

SAT MORNING	SATURDAY APRIL 20, 2024			
8:10-9:20	Concurrent Sessions - Morning I			
	Room A	Room B	Room C	Room D
	Wetland Botany and Plant Ecology	Paleontology and Paleoecology of Eastern North America I: Trilobites, Eurypterids, and Brachiopods	Bioacoustics of Freshwater Habitats & Species	Insect Ecology and Conservation I
Moderator	Rachel Schultz	Fred Rogers	Kristi Hannam	Carmen Greenwood
8:10-8:15	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
8:15-8:35	Adelia Baker Wetland-Restoration Impacts on Wet-Meadow Ecology in Lake Ontario Coastal Wetlands	Melanie Hopkins Unravelling Parallel Conceptions of the Ordovician Trilobite <i>Flexicalymene senaria</i> (Conrad, 1841)	Micah Hosley Exploring the Bioacoustics of Freshwater Ponds	Carmen Greenwood Bringing the American Burying Beetle Back to New York
8:35-8:55	Robert Wernerehl Plant Species of Acidic Graminoid Fens for Cranberry Bog Restorations in Massachusetts	Russell Bicknell The Oldest Record of Sea Scorpion Muscles Preserved in the Late Ordovician Beecher's Trilobite Beds (New York State)	Alex Thompson Acoustic Monitoring of Anurans in a Suburban Forest Area	John Pipino Fate of Carrion: Competition for Reproductive Resources of Nicrophorus Beetles in New York Forests
8:55-9:15	Lindsey Pett <i>Sarracenia purpurea</i> Phytotelmata Algal and Cyanobacteria Composition in United States	Tzevi Aho Paleoecology of Brachiopod Shell Hashes in the Middle Devonian Mt. Marion Formation of Eastern New York State	Kristina Hannam Traffic Impacts on Green Frog Calling Behavior	Eryl Bevan Host Shifting, Host-Plant Phenology, and Speciation in the <i>Enchenopa binotata</i> (Insecta) Complex
9:15-9:20	Q & A	Q & A	Q & A	Q & A

10:10-12:00	Saturday Concurrent Sessions - Morning II			
	Room A	Room B	Room C	Room D
	Species Spotlights in Botany	Paleontology and Paleoecology of Eastern North America II: Morphology Matters	Nightjar Ecology and Monitoring in the Northeast	Understanding and Addressing the Combined Ecological Threats of Invasive Species and Climate Change
Moderator	Steve Young	Fred Rogers	Jacob Straub	Eva Colberg
10:10-10:15	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
10:15-10:35	Danilo Fernando The Hart's-Tongue Complex: Molecular Systematics, Phylogenetic History and Biogeography	Maxwell Candlen The <i>Podokesaurus</i> Project: Rediscovering Holyoke's Swift-Footed Lizard	Alison Schroeder Nightjar Nest Site-Selection Characteristics and Survival on a Military Installation	Eva Colberg Invasive Species Management in a Changing Climate: Challenges and Solutions from the Northeast
10:35-10:55	Peter Foley Leedy's Roseroot Propagation, Experimental Reintroduction, and Options for Monitoring	Lisa Amati When Morphology Matters: The Complicated Cladistics of Extinct Groups	Asch McDonnell Breeding Season Nest Ecology for Eastern Whip-poor-wills in Northern New York	Matthew Fertakos Assembling a Database of Climate-Smart Native Plants for the Home Gardener
10:55-11:15	Clay Gibbons American Beachgrass Reproductive Phenology, Genetics and Fungal Associations	Fred Rogers Open Discussion for Paleontologists and Biologists: Morphology in Cladistic Analyses of Fossil Taxa and of Extant Taxa	Neil Gifford Eastern Whip-poor-will and Ecosystem Health in an Inland Pitch Pine-Scrub Oak Barrens	Thomas Nuhfer Risky or Resilient? Traits for Restoration and Relocation of Range-shifting Plants
11:15-11:35	Justine Weber Long-term Monitoring After Management: 15-year Response of a Rare Plant to Experimental Canopy Gaps in a Forested Fen		Pamela Hunt Developing a Monitoring Protocol for the Eastern Whip-poor-will in New Hampshire and the Northeast	Ayodele O'Uhuru Identifying New Invasives in the Face of Climate Change: A Focus on Sleeper Species
11:35-11:55	Steve Young A Year in the Life of Skunk Cabbage (<i>Symplocarpus foetidus</i> , Araceae)		Matthew Palumbo Nightjar Monitoring in New York and the Atlantic Flyway	William Pfadenhauer A Review of Climate Change Impacts on Biocontrol Agents and their Hosts
11:55-12:00	Q & A		Q & A	Q & A

