

# SATURDAY POSTER PRESENTATIONS DIRECTORY

No.	Presenters		Title
1	S Gemma Sophia	Bradney Rice	The Presence of Microplastics in the Gastrointestinal Tract of Various Cold-Water Fish Species Surrounding Mount Desert Rock, Maine
2	S Eun-Jae	Norris	Investigating Baltic Isopod ( <i>Idotea balthica</i> ) Tidepool Microhabitat choice on Mount Desert Rock, ME
3	S Olivia	Macaluso	Evaluating the Effect of Temperature on Historical Landings of <i>Mya arenaria</i>
4	S Emma	Thornton	Reestablishing <i>Mya arenaria</i> Populations with Seeding and Netting in the Great Salt Pond of Block Island, RI
5	S Jillian Faith	Hallman Ballarino	Long-term Population Dynamics of the Asian Shore Crab in Southern New England and Correlations with Resident Species
6	Christopher	Bloch	Population Decline of Intertidal Macroinvertebrates at Sandwich, Cape Cod
7	S Solomon	LeFrancois	Body Size of the Invasive Asian Shore Crab as a Function of Population Density in Southern New England
8	S Mallory Caroline	Morrison Klleimola	Inducible Defenses of the Blue Mussel to an Invasive Predator, the Asian Shore Crab, in Southern New England
9	S Brianna	Monast	Effects of Dietary Protein on Growth of Head-started Eastern Box Turtles
10	GS Elisabeth	Vogl	Quantification of Stripe Coverage in Eastern Red-Backed Salamander ( <i>Plethodon cinereus</i> )
11	GS Rachael	Wolf	Relatedness and Microhabitat Choice in the Red-Backed Salamander
12	GS Shawn	Geary	The Relationship Between Dermal Glucocorticoids, Surface Activity, and Home Range Size in Red-backed Salamanders
13	Eric	Gangloff	Drivers of Movement and Social Behaviors in the Eastern Red-Backed Salamander
14	S Sean	Blackden	Microhabitat Variation and its Impact on Morph Frequency of <i>Plethodon cinereus</i> at a SPARCnet site in Bridgewater, MA
15	S Harrison Lauren	Gabriele Sellmayer	Variation in Ovarian Egg Counts in a Population of <i>Plethodon Cinereus</i> