

Christopher H. Wood

ISA Certified Arborist

Contact information

72 Heath St
Newton, NH 03858
978-473-2417
ravenswoodtree@gmail.com

Education

Master's of Science Degree. Jan. 2010
Major: Conservation Biology. Antioch University New England in Keene, NH.

Bachelor's of Science Degree. May 2003
Major: Forestry Conservation. Minor: Wildlife & Fisheries Conservation. University of Massachusetts, Amherst, MA

Associate's Degree. May 2000
Major: Arboriculture and Park Management, Stockbridge School of Agriculture, Amherst, MA

Work Experience

Owner/Manager. Ravenswood Tree and Landscape LLC. Newton, NH. March 2013-current.
Manages all components of a tree and landscape business. I have played numerous roles in the business throughout its duration and evolution as a business. Roles have included: lead climber, salesman, office manager, field staff trainer. Ravenswood Tree and Landscape LLC specializes in fine tree care specializing in tree preservation. The majority of the business focuses on structural pruning based work, risk mitigation to properties and tree selection and planting efforts.

Arboriculture Instructor. Essex Technical High School. Hathorne, MA. August 2017-June 2022
Taught arboriculture principles full time to high school students. Content included safety protocols, pruning and removal strategies, climbing, tree identification, planting and equipment operation. In addition, For the arboriculture department I coordinated student Co-op placement, advisory board meetings, purchasing and budget management.

Fisheries Technician. Massachusetts Division of Marine Fisheries. Gloucester, MA May 2010-2012
Involved with all components of the DMF rainbow smelt research project. This includes field and lab sampling, report writing, data entry/organization and any other logistical work with other research projects.

Teaching Assistant. Antioch University New England. Keene, NH Sept. 2008 to May 2009
Teaching assistant for two plant identification classes and one wildlife sampling class. Assisted professors with preparation, instruction, and organization of class material. Led field groups.

Maintenance Technician. The Trustees of Reservations. Manchester, MA June 2005 to Aug. 2007
Maintained nine properties totalling a thousand acres. Perform arboriculture duties throughout properties. One of my main focuses was to research and incorporate current wildlife habitat management principles into our land management decisions; another major focus was the large-scale removal of invasive plants on the properties.

Research Assistant. Archbold Biological Station. Lake Placid, FL Feb. – May 2005
Research assistant for a large plant inventory project in central Florida. Navigated to field sites using GPS and aerial maps and collected plant data. Entered and organized data in Excel.

Field Technician. University of Massachusetts, Amherst, MA June – Sep 2003
Inventoried woody and herbaceous vegetation in the oak scrublands on Martha's Vineyard. Located plots with aerial maps, GPS units and compass. Defined stand structure by strata, and recorded light levels. Surveyed for caterpillars of a rare moth species.

Teaching Assistant. University of Massachusetts, Amherst, MA Feb-May 2003
Assisted instructor in classroom teaching of woody plant identification. Led lab groups into the field focusing on field based identification features. Tutored students.

Independent Contractor. The Nature Conservancy. Sheffield, MA June – October 2002
Hired to gather baseline data for an invasive plant study. Supervised two field technicians for the study. Developed sampling design protocol, located and sampled all plots.

Research Assistant (two seasons). UMass, Amherst, MA June – August 2001 & 2002
Assisted on three plant ecology studies. Recorded photosynthesis measurements. Carried out all soil collection, processing and preparation of samples in the lab. Took leaf area readings and processed vegetation samples for dry weight measurements. Assisted with herbaceous and woody plant inventory of research plots. Surveyed for rare plant species.

Landscaper. The New England Bamboo Company. Rockport, MA June-August. 1998 & 2000
Worked with field crews, installing plantings, transplanting bamboo and carried out various maintenance tasks on various private residences and at the nursery.

Arborist intern. Forest Hills Cemetery. West Roxbury, MA May-August. 1999
Performed various tree care activities throughout the cemetery. Climbed and pruned trees. Aided bucket operator.

Volunteer Experiences

Intern/volunteer USGS-BRD Turners Falls, MA March 2008– Jan. 2010
Assisted Ecology lab with quarterly electrofishing samples in Whately, MA and Bar Harbor, ME. Netted fish, and collected habitat data. Processed mink scat samples for dietary content in the lab. Worked with large database.

Graduate student mentor. Antioch University, Keene, NH Sep. 2008-May 2009
Worked as an informal mentor with incoming Conservation Biology graduate students, offering them perspective on the graduate process, by discussing their research ideas with them, and offered strategies on how to approach their research.

Presentations and Publications:

Poster Presentation. A Historic View of the Anadromous Rainbow Smelt Populations and Fisheries in the Eastern U.S. 4th North American Rainbow Smelt Conference. Portland, ME. January 2011.

Master's Thesis. Ecology and Food Habits of the American Mink in Western, Massachusetts by Christopher H. Wood. Accepted Jan. 2010. Antioch University New England, Keene, NH.

Presentation. Ecology and Food Habits of the American Mink in Western, Ma at the Massachusetts Wildlife Trackers Conference in Leominster, MA. November, 2009.

Licenses/Certifications:

International Society of Arboriculture (ISA) Certified Arborist (# NE-7530A)

Massachusetts Pesticide Applicator's License. (AL#-0051347)

Completed ISA's Tree Risk Assessment course. (TRAQ)