SATURDAY AFTER LUNCH	SATURDAY APRIL 20, 2024			
1:30–3:00	Concurrent Sessions - Afternoon I			
	Room A	Room B	Room C	Room D
	Updates in Northeastern Flora I	Frontiers in Marine Invertebrate Digitization I	Conservation of Fungi in the Northeast	Invasive Species and Biodiversity Conservation I
Moderator	Kyle Webster	Liz Shea	Rick Van de Poll	Mitchell O'Neill
1:30–1:35	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
1:35–1:55	Donald McClelland Simon's Rock Herbarium, a "New" Herbarium for the Northeastern US and Montserrat, West Indies	Katie Pearson Leveraging Digitized (Marine) Specimen Data in Public Data Portals	Hannah Huber Fungal Diversity Survey (FunDiS) and its Role in Conserving Fungi Nationwide	Adam Graziano Quantifying the Effects of Japanese Knotweed Allelopathy on Growth of Native Plants
1:55–2:15	David Werrier Stories Behind the Updates: A Continued Accounting of the Vascular Flora of New York State	Michelle Tang Archiving Fieldwork for the Future: Sharing Your Research with Museum Collections	Jess Rubin & Dave Muska The Vermont Fungal Scientific Advisory Group (FSAG)	Colleen Lutz Impact of Knotweed Species and Land Use On Drift-Insect Diversity in the Housatonic River in Southeastern Massachusetts and Northwestern Connecticut
2:15–2:35	Robert Naczi Progress Report on <i>New Manual of Vascular Plants of Northeastern United States and Adjacent Canada</i>	José Leal Frontiers in Imaging of Specimens in Mollusk Collections	Rick Van de Poll The Rare Northeast Fungi Challenge: Results of a Three-Year Effort	Ashley Morris Northern Snakehead (<i>Channa argus</i>) in New York Waterbodies: Threats and Management
2:35–2:55	Kate Samra Floristics as a Tool for Managing Invasive Species: Case Studies From the <i>New Manual</i>	Gary Rosenberg Live-Dead Distinctions and Why They are Important	Rick Van de Poll Panel Discussion: Conserving Fungi in the Northeast—Where Do We Go From Here?	David Decker Adapting Invasive Species Management Strategies Due to Sea Level Rise on the Hudson River
2:55–3:00	Q & A	Q & A	Q & A	Q & A

4:00–5:30	Saturday Concurrent Sessions - Afternoon II			
	Room A	Room B	Room C	Room D
	Terrestrial Botany and Plant Ecology	Frontiers in Marine Invertebrate Digitization II	Bird Ecology and Behavior	Invasive Species and Biodiversity Conservation II
Moderator	Jack Tessier	Gary Rosenberg	Pamela Hunt	Mitchell O'Neill
4:00–4:05	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
4:05–4:25	Jack Tessier Simulated Herbivory Decreases Frond Size and Number in <i>Dryopteris intermedia</i>	Tom French Digitizing Allows Micro-shell Citizen Science	Keyleigh Filkins American Woodcock (<i>Scolopax minor</i>) Resource Selection in New York State	Christopher Bloch Demographics of the Asian Shore Crab in Southern New England: A Preliminary Assessment
4:25–4:45	Eddie Watkins Ecology and Ecophysiology of <i>Dryopteris</i> Hybrids	John D'Angelo Marine Georeferencing: Challenges and Lessons Learned	Finley O'Connor The Birds Don't Have Newcomb's: Vegetation Structure and Nesting Density on Maine Islands	Matthew Schlessinger Comparative Biodiversity of Plum and Fishers Islands
4:45–5:05	Mary Douglas Soil Fungi Drive the Positive Relationship Between Historical and Future Evenness in Old-Field Plant Communities	Nelson Rios Advances in Georeferencing Technologies to Support Marine Invertebrate Digitization	Kaiti Hall How to Share a Rock with a Gull: Determining Researchers' Impact on the Fledging Success of Herring Gulls on Mount Desert Rock	Abigail Marino Biodiversity and Invasive Species on Long Island
5:05–5:25	Robert Wernerehl Sandplain Grasslands of the Northeast, A Quick Tour, And Guide to the Sandplain Grassland Network	Elizabeth Shea The Extended Invertebrate: Digitizing Novel Traits Expands Research and Education Possibilities	Luke Tyrell Bird Binocularity: More Than Meets the Eye	Mitchell O'Neill Panel Discussion on Conserving Biodiversity Through Invasive Species Management
5:25–5:30	Q & A	Q & A	Q & A	Q & A

SUNDAY MORNING	SUNDAY APRIL 21, 2024			
8:10-9:20	Concurrent Sessions - Morning I			
	Room A	Room B	Room C	Room D
	Unsung Invertebrates: Diverse Communities in the Leaf Litter	Using Local Field Resources and the Scientific Method to Teach Natural History	Dynamics of Northeastern Interior Pine Barrens	Insect Ecology and Conservation II
Moderator	Rebecca Pinder	Brett Huggett	Neil Gifford	Carmen Greenwood
8:10-8:15	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
8:15-8:35	Marla Coppolino Land Snails of an Ecologically Rare Alvar Preserve	Terryanne Maenza-Gmelch Discovering an Urban River: Connecting to Place While Learning Ecology in an Undergraduate Lab Course	Meghan Bargabos Buck Wild: Wildlife Habitat Suitability Across a Chronosequence of Wildfire-Origin Stands at a Jack Pine Barrens	Rachel Bonoan Effect of Decreased Snowfall During an Atypical Winter on a Rare Butterfly's Host Plant
8:35-8:55	Rebecca Pinder Earthworm Community Changes Over 17 Years Along Riparian Habitats	Brett Huggett Teaching Plant Biology in a Curriculum Focused on Course-based Undergraduate Research Experiences	Caley Doell A Bird's Eye View: Avian Community Differences Across Forest Type, Age, and Time in a Disturbed Pine Barrens	Elizabeth Crisfield, Rick Van de Poll, and Mark Mello Nocturnal Moths in Xeric Habitats in the Northeast
8:55-9:15	Timothy McCay Movement Behavior, Isotopic Niche and Population Dynamics of Invasive Jumping Worms in Northeastern Forests	Declan McCabe Site-specific Field Guides for the Classroom: Use of Wiki Templates to Customize	Neil Gifford Scrub Oak Management in an Inland Pitch Pine-Scrub Oak Barren	Max McCarthy Lessons in Beewatching: Making Insects Watchable Wildlife
9:15-9:20	Q & A	Q & A	Q & A	Q & A

10:10–12:00				
Concurrent Sessions - Sunday Morning II				
	Room A	Room B	Room C	Room D
	Urbanization and Wildlife Behavior	Partnering with Education to Further Invasive Species Research	Wilderness at Work: Science on Northeast Wilderness Trust Preserves	Updates in Northeastern Flora II
Moderator	Dan Bogan	Brian Hoven	Shelby Perry	Kyle Webster
10:10–10:15	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
10:15–10:35	Dan Bogan Wildlife Acclimation to Urban Environments: Comparing Evolutionary and Management Frameworks	Maura Sullivan Muller Field Station Internship Program: Contributing Outreach, Monitoring, and Management to Regional Invasive Projects	Rick Van de Poll Long-term Monitoring of Fungi on Forever-Wild Conservation Land	Eric Karlin The <i>Sphagnum</i> species of New England, New Jersey, and New York
10:35–10:55	Samantha Sawyer Monitoring of Wildlife and Scavenging Behaviors in Recreationally Used Nature Reserves in the Greater Boston Area	Tim Mihuc Plankton in Lake Champlain: Invasive Species Impacts (aka the Adventures of Captain Fishhook Waterflea and Others)	Jason Hill Lessons from Mountain Birdwatch: Strategies to Improve the Collection and Analysis of Wildlife-monitoring Data from Remote Locations	James Lendemer Reconstructing the First New York City Lichen Baseline from 1823
10:55–11:15	Charles Brill Effects of Human Habituation on Eastern Gray Squirrel Predator Response Behaviors	Jennifer Dean Creating an Invasive Species Curriculum for Middle and High School Science Classes	Luke McNally The Where, What, and Why of Stream Crossings	Lydia Paradiso The Past, Present, and Future of New York City's Spontaneous Flora
11:15–11:35	Ted Grabarz A Habitat-Quality Stress Index for the American Crow from a Matrix of Land-cover Characteristics	Rachel Schultz Lessons from the Restoration of Braddock Bay on Lake Ontario Under Varying Water Levels	Kathleen Savage Howland Research Forest, ME: How Conservation has Supported Long-term Research	Robert Wernerehl New and Interesting Rare Plant Discoveries in Massachusetts in 2023
11:35–11:55	Todd Rimkus The Lucasville Pond Renovation Project and the Effect on the Local Turtles and Other Inhabitants	Brian Hoven Panel Discussion: Partnering with Education to Further Invasive Species Research	Eric Bailey and Shelby Perry Wildlands Ecology in Action	Kelly Omand and Chase Mathey Updating the Flora of Nantucket: An Island Exploration
11:55–12:00	Q & A	Q & A	Q & A	Q & A

