



NBI Grant Recipients and Funded Projects (2005-2022)

Year	Grant Recipient(s)	Affiliation	Project Title	Grant Amount	Project Focus
2022	Kimberly Candelario	Boston University	Assessing Sediment Microbial Communities to Determine Their Role in Eelgrass Restoration Success in Nantucket Harbor	\$3,163.00	Marine Flora
2022	Caroline Collatos	Anderson Cabot Center for Ocean Life at the New England Aquarium & University of Massachusetts Boston, School for the Environment	Investigating Sandbar shark (<i>Carcharhinus plumbeus</i>) demographics, habitat use, and movement patterns around Nantucket, MA	\$2,400.00	Marine Fauna
2022	Joseph Elkinton	University of Massachusetts, Amherst	Documenting the Role of Enemy-release in the Recent Outbreaks of Fall Cankerworm on Nantucket Island	\$1,614.00	Invertebrates
2022	Skyler Kardell and Lily Morello	Connecticut College; Franklin & Marshall College	Song Diversity of Black-capped Chickadees on Tuckernuck Island	\$985.44	Birds
2022	Ryan Munnelly	Coonamessett Farm Foundation, Inc.	Ancient Peat Deposits on the Continental Shelf May Fuel Fisheries Production and Enhance Biodiversity	\$2,400.00	Marine Fauna
2022	Alice Palmer	University of Massachusetts Boston	Patterns of Genetic Diversity and Rhizosphere Composition in a Pioneer Saltmarsh Species	\$3,197.00	Estuaries

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2022	Allison Snow	University of Massachusetts, Amherst Biology Department	Prevalence of Ticks and Tick-borne Disease Agents at Sentinel Sites on Nantucket and Tuckernuck, MA - Year 3	\$1,031.00	Arthropods
2022	Xie Yingying	Purdue University	The Role of Phenology in Shaping Plant Invasion Under Climate Change at Nantucket Island	\$6,000.00 <i>(funded through a grant from the Osceola Foundation)</i>	Climate Change
2021	Kate Ruskin	University of Maine	Tidal Marsh Bird Abundance and Demographics Resurvey 2021	\$1,500.00	Birds
2021	Allison Snow	University of Massachusetts, Amherst Biology Department	Prevalence of Ticks and Tick-borne Disease Agents at Sentinel Sites on Nantucket and Tuckernuck, MA - Year 2	\$1,500.00	Arthropods
2020	Andrew David	Clarkson University	Molecular Taxonomy of Shell Boring Polychaete Worms from Commercially Important Shellfish on Nantucket	\$600.00	Marine Fauna
2020	Charley Eiseman and Julia Blyth	Freelance naturalists	Nantucket's Neglected Herbivorous Insects, Year Ten	\$916.40	Arthropods
2020	Allison Snow and Patrick Pearson	Ohio State University and UMass Amherst	Ticks and Lyme Disease: A Multi-year Surveillance Plan for Nantucket, Massachusetts	\$1,500.00	Arthropods
2020	Amanda Tokash-Peters and Stephanie Wood	University of Massachusetts, Boston	Building on Our Understanding of Microbial Diversity in Gray Seals on Great Point."	\$1,500.00	Marine Fauna
2020	Trish Weaver	Friends of the North Carolina Museum of Natural Sciences	Survey of the Crayfishes and Leeches of Nantucket, MA	\$1,010.00	Invertebrates

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2019	Catherine Colliton	University of Massachusetts Boston School for the Environment	Monitoring of Physical Habitat, Water Physical-Chemical Characteristics, and Biodiversity of Temporary Freshwater Pools (Vernal Pools) of Nantucket Island, Massachusetts	\$1,485.00	Freshwater Wetlands
2019	Charley Eiseman and Julia Blyth	Freelance naturalists	More Neglected Herbivorous Insects	\$920.00	Arthropods
2019	Valerie Hall and Chloe Coggins	Maria Mitchell Association	An Ecological Survey of Hither Creek to Determine the Suitability as a Shellfish Habitat	\$1,500.00	Marine Fauna
2019	Lucinda Zawadzki and Richard Veit	Oxford University Department of Zoology and College of Staten Island CUNY Biology Department	Vagrancy, Population Growth and Colonization of the Northwest Atlantic by Lesser Black-backed Gulls	\$1,500.00	Birds
2018	Steven Ballou, Jr. and Paige Murin	University of Memphis Department of Biological Sciences	Morphology, Ecology, and Population Genetics of <i>Lactuca hirsuta</i> (Asteraceae) on the Cape and Nantucket, Massachusetts with special consideration of <i>L. hirsuta var. sanguinea</i>	\$750.00	Flora
2018	Nicholas Block	Stonehill College	A Preliminary Inventory of the Leafhoppers (Cicadellidae) of Nantucket Island	\$1,248.00	Arthropods
2018	John R. Dobyns	University of Wisconsin- Oshkosh	A Search for Female Specimens of an Undescribed Spider Species in the Genus <i>Tiso</i>	\$414.16	Arthropods
2018	Charley Eiseman and Julia Blyth	Freelance naturalists	More Neglected Herbivorous Insects	\$1,056.00	Arthropods

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2018	Elizabeth Flaherty and Brandon Quinby	Perdue University	Determining the Prey Base of Burying Beetle Communities on Nantucket Island Using Stable Isotopes	\$1,000.00	Arthropods
2018	Stephen Rich and Patrick Pearson	University of Massachusetts at Amherst	<i>Borrelia burgdorferi</i> Prevalence and <i>ospC</i> Diversity on Cape Cod and Islands	\$1,500.00	Arthropods
2018	Tim Simmons	Simmons Stewardship and Conservation Ecology	A Survey of Macroscopic Beach Dependent Invertebrates and Comparison between Beaches Experiencing Different Levels of Motorized Recreation	\$926.00	Arthropods
2018	Greg Whitmore	Southern New Hampshire University	The Macroinvertebrate Freshwater Stream Fauna of Nantucket	\$650.00	Arthropods
2017	Steven Ballou, Jr.	University of Memphis Department of Biological Sciences	Distribution and Genetic Diversity of <i>Nabalus serpentarius</i> and its Common Congener, <i>N. trifoliolatus</i> (Asteraceae)	\$1,500.00	Flora
2017	Mary Carman	Woods Hole Oceanographic Institution Biology Department	Analysis of Tunicate Fouling on Eel Grass Habitat on Nantucket	\$197.00	Marine Fauna
2017	Zara Dowling	University of Massachusetts at Amherst	Habitat Use by Northern Long-eared Bats on Nantucket	\$664.00	Mammals
2017	Charley Eiseman and Julia Blyth	Freelance naturalists	More Neglected Herbivorous Insects	\$932.00	Arthropods
2017	Elizabeth Flaherty and Brandon Quinby	Perdue University	Evaluating the Carrion Base of Burring Beetle Communities on Nantucket Island Using Stable Isotopes	\$1,044.00	Arthropods

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2017	Neil Foley	Central Michigan University	Co-nesting and Landscape Ecology of Double-crested Cormorants on Nantucket Island, Massachusetts	\$483.00	Birds
2017	Matthew Souza	University of Massachusetts Boston Department of Biology	Crab Species Diversity in a Nantucket Harbor Seagrass Bed	\$568.00	Marine Fauna
2016	Mary Carman	Woods Hole Oceanographic Institution Biology Department	Biodiversity of the Tunicate Fauna at Nantucket and Muskeget Islands	\$1,079.00	Marine Fauna
2016	Zara Dowling	University of Massachusetts at Amherst Environmental Conservation Department	An Exploratory Study of Northern Long-eared Bats on Nantucket	\$460.00	Mammals
2016	Charley Eiseman and Julia Blyth	Freelance naturalists	Neglected Herbivorous Insects	\$830.00	Arthropods
2016	Annette Govindarajan	Woods Hole Oceanographic Institution Biology Department	The Distribution and Genetic Diversity of the Invasive Clinging Jellyfish <i>Gonionemus vertens</i> on Nantucket and Muskeget Islands	\$1,261.00	Marine Fauna
2016	Torrance Hanley	Northeastern University Marine Science Center	An Assessment of Wasting Disease Prevalence and Infection Intensity in Eelgrass Beds in Nantucket Harbor	\$1,300.00	Marine Flora
2016	Marc Hensel	University of Massachusetts Boston Department of Biology	The Effect of Nutrient Inputs on the Structure and Function of Nantucket Salt Marshes	\$500.00	Estuaries
2016	Elizabeth Kneiper	New England Botanical Club	The Lichens on Mature Hardwood Species in Squam Swamp and a Search for More Rock-colonizing Lichen Records for Nantucket	\$578.00	Non-vascular Flora

