

SAT MORNING	<b>SATURDAY APRIL 23, 2016</b>			
7:00–5:00	Conference Registration Open			
7:00–8:00	Set up for exhibitors			
8:00	Exhibitions Open			
7:30–8:30	Set up for Day 1 scientific posters			
7:45–8:30	PowerPoint preview/technology check for the oral presentations - in the room your talk will be given			
8:30–10:20	<b>Concurrent Sessions - Morning I</b>			
	Room A	Room B	Room C	Room D
	<b>Natural History of Agricultural Landscapes</b>	<b>Winter Ecology</b>	<b>Caterpillars of Northeastern Forests: Beauty and Biodiversity</b>	<b>Ecology of Predaceous Robber Flies and Arthropod Decomposers</b>
Moderator	<b>Caroline Girard-Cartier</b>	<b>Lynn Christenson</b>	<b>Rob Clark</b>	<b>Karl McKnight</b>
8:30–8:35	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
8:35–8:55	<b>Lisa Cassidy</b> Effect of Grazing Regime on Grassland Breeding Bird Abundance	<b>Carole Cheah</b> Predicting Winter Mortality of Hemlock Woolly Adelgid in Connecticut	<b>Ellen Woods</b> Cameras, Caterpillars, and Conservation: How to Champion Insects One Photo at a Time	<b>Kimberly Haab</b> Using Mark-Recapture Methodology to Estimate Adult Lifespan of the Robber Fly <i>Lasiopogon slossonae</i> (Diptera: Asilidae) in a Riparian Zone near Lake Placid, New York
8:55–9:15	<b>Erin Sanderson</b> Can We Feed Ourselves? Land-Cover Classification Analysis to Determine the Potential for Pasture-Raised Meat Production in the New York State Capital Region	<b>Scott Reynolds</b> Live Longer by Living Alone and Staying Active: Why Eastern Small-footed Myotis Appear to Have a Lower Mortality from White-Nose Syndrome	<b>Mattheau Comerford</b> The Role of Herbivore Community on Plant Secondary Chemistry and its Effects on Caterpillar Diet-Breadth	<b>Karl McKnight</b> Territoriality of the Robber Fly <i>Lasiopogon slossonae</i> (Diptera: Asilidae) in a Riparian Zone near Lake Placid New York
9:53–9:35	<b>Allan Strong</b> A Multicriteria Decision Analysis Approach for Identifying Priority Conservation Areas for Grassland Birds	<b>Lynn Christenson</b> Forest Response to Winter Climate Change: Lessons Learned from the Hubbard Brook Experimental Forest	<b>Rob Clark</b> Citizen Science with the Caterpillars of Oak Trees: Forest Food Webs on the World Wide Web	<b>Samantha Sawyer</b> Effects of Carrion Decomposition on Litter Arthropod Assemblages
9:35–9:40	Q & A	Q & A	Q & A	Q & A
9:40–10:30	<b>Morning Poster Session and Reception with light snacks and beverages</b>			

**Note: abstracts for all oral and poster presentations are available on the conference website:**

**[www.eaglehill.us/NENHC\\_2016/program/NENHC2016-oral-abstracts](http://www.eaglehill.us/NENHC_2016/program/NENHC2016-oral-abstracts)  
[www.eaglehill.us/NENHC\\_2016/program/NENHC2016-poster-abstracts](http://www.eaglehill.us/NENHC_2016/program/NENHC2016-poster-abstracts)**

**You can also access them from the left-hand menu of the website home page under Program, and we will have a printed reference copy of all the abstracts available for participant perusal at the registration table during the conference.**

