocentrotus droebachiensis*, over a three year period in Maine. Abstract in *Gulf of Mexico Science* 19(2): 165.

Seward, L. C. N., R. L. Vadas, B. Beal., & D.W. Townsend. 2000. Environmental factors influencing spawning in the green sea urchin, *Strongylocentrotus droebachiensis*, in Maine, USA. IN Proceedings of the Workshop on the coordination of research on the green sea urchin in Atlantic Canada, Univ. of Moncton, New Brunswick, Canada.

Seward, L.C.N., R.L Vadas, and B.F. Beal. Spatial and interannual variation in green sea urchin (*Strongylocentrotus droebachiensis*) spawning and local hydrography in Maine, USA. (*In prep*). To be submitted to Marine Ecology Progress Series.

Seward, L.C.N. and R. L. Vadas. Environmental correlates of green sea urchin (*Strongylocentrotus droebachiensis*) spawning: effects of scale. *In Prep.* To be submitted to Journal of Experimental Marine Biology and Ecology.

Seward, L.C. N., R.L. Vadas, & D. W. Townsend. The winter-spring hydrography of selected sites in Maine over a 3 year period. *In Prep.* To be submitted to the Northeastern Naturalist.

UNIVERSITY SERVICE:

2002 – present Advisor, Student Chapter of The Wildlife Society, University of Maine
 2002 – present College of NFA Green Endowment Committee
 Dept. of Wildlife Ecology Scholarship Committee
 2001 Field trip leader, NSF-K-12 Graduate teaching program, University of Maine;
 Onward Program, University of Maine; Dendrology, University of Maine

PRESENTATIONS:

2001 North American Echinoderm Conference, Walpole, Maine
 2000 Northeast Algal Symposium, Coventry, Rhode Island
 2000 Workshop on the coordination of research on the green sea urchin in Atlantic Canada,
 Univ. of Moncton, New Brunswick, Canada
 2000 Maine sea urchin zone council meeting, Bucksport, Maine

ACADEMIC AWARDS & HONORS:

2001 Univ. of Maine. Dept. of Biol. Sciences, Outstanding Teaching Assistant of the Year
 2000 Northeast Algal Society Student Presenter Scholarship
 1999-2000 University of Maine Graduate Research Assistantship (UGRA Award)
 1994-1998 Centennial Scholar, University of Rhode Island
 1994-1998 Dean's List
 1997 New England Outdoor Writer's Association Award Nominee
 1997-2001 Phi Kappa Phi National Honor Society
 1996 Golden Key National Honor Society
 1994 Phi Eta Sigma National Honor Society

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

2000 – present Ecological Society of America
 2001 – present The Wildlife Society