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2016	Adam Ramsey	University of Memphis Department of Biological Sciences	Continuing to assess the risk of Queen Anne's Lace (<i>Daucus carota</i>) on the pollination of Toothed White-top Aster on Nantucket Island, Massachusetts	\$706.00	Flora
2016	Kate Ruskin	University of Connecticut Department of Ecology and Evolutionary Biology	Extending the Avian Point Count Survey Protocol of the Saltmarsh Habitat and Avian Research Program (SHARP) to Tidal Marshes on Nantucket Island	\$438.00	Birds
2016	Richard R. Veit	College of Staten Island CUNY Biology Department	Diet and Dispersal of Great Black-backed and Herring Gulls Nesting on Tuckernuck and Muskeget Islands, MA	\$1,364.00	Birds
2015	Bryan Connolly	Framingham State University Department of Biology	A Cooperative Update of the Vascular Flora of Nantucket	\$911.00	Flora
2015	Zara Dowling	University of Massachusetts Amherst Environmental Conservation Department	A Bat Acoustic Survey for Nantucket	\$930.00	Mammals
2015	Charley Eiseman	Freelance naturalist	Galls and Leaf Mines of Nantucket	\$830.00	Arthropods
2015	Marc Hensel	University of Massachusetts Boston Department of Biology	How do Cross-ecosystem Interactions Affect Nantucket Salt Marsh Food Web Structure, Creek Bank Erosion and Ecosystem Functioning?	\$1,325.00	Estuaries
2015	Andrew McCandless	Portland State University Earth, Environment, and Society Program	Investigating Mooring Impacts on <i>Zostera marina</i> Meadows and Associated Epifauna in Nantucket, MA	\$249.00	Marine Flora

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2015	Adam Ramsey	University of Memphis Department of Biological Sciences	Assessing the Risk of Queen Anne's lace (<i>Daucus carota</i>) on Native Pollination Strategies on Nantucket Island	\$804.00	Flora
2015	Scott Smyers	Oxbow Associates, Inc. Acton, MA	Snake Survey 2015: Nantucket and Tuckernuck	\$600.00	Amphibians & Reptiles
2014	Liz Baldwin and Luanne Johnson	BiodiversityWorks	A Survey for River Otters on Nantucket	\$610.00	Mammals
2014	Charley Eiseman	Freelance naturalist	Galls and Leaf Mines of Nantucket	\$935.00	Arthropods
2014	C. Roberta Lombardi and William Clement	University of Massachusetts Amherst Biology Department Herbarium	Using Ground-Penetrating Radar to Map Buried Trunks of Prostrate-Growing Eastern Red Cedar Trees on Coskata/Coatue Wildlife Refuge	\$1,063.00	Flora
2014	Pia Moisander	University of Massachusetts Dartmouth Department of Biology	Genomic Characterization of Filamentous Cyanobacteria on Nantucket Beaches	\$1,473.19 <i>(co-funded with Nantucket Shellfish Association)</i>	Bacteria
2014	Scott Smyers	Oxbow Associates, Inc. Acton, MA	Snake Survey 2014: Nantucket and Tuckernuck	\$570.00	Amphibians & Reptiles
2014	Robert Stevenson	University of Massachusetts Boston Department of Biology	<i>Lasius cf. niger</i> , a New Invasive Ant Species of Nantucket Archipelago?	\$1,445.00	Arthropods
2013	Barbara Brennessel and Lindsay Petrenchik	Wheaton College, Norton, MA	Fine Scale Population Genetic Structure of the Spotted Turtle	\$1,259.00	Amphibians & Reptiles
2013	Charley Eiseman	Freelance naturalist	Galls and Leaf Mines of Nantucket	\$685.00	Arthropods

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2013	Robert Stevenson	University of Massachusetts Boston Department of Biology	A Survey of the Ants of Tuckernuck and Muskeget Islands	\$1,468.00	Arthropods
2012	Julia Blyth and Eric LoPresti	Maria Mitchell Association	Dragonfly and Damselfly Populations on Nantucket Island	\$300.00	Arthropods
2012	Charley Eiseman	Freelance naturalist	Sign-based Survey of Nantucket's Insect Fauna	\$784.00	Arthropods
2012	Jennifer Forman Orth	Mass. Dept. of Agricultural Resources	Moth Mania- A Citizen Scientist Survey of the Moths of Nantucket	\$1,270.00	Arthropods
2012	Kirsten Martin	University of Central Florida	Disturbance-based Management in a Changing World: Plant Species Diversity in Massachusetts Sandplain Grasslands and Heathlands over the Past Two Decades	\$1,478.00	Flora
2012	Pamela Polloni	Marine Biological Lab/Woods Hole Oceanographic Institution Library Herbarium	Coatue Wyer's Point Biodiversity Plot Botanical Survey	\$600.00	Flora
2012	Scott Smyers	Oxbow Associates, Inc. Acton, MA	Snake Survey 2012: Nantucket and Tuckernuck	\$420.00	Amphibians & Reptiles
2012	Tomáš Závada	University of Massachusetts Boston Department of Biology	Population Genetics of Spotted Knapweed, an Invasive Plant Species on Nantucket Island	\$1,200.00	Invasive Flora
2011	Gretchen Addington	Clemson University Clemson, South Carolina	The Role of Arbuscular Mycorrhizal Fungi in Sandplain Grassland Management on Nantucket Island, Massachusetts	\$1,200.00	Fungi
2011	Charley Eiseman	Freelance naturalist	Sign-based Survey of Nantucket's Insect Fauna	\$500.00	Arthropods

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2011	Pia Moisander	University of Massachusetts Dartmouth Department of Biology	Diversity of Toxin Producing Cyanobacteria on Nantucket Island	\$1,500.00	Bacteria
2011	Scott Smyers	Oxbow Associates, Inc. Acton, MA	Snake Survey 2011: Nantucket and Tuckernuck	\$750.00	Amphibians & Reptiles
2011	Richard R. Veit	College of Staten Island CUNY Biology Department	Migrating Bats at Tuckernuck Island, Nantucket, Massachusetts	\$1,103.00	Mammals
2010	Joshua Atwood	University of Rhode Island	Adaptations in Competitive Traits in Invasive Nonnative Plant Species: A test of the ERCA Hypothesis using New England Islands	\$1,470.00	Invasive Flora
2010	Steve Dinkelacker and Scott Smyers	Framingham State College	Determination of life history traits and local adaptations of Garter Snakes (<i>Thamnophis sirtalis</i>) from Nantucket, Massachusetts: use of a captive breeding colony to compare insular and mainland populations	\$1,500.00	Amphibians & Reptiles
2010	Andrew Mckenna-Foster	Maria Mitchell Association	A Proposal to Create a Checklist of Harvestmen for Nantucket, Tuckernuck and Muskeget Islands (Arachnida: Opiliones)	\$250.00	Arthropods
2010	Scott Smyers	Oxbow Associates, Inc. Acton, MA	Snake Survey 2010	\$970.00	Amphibians & Reptiles
2009	Joshua Atwood	University of Rhode Island	Adaptations in Competitive Traits in Invasive Nonnative Plant Species: A test of the ERCA Hypothesis using New England Islands	\$1,450.00	Invasive Flora