10:30–12:00	<b>Saturday Concurrent Sessions - Morning II</b>			
	Room A	Room B	Room C	Room D
	<b>Managing for Ecosystem Services</b>	<b>Benthic Ecology: Tracking Footprints in the Sand</b>	<b>Human Impacts: Effects of Forestry and Climate Change</b>	<b>Stretching our Perspective: Insights from the Distant Past, the Microscopic Scale, and Far Away Lands</b>
Moderator	<b>Jamie Deppen</b>	<b>Gaytha Langlois</b>	<b>Charlie Canham (Forestry) &amp; Adrian Jordaan (Climate Change)</b>	<b>Jill Weber</b>
10:30–10:35	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
10:35–10:55	<b>Jamie Deppen</b> Can Monitoring Networks Be Valuable in Ecosystem Services Data Collection?	<b>Gaytha Langlois</b> The Role of Microbial Interactions in Coastal Sediments: An Overview	<b>Michelle Brown</b> Effects of Forest Biomass Energy Production on Long-Term Northern Forest Structure and Composition	<b>Jessica Cundiff</b> Revisiting the Paleontology of Nantucket and Martha's Vineyard
10:55–11:15	<b>Mike Rubbo</b> Ecosystem Services and Preserve Management: The Human Dimensions	<b>Alexis Brown</b> Ciliates in Altered Environments: Changes in the Microbial Community	<b>Jerry Jenkins</b> Has Logging Changed the Composition of Adirondack Forests?	<b>Tiffany Meador</b> Discovering the Diversity of Anhydrobiotic Tardigrades in Onondaga County, NY
11:15–11:35	<b>Kerissa Battle</b> The Plant-Pollinator Monitoring and Restoration Movement: Is Citizen Science a Viable Approach?	<b>Drew Phelan</b> Life on the Edge: Microbial Communities in an Urban Industrial Estuary	<b>Tanya Rogers</b> Distribution and Range Expansion of Blue Crabs and their Interactions with Invasive Green Crabs	<b>Thilina Surasinghe</b> Biodiversity of tropical Sri Lanka: Conservation Outside Protected Area Network and Some Insights on Multilateral Opportunities in Conservation Sciences
11:35–11:55	Q & A	<b>Pierre Le Guyader</b> Seasonal Variation of Metals in Seaweeds from a Contaminated Site on the Providence River	<b>Alexej Siren</b> Temporal Shifts in Carnivore Distribution along Elevational Gradients in New England: An Investigation of the Consequences of Climate Change	Q & A
11:55–12:00		Q & A	Q & A	
12:00–1:30	<b>Lunch (included for those who pre-registered for the conference)</b>			

SATURDAY AFTER LUNCH	<b>SATURDAY APRIL 23, 2016</b>			
1:10-1:30	PowerPoint preview/technology check for the afternoon presentations - in the room your talk will be given			
1:30-3:20	<b>Concurrent Sessions - Afternoon I</b>			
	Room A	Room B	Room C	Room D
	<b>Ecology and Conservation of Wolves and Coyotes</b>	<b>Acoustic Landscapes: Living in a Noisy World</b>	<b>Breaking the Flow: Impacts of Dams on Stream Ecosystems I</b>	<b>Ten Years of Research at the Boston Harbor Islands National Park</b>
Moderator	<b>Linda Rutledge</b>	<b>Paige Warren</b>	<b>Allison Roy</b>	<b>Danny Haelewaters</b>
1:30-1:35	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
1:35-1:55	<b>Elizabeth Heppenheimer</b> Genetic Survey of Coyote ( <i>Canis latrans</i> ) Expansion and Hybridization in the Eastern US	<b>Dylan Cipkowski</b> Sound Maps of Singing Insects at Seven Hudson Valley Orchards	<b>Katie Kennedy</b> Managing for Ecological Flows at the Watershed Scale: The Connecticut River Watershed Study	<b>Danny Haelewaters</b> Current State of the All-Taxa Biodiversity Inventory (ATBI) Project at the Boston Harbor Islands National Recreational Area
1:55-2:15	<b>Kristin Brzeski</b> Immunogenetic Variation and Disease Susceptibility in Endangered Red Wolves and Sympatric Coyotes	<b>Joshua Schwartz</b> Communication in the Cacophony of a Treefrog Chorus	<b>John Ludlam</b> Effects of Upstream Reservoirs, Nutrients, and Light on Stream Metabolism and Benthic Algal Biomass	<b>Jessica Rykken</b> Diversity and Distribution of Arthropods at the Boston Harbor Islands
2:15-2:35	<b>Bridgett vonHoldt</b> Admixture Mapping Identifies Selectively Introgressed Genomic Regions in North American Canids	<b>Aaron Grade</b> When the Birds Go Unheard: Highway Noise Disrupts Information Transfer Between Bird Species	<b>Peter Zaidel</b> Small-Dam Impacts to Stream Temperature and the Potential Consequences for Aquatic Biota	<b>Lara Kappler</b> A Fungal Biodiversity Inventory of the Boston Harbor Islands
2:35-2:55	<b>Carol Henger</b> Population Genetics of New York City Coyotes	<b>Fangyuan Hua</b> Functional Traits Determine Heterospecific Use of Risk-related Social Information in Forest Birds of Tropical Southeast Asia	<b>Thomas Philbrick</b> Dams and the Aquatic Angiosperm <i>Podostemum ceratophyllum</i> : What Story is this Species Telling?	<b>Carol Trocki</b> Volunteer Monitoring of Breeding Water Birds in Boston Harbor, 2007-2015
2:55-3:15	<b>Mark Weckel</b> Occupancy Dynamics and Colonization Patterns of Coyotes in New York City	<b>Sarah Partan</b> The Use of Multiple Signaling Channels to Overcome Noisy Environments	<b>Steven Mattocks</b> Centuries of Damming: Consequences for Alewives ( <i>Alosa pseudoharengus</i> ) and Two Species of Perch in Coastal Ponds	<b>Lauren Nolfo-Clements</b> Mammal Use of the Boston Harbor Islands: Seasonal versus Permanent
3:15-3:20	Q & A	Q & A	Q & A	Q & A
3:20-4:00	<b>Afternoon Poster Session and Reception with light snacks and beverages</b>			

4:00–5:30	<b>Saturday Concurrent Sessions - Afternoon II</b>			
	Room A	Room B	Room C	Room D
	<b>The Role of Animals in Ecosystems</b>	<b>Conservation and Ecology of Bats</b>	<b>Breaking the Flow: Impacts of Dams on Stream Ecosystems II</b>	<b>Effects of Ungulate Browsers on Herbaceous Layers</b>
Moderator	<b>Lynn Christenson</b>	<b>Carl Herzog</b>	<b>Allison Roy</b>	<b>Ed Faison</b>
4:00–4:05	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
4:05–4:25	<b>Lynn Christenson</b> The Role of Animals in Ecosystems—From Moose to Moths: How Animals Influence Nutrient Dynamics in a Northern Hardwood Forest	<b>Samantha Hoff</b> White-nose Syndrome: An Update on Bat Status in the Northeast and Beyond	<b>Amy Singler</b> Dam Removal as a Tool for River Restoration	<b>Scott Williams</b> The Role of White-tailed Deer in Spreading Invasive Plants and Preventing Native Plant Regeneration
4:25–4:45	<b>Don Ross</b> Earthworm and Land-Use Legacy Effects on Carbon in the Forest Soils of Vermont	<b>Cynthia Marroquin</b> Mycelial Growth, but not Conidiation, of <i>Pseudogymnoascus destructans</i> Depends on Relative Humidity Levels	<b>Spencer Weinstein</b> Slimy Sculpin Movement Before and After Dam Removal	<b>Rose Marie Muzika</b> Using Boulders to Evaluate the Effects of Overbrowsing in Eastern Deciduous Forests
4:45–5:05	<b>Hillary Seiner</b> Impacts of Beaver ( <i>Castor canadensis</i> ) in Suburban Ecosystems: Friend or Foe?	<b>Amanda Melinchuk</b> Bat Species Distribution Across Habitat Gradients Throughout Massachusetts' State Properties	<b>Alan Christian</b> Monitoring the Effects of Dam Removals in the Mill River, MA: 2015 Freshwater Mussel Survey Results	<b>Michelle Spicer</b> The Legacy of Deer Overabundance: Long-term Delays in Herbaceous Community Recovery
5:05–5:25	<b>Keri Vancamp</b> White-tailed Deer in Forested Systems: How Human-Deer Interactions Shape Ecosystem Response	<b>Kathleen O'Connor</b> Acoustic Surveys for Bats are Informative but Complicated: Thoughts on a Multifaceted Survey Tool	<b>Peter Hazelton</b> Managing Freshwater Mussels During Dam Removal: A Case Study on the Nissitissit River	Q & A
5:25–5:30	Q & A	Q & A	Q & A	
5:30–6:00	<b>Open Networking Session with cash bar and finger foods</b>			
5:30–6:00	Take down for Day 1 scientific posters			
6:00–8:00	<b>Plated dinner and socializing - ticketed event</b>			
8:00	<b>Room B - Publishing your Research Workshop.</b> Roundtable discussion involving natural history journal staff, experienced manuscript editors, and well-published authors focused on providing advice and answering questions about publication. Especially geared for students and those just getting started in their careers.			

