

SEAN F. WERLE

CURRICULUM VITAE

EDUCATION

2004: Doctor of Philosophy, Organismic and Evolutionary Biology. University of Massachusetts, Amherst. Major advisor: Ben Normark

- Thesis title: The biology, ecology, and cytogenetics of the genus *Axarus* (Diptera: Chironomidae) in the Connecticut River.

2000: Master of Science, Entomology. University of Massachusetts, Amherst. Major Advisor: Patricia Vittum

- Thesis title: The temporal and spatial dynamics of the ant *Lasius neoniger* (Hymenoptera: Formicidae) in New England turfgrass.

1995: Bachelor of Science, Zoology. University of Rhode Island.

- Graduated with Distinction.

1993: Associate in Arts, Community College of Rhode Island.

- Graduated with Highest Honors.

PUBLICATIONS

- 2007. Asikainen, CA and SF Werle. **Accretion of ferromanganese nodules that form pavement in Second Connecticut Lake, New Hampshire.** Proceedings of the National Academy of Sciences. **104** (45): 17579-17581.
- 2007. Werle, SF, NA Johnson, ER Dumont and P Parasiewicz. **Ecological dissimilarity analysis: A simple method of demonstrating community-habitat correlations for frequency data.** Northeastern Naturalist **14** (3): 439-446.
- 2005. Werle SF. **Populations of a Connecticut River midge structured by geological history and downstream gene flow.** Chromosome Research **13** (1): 97-106.
- 2004. Werle SF, DG Smith and E Klekowski. **Life in crumbling clay: The biology of *Axarus* species (Diptera : Chironomidae) in the Connecticut River.** Northeastern Naturalist **11** (4): 443-458.
- 2004. Werle SF, E Klekowski and DG Smith. **Inversion polymorphism in a Connecticut River *Axarus* species (Diptera: Chironomidae): biometric effects of a triple inversion heterozygote.** Canadian Journal of Zoology **82** (1): 118-129.
- 2003. Smith DG, SF Werle and E Klekowski. **The anatomy and brooding biology of *Pottsiella erecta* (Potts, 1884) (Ectoprocta : Gymnolaemata : Ctenostomata), with an**

expanded diagnosis of the Pottiellidae. *Hydrobiologia* **490** (1-3): 135-145.

- 2002. Smith DG, SF Werle and E Klekowski. **The rapid colonization and emerging biology of *Cordylophora caspia* (Pallas, 1771) (Cnidaria : Clavidae) in the Connecticut River.** *Journal Of Freshwater Ecology* **17** (3): 423-430.

EXPERIENCE

- 1996-Present. Senior Environmental Scientist, Axarus Environmental Consulting, LLC, Montague, Massachusetts.
- 2004-Present. Adjunct Lecturer, Department of Biology, University of Massachusetts, Amherst.
- 2005-Present. Curator of Invertebrate Collections. University of Massachusetts, Amherst, Natural History Collections (Department of Biology).
- 2005-Present. Conservation Commissioner, Town of Montague, Massachusetts.
- 2004-2005. Post-doctoral Research Fellow: Northeast Instream Habitat Program, Department of Natural Resources Conservation, University of Massachusetts, Amherst.
- 1986-1990. Commercial and industrial electrical construction.
- 1982-1986. Electronic technician, United States Coast Guard.

COURSES TAUGHT

- 1996-2007 Instructor: Tropical Field Biology (BIOL-497h) Department of Biology, University of Massachusetts, Amherst.
- 1996-1999 Teaching Assistant: Biology of Aquatic Invertebrates (ENT-576 laboratory) Department of Entomology, University of Massachusetts, Amherst.
- 2002 Teaching Assistant: Plant Morphology (BIOL-504 laboratory) Department of Biology, University of Massachusetts, Amherst.
- 2003 Teaching Assistant: Genetics (BIOL-283) Department of Biology, University of Massachusetts, Amherst.
- 1999, 2000, 2002 Teaching Assistant: Introductory Animal Biology (BIOL-102 laboratory) Department of Biology, University of Massachusetts, Amherst.