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2009	Andrew Mckenna-Foster and Michael Draney	Maria Mitchell Association and University of Wisconsin-Green Bay Department of Natural and Applied Sciences	A Proposal to Test the Rapid Assessment Protocol for Spiders and Millipedes in Nantucket Sandplain Grassland and Coastal Heathland	\$150.00	Arthropods
2009	Andrew Mckenna-Foster, Cheryl Beaton and Lawrence Millman	Maria Mitchell Association and University of Wisconsin-Green Bay Department of Natural and Applied Sciences	An Investigation into the Headless Millipedes on Tuckernuck Island, Massachusetts	\$300.00	Arthropods
2009	Scott Smyers	Oxbow Associates, Inc. Acton, MA	Amphibian Monitoring Project: Measuring Amphibian Breeding Effort Using Recording Devices in Remote Locations; Station # 1: Nantucket, Massachusetts	\$1,250.00	Amphibians & Reptiles
2009	Scott Smyers	Oxbow Associates, Inc. Acton, MA	Snake Survey 2009	\$1,150.00	Amphibians & Reptiles
2008	Andrew Mckenna-Foster and Cheryl Beaton	Maria Mitchell Association	A Proposal to Study Purseweb Spiders and Black Widows: Do Nantucket and Tuckernuck both have unique populations?	\$1,500.00	Arthropods
2008	Andrew Mckenna-Foster	Maria Mitchell Association	A Proposal to Study the Earthworm Species Assemblage on Nantucket and Tuckernuck: Native or Exotic?	\$300.00	Invertebrates
2008	Scott Smyers	Oxbow Associates, Inc. Acton, MA	Terrestrial Invertebrate Sorting and Distribution to Taxonomic Experts for Identification	\$300.00	Invertebrates
2008	Scott Smyers	Oxbow Associates, Inc. Acton, MA	Snake Survey 2008: Nantucket, Massachusetts	\$1,400.00	Amphibians & Reptiles

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2007	Taber Allison, Aaron Ellison, Nicholas Gotelli and Stefan Cover	Massachusetts Audubon Society, Harvard Forest, Harvard University Department of Comparative Zoology and University of Vermont	A Proposal to Inventory the Ants of Nantucket	\$1,000.00	Arthropods
2007	Andrew Mckenna-Foster and Cheryl Beaton	Maria Mitchell Association	Continuation of the Biodiversity Inventory of the Spiders of Nantucket with a Focus on the Sandplain Grassland Habitat and the Distribution of a Native Tarantula	\$1,200.00	Arthropods
2007	Norton Miller	New York State Museum Institute	Nantucket Bryophytes: Toward a Modern Species Checklist	\$1,300.00	Non- vascular Flora
2007	Scott Smyers	Oxbow Associates, Inc. Acton, MA	Snake Survey 2007: Nantucket, Massachusetts	\$1,200.00	Amphibians & Reptiles
2007	Scott Smyers	Oxbow Associates, Inc. Acton, MA	Ant Identification and Collection Preparation: Nantucket, Massachusetts	\$300.00	Arthropods
2006	Elizabeth Kneiper	New England Botanical Club	Lichen Diversity in the Scrub Oak and Pitch Pine Communities, the Maritime Red Cedar Forests, the Coastal Heathland Habitats and the Coastal Sand Dunes of Nantucket Island	\$1,000.00	Non- vascular Flora
2006	Andrew Mckenna-Foster and Cheryl Beaton	Maria Mitchell Association	Biodiversity Inventory of the Spiders of Nantucket and Development of an Electronic Field Guide (EFG) to the Spiders of Nantucket	\$1,120.00	Arthropods

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2006	Sean Murphy	College of Staten Island CUNY Biology Department	Dispersal and Population Dynamics of the American Oystercatcher on Tuckernuck Island, Massachusetts	\$500.00	Birds
2005	Lawrence Millman	University of Wisconsin-Green Bay Department of Natural and Applied Sciences	Inventory of Nantucket Macrofungi	\$2,250.00	Fungi
2005	Aaron Weed	University of Rhode Island	Comparison of Aboveground Arthropod Diversity within Pitch Pine and Scrub Oak Barrens Habitats on Nantucket Island with Emphasis on the Beetle Fauna	\$2,500.00	Arthropods