SUNDAY MORNING	<b>SUNDAY APRIL 24, 2016</b>			
7:00–5:00	Conference Registration Open			
7:00–8:00	Set up for exhibitors			
8:00	Exhibitions Open			
7:30–8:30	Set up for Day 2 scientific posters			
7:45–8:25	PowerPoint preview and technology check for oral presentations - in the room in which your talk will be given			
8:30–9:40	<b>Concurrent Sessions - Morning I</b>			
	Room A	Room B	Room C	Room D
	<b>Wetland Communities</b>	<b>Mammalogy</b>	<b>Avian Ecology</b>	
Moderator	<b>Celia Evans</b>	<b>John Anderson</b>	<b>Susan Smith</b>	
8:30–8:35	Introduction & Overview	Introduction & Overview	Introduction & Overview	
8:55–8:55	<b>Sean Regalado</b> Landscape-Level Analysis of Drivers of Aquatic Macrophyte Species Richness in the Adirondack Park of New York State	<b>Karli Walczewski</b> How Eastern Gray Squirrels ( <i>Sciurus carolinensis</i> ) Learn to Navigate Obstacles to Reach Food	<b>Susan Smith</b> Fit and Fat by Fruit: A Nutritional Study on Migratory Bird Frugivory	
8:55–9:55	<b>Chloe Mattilio</b> Gradients in an Adirondack Peatland	<b>Nathaniel Laymon</b> Disease in a Mesocarnivore: Modeling Disease in Vermont Fisher Populations using a Circuit-Based Model	<b>Michael Akresh</b> Nest Structure, Thermal Properties, and Reproductive Performance in Prairie Warblers	
9:15–9:35	<b>Erik Yankowsky</b> Nutrient Resorption in <i>Larix laricina</i> Along Environmental Gradients in an Adirondack Wetland	<b>Susan Morse</b> Use of Track-Count Data to Influence Successful Placement of Remote Cameras to Monitor Wildlife	<b>Drew Panko and Trudy Battaly</b> Thirty Years of Hawk Watching in the New York Metropolitan Areas	
9:35–9:40	Q & A	Q & A	Q & A	
9:40–10:30	<b>Morning Poster Session and Reception with light snacks and beverages</b>			

10:30–12:00				
Concurrent Sessions - Sunday Morning II				
	Room A	Room B	Room C	Room D
	<b>Wildlands, Woodlands, and Farmlands: Sustainable Working Landscapes of New England</b>	<b>Reptile and Amphibian Ecology and Conservation I</b>	<b>Conservation of Small Natural Features in Urbanizing Landscapes: The Case of Vernal Pools</b>	<b>Plant Ecology</b>
Moderator	<b>Brian Donahue</b>	<b>Brian Bastarache</b>	<b>Dana Bauer</b>	<b>Jack Tessier</b>
10:30–10:35	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
10:35–10:55	<b>Brian Donahue</b> Sustainable Working Landscapes: Wildlands, Woodlands, and Farmlands	<b>Nicholas Hathaway and Kourtnie Bouley</b> Baseline Assessment of the Diamondback Terrapin Population at Allens Pond Wildlife Sanctuary	<b>Dana Bauer</b> Landowner Decision-making in Response to Vernal Pool Regulations	<b>Emily Rollinson</b> Introduced Species have Different Traits than Natives in Riparian Plant Communities
10:55–11:15	<b>Aaron Lefland</b> Community Forestry in the Boston Suburbs: Forest Management, Ecological Research, and Community Engagement	<b>Tom Tynning</b> Northern Copperhead on the Edge	<b>Carly Eakin</b> Patterns in Wood Frog Tadpole Body Condition and Survival across an Urbanization Gradient	<b>Ian Medeiros</b> Serpentine Outcrops in Massachusetts: A Botanical and Ecological Overview
11:15–11:35	<b>Michael Devito</b> Attitudes and Perceptions of Deer Management in Suburban Boston	<b>Scott Smyers</b> Breeding Season and Larval Development Variability of Pond-breeding Frogs Across New England	<b>Lydia Kifner</b> Characterizing Vernal Pool Biogeochemistry Across a Gradient of Human Disturbance	<b>Amber Wolf</b> Where Have all the Eelgrasses Gone? Potential Causes of Decline in Frenchman Bay?
11:35–11:55	<b>Conrad Vispo</b> Flood, Fire, and Plow: The Ecological History of Open Lands in Columbia County, NY	<b>Emilie Schuler</b> Conserving and Reintroducing the Marbled Salamander in Northeastern Massachusetts	<b>Jared Homola</b> Comparative Population Structure of Vernal Pool Amphibians Across a Changing Landscape	<b>Jack Tessier</b> Droppers of <i>Erythronium americanum</i> Grow to Avoid Cold While Finding Nutrients
11:55–12:00	Q & A	Q & A	Q & A	Q & A
12:00–1:30	<b>Lunch (included for those who pre-registered for the conference)</b>			

SUNDAY AFTER LUNCH	<b>SUNDAY APRIL 24, 2016</b>
1:10–1:30	PowerPoint preview/technology check for the afternoon presentations - in the room in which your talk will be given
	<b>Sunday Afternoon I</b>
1:30–3:00	<p style="text-align: center;"><b>Plenary Session - Room A</b></p> <p style="text-align: center;"><b>The Past, Present and Future of Northeastern Forests: Species Responses to Deliberate and Inadvertent Human Impacts</b></p> <p style="text-align: center;"><b>with Charlie Canham,</b> Senior Scientist, Cary Institute of Ecosystem Studies, Millbrook, NY</p> <p>A very broad range of human activities, both deliberate and inadvertent, has given rise to a forested landscape in the northeastern US that is in many ways unique in post-glacial history. Those forests face an equally broad range of current and future threats from human activities, including climate change, introduced pests and pathogens, and air pollution. But the most pervasive human impacts on northeastern forests remain the varied effects of logging on forest ecosystems. I will present research building on 25 years of field work supplemented with statistical analyses of regional forest inventory data to predict future changes in the distribution and abundance of tree species in response to these myriad human impacts. The foundation of any such effort is a deep understanding of the ecology of the component species – plants, animals and microbes – of northeastern forests. Despite generations of research by ecologists in this region, there are still many critical aspects of the natural history of northeastern forest species that remain far too poorly known to yield real confidence in predictions of the future of these ecosystems.</p>
3:00–3:40	<b>Afternoon Poster Session and Reception with light snacks and beverages</b>

## **Attention NENHC Presenters—Oral and Poster:**

### **Special offer from the *Northeastern Naturalist***

**If you submit a manuscript for publication to NENA based on research presented at the 2016 NENHC by December 31st 2016, you will receive a 10% discount (15% for students) on the publication charges. Simply identify your submission as NENHC research in your cover email and you will qualify for the discount.**

3:40-5:10	<b>Sunday Concurrent Sessions - Afternoon II</b>			
	Room A	Room B	Room C	Room D
	<b>Ethnobotany of Northeastern America</b>	<b>Reptile and Amphibian Ecology and Conservation II</b>	<b>Tree Ecology: Soil Interactions, Disease, and Conservation Issues</b>	<b>Alpine Communities and Invasive Species</b>
Moderator	<b>Aswini Pai</b>	<b>Brian Bastarache</b>	<b>Tim McCay</b>	<b>Nancy Slack</b>
3:40-3:45	Introduction & Overview	Introduction & Overview	Introduction & Overview	Introduction & Overview
3:45-4:05	<b>Samantha Haab</b> Does Floristic Diversity next to Kitchen Gardens Influence Wild Bee Visits?	<b>Jennifer Olori</b> Prevalence and Co-infection Dynamics of Ranavirus and Chytrid Fungus in Central New York	<b>Brian Haggerty</b> Analyzing the Effect of DBH on Rate of Progression of Beech Bark Disease in <i>Fagus grandifolia</i>	<b>Sean Robinson</b> Bryophytes of the Adirondack Alpine: A Work in Progress
4:05-4:25	<b>Erika Rodbell</b> Are Kitchen Gardens Resources for Syrphid Pollinators?	<b>Diana Macklem</b> Fitness of Wood Frog and Spring Peeper Tadpoles Affected by Temperature and Road Salt Interactions	<b>Sonia Sandoval</b> Invasive Black Locust's Legacy Effects on Nitrogen Cycling in the Albany Pine Bush	<b>Doug Weihrauch</b> Monitoring Migration of Alpine Plants: A GLORIA Site in the White Mountains, NH
4:25-4:45	<b>Aswini Pai</b> Growing Sweetflag, an Iroquois Medicinal Plant	<b>Nikolis Gualco</b> An Assessment of Movement Patterns and Basking Habitat Use for the Northern Red-Bellied Cooter in MA	<b>Richard Gardner</b> 7500 American Chestnut Trees and Counting: The Research that Ate my Summer in 2015	<b>Nancy Slack</b> Alpine Snowbed Communities on Mount Washington and the Invasion of Dandelions
4:45-5:05	<b>Jessica Dolan</b> Haudenosaunee (Iroquois) Plant Practices and Indigenous Landscape Restoration in the Northeast	<b>Elizabeth Shadle</b> Why Did the Amphibian and Reptile Cross the Road? Modeling Spatial Patterns of Road Mortality in Southeastern Virginia	Q & A	Q & A
5:05-5:10	Q & A	Q & A		
5:10-6:00	<b>Take down for Day 2 scientific posters</b>			
6:00-8:00	<b>Plated dinner and socializing - ticketed event</b>			
	<b>Thank you for participating in NENHC 2016. We hope you enjoyed the conference and wish you a safe journey home.</b>			
	<b>SEE YOU AGAIN AT NEXT YEAR'S NORTHEAST NATURAL HISTORY CONFERENCE!</b>			



# SATURDAY POSTER PRESENTATIONS DIRECTORY

No.	Presenters	Title
1	Chad Seewagen	Great Hollow Nature Preserve: A New Resource for Field Biologists in the Northeast
2	Rafael Ottonicar	Abundance of Amino Acid-Metabolizing Bacteria across Sphagnum Species of an Oswego, NY, Fen
3	Bill Moorhead III	A Longitudinal Experiment in Restoration of a <i>Berberis thunbergii</i> -infested Floodplain Forest
4	Joshua Backhaus	The Effect of Invasive Shrubs on Soil Carbon Dioxide Emission Rates Compared to Native Dogwood
5	Josh Bruce	Relative Impact of Flooding on Native Species and an Invasive Vine: Management Options
6	Joshua Bryant	Streamside Environmental Factors and Occurrence of Breeding Behaviors of <i>Calopteryx maculata</i> (Ebony Jewelwing) in South Brook
7	Matthew Bettencourt	Effects of Color Markings on Recaptures of <i>Calopteryx maculata</i> (Ebony Jewelwing)
8	Donyce Abel	Influence of Sex and Establishment Period on Site Fidelity of <i>Calopteryx maculata</i> (Ebony Jewelwing)
9	Mary Ellen Czesak	Proactive Management Plan for the Emerald Ash Borer upon Impending Invasion
10	Mark Schlessman Hubert Scyzigiel	Conservation Genetics of White Ash on the Vassar College Ecological Preserve
11	Trystan Colaie Terri Atwater	Gray Squirrels Prefer Foraging in Forest Interior Over Edge
12	Jason Luscier	Variable Distributions in Grey Versus Black Eastern Grey Squirrels in Urban Habitats
13	Sara Reese	Sexual Size Dimorphism and Compliance with Rensch's Rule in Shrews (Soricomorpha: Soricidae)
14	Nicholas Stagliano	Can Braincase Thickness be an Alternative Aging Method for White-tailed Deer?
15	Isaya Chirachaturaphak	Quantitative Analysis of CPV Exposure in Post-Mortem Sampling of <i>Martes pennanti</i> (Fisher)
16	Giovanni Pambianchi Robin LaRoche	Rapid Bioassessment of Cobleskill Creek Prior to Stream Restoration Efforts
17	James Wolfe	Chloride Levels in Wetlands and Lakes of Allegany County, NY
18	John Brandt	Riparian Control of Water Quality: Links Between Soil Microbial Community and Vegetation
19	Tom Niekrewicz Brandon Buksa	The Presence of Microplastics in Wastewater Treatment Plant Effluent in the Lake Champlain Watershed
20	Chad Hammer	Survey of Microplastics in Fish, <i>Phalacrocorax auritus</i> (Double-crested Cormorants), and Other Aquatic Organisms in the Lake Champlain Watershed
21	Mark Kuhlmann	Invasion-Related Change in Crayfish Density, Not Species, Impacts Stream Macroinvertebrates
22	Jocelyn Salvador	The Effects of Habitat Structure on the Abundance and Distribution of the Asian Shore Crab and its Influence on Biodiversity in Southern New England
23	Jocelyn Rua	Effects of the invasive Asian Shore Crab on the Abundance of Resident Species in the Intertidal Zone in Massachusetts and Rhode Island over the Past Two Years
24	William Grey	The Asian Shore Crab, an Invasive Intertidal Invertebrate
25	Amber Wolf	Is Stress at the Root of Eelgrass ( <i>Zostera marina</i> ) Decline in Frenchman Bay?
26	Derek Arrowood	Microbial Community Response to a Salinity Disturbance Event
27	Ryan Ackerman	Biological Inventory of a Rock Band's Cross Country Road Trip using iNaturalist
28	Nina Duggan	Potential Predation Threats to the Common Eider at a Mixed Offshore Seabird Colony
29	Audra McTague	Band-Return Frequency and Distribution from the Gull Population on Great Duck Island, ME
30	Sean Hoy-Skubik	Relationships Between Environmental Variables and Animal Distribution Patterns at the Vassar Farm and Ecological Preserve

# SUNDAY POSTER PRESENTATIONS DIRECTORY

No.	Presenters	Title
1	Rory Schiafo	Differences in Biodiversity Across a College Campus Ecosystem
2	Ian Spellman	A Comparison of Mycorrhiza-induced Defense Against Root-knot Nematode Infection between Three Tomato Cultivars
3	Julian Koob	Spatial and Molecular Ecology of the Parasitic Plant <i>Monotropa uniflora</i>
4	Maria Zambuto	Comparing Intraspecific and Interspecific Competition of Spotted Knapweed ( <i>Centaurea stoebe</i> subsp. <i>micranthos</i> ) and Orchardgrass ( <i>Dactylis glomerata</i> )
5	Hannah Mrakovic	Comparison of Insect Herbivory on Native Versus Invasive Understory Shrubs
6	Bowen Wu	Comparison of the Genetic Composition and Colony Structure of <i>Formica glacialis</i> Ant Nests Over Time
7	Briana All	Can the Federally Endangered American Burying Beetle be Reintroduced in New York?
8	Katherine Christopher	Impact of Predators on the Survival of Engorged <i>Ixodes scapularis</i> (Black-Legged Tick)
9	Kathryn Kurchena	Identification of Host Species Via Isotopic Signature In Black-legged Ticks
10	Brittany Dell Melanie Musarra	Use of Soil-dwelling Arthropods as Bio-indicators Across a Successional Gradient of Norway Spruce in Schoharie, NY
11	Patrick Horan	An Ecosystem Perspective on Resistance and Predation in Biological Control of Hemlock Woolly Adelgid
12	Cathie-Jo Langley	Capacity for Recovery, Influence of Thinning, and Resistance to Defoliation in Spruce-Fir Forests
13	Lyndon Watkins	Diet Selectivity of Brook Trout ( <i>Salvelinus fontinalis</i> ) in Buttermilk Brook, Warren County, NY
14	Michelle Beck	<i>Sparganophilus</i> Populations Compared to Non-native Earthworm Populations in Ponds and Stream Banks
15	Sean Regalado	Landscape-Level Analysis of Drivers of Aquatic Macrophyte Species Richness in the Adirondack Park of New York State
16	Zerek Smith	Cobleskill Water Pollution Control Plant Effluent Impacts on Macroinvertebrate Communities
17	Rob DeSotle	Tamarack and Black Spruce Growth Rates in Response to Abiotic Variables within a Wetland System
18	Josiah Estacio Lizabeth Ortigoza Laura Velazquez	Using DNA Barcode to Identify Flood Plain Seeds Along the Bronx River
19	Sydney Quirk	Eastern Painted Turtles as a Transporter of Aquatic Plant Propagules in a MA Stream
20	Meghan Joyal	Seed Dispersal in Two Massachusetts Ponds by Eastern Painted Turtles
21	Elizabeth Clifton	Habitat and Prey Density Analysis of Wood Turtles ( <i>Glyptemys insculpta</i> ) in Central NY
22	Charles Robinson	Distribution of the Amphibian Chytrid Fungus ( <i>Batrachochytrium dendrobatidis</i> )
23	Nathan Pierce Anna Back Mathew Tucker	Preliminary Monitoring of Terrestrial Amphibians in Southeastern Massachusetts
24	Rayssa Ribeiro	Are Terrestrial Salamanders Impacted by Soil Salinity? A Pilot Study
25	Elizabeth Shadle	Why Did the Amphibian and Reptile Cross the Road? Modeling Spatial Patterns of Road Mortality in Southeastern Virginia
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