SUNDAY AFTER LUNCH	SUNDAY APRIL 21, 2024
	Sunday Afternoon I
1:30–3:00	<p style="text-align: center;">Plenary Session - Room D Watching Wild bees in the Anthropocene</p> <p style="text-align: center;">with Nick Doran, ecologist, educator, and naturalist</p> <p>New England is home to an enchanting diversity of wild bees. In recent years, these important pollinators have vaulted into the spotlight as conservation priorities. Yet, even the most well-intentioned conservation efforts are hampered by large gaps in our understanding of the natural history of wild bees. In this plenary, Dr. Nick Dorian will address the past, present, and future of wild bees in New England. We will examine what past observations can teach us about how bee populations are faring today, and what observations today can teach us about resilience of bees under future environmental change. Looking forward, building natural history knowledge for bees—as well as for other diverse, poorly understood taxa—will require an all-hands-on-deck approach, one that centers, celebrates, and amplifies the expertise of amateurs. Building capacity for this work through identification guides and biodiversity data repositories is important, but is only one half of the equation. The other half is catalyzing a shift in our everyday lives towards repeated attentiveness to the natural world.</p>

4:00-5:10	Sunday Concurrent Sessions - Afternoon II			
	Room A	Room B	Room C	Room D
	Human Impacts on Biodiversity	Ecology and Conservation of Reptiles and Amphibians	Ecological Diversity from the Forest Floor to Tree Tops	Wild Canids in the Northeast: Roaming into a Mix of Genetics and Policy
Moderator	Dan Bogan	Brian Bastarache	Hanna Makowski	Nadia Steinzor
4:00-4:05	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
4:05-4:25	Scott LaPoint Mammal Responses to a Major Highway in Southern New York	Susanna Sousa Influence of Landscape and Site Characteristics on Eastern Gray Treefrog (<i>Hyla versicolor</i>) Occupancy in Managed Forests of Pennsylvania and Virginia	Jess Rubin Restoring a Degraded Riparian Forested Buffer while Balancing Phosphorus Remediation, Biodiversity, and Indigenous Land Access	Bridgett vonHoldt Using New Genotyping Methods to Understand Northeastern Canids
4:25-4:45	Matthew Schlessinger Effects of Climate Change on New York Wildlife	Jeremy Fontaine Survey of Freshwater Turtles in Salmon Brook, Nashua, New Hampshire	Hanna Makowski Determinants of Deciduousness: Detangling the Genetic vs. Environmental Correlates of Intrapopulation Variation in Tree Leaf Phenology	Renee Seacor Coyote, Wolves, or Hybrids? Challenging the Status Quo of Public Perception and Traditional Wildlife Protection
4:45-5:05	Joseph Zeno How Certain Marine Phytoplankton Species Are Being Affected by Ocean Acidification Along the US Northeast Coast	Eamon Caffrey Threats to Northern Diamondback Terrapin Nests Vary by Nesting Substrate in Cape Cod, Massachusetts	Laurel Schuster The Effects of Silvicultural Management on Arboreal Insect Communities in a Northern Hardwood Forest	Nadia Steinzor Leveraging Emerging Science to Advance State Policies for Northeastern Canids
5:05-5:10	Q & A	Q & A	Q & A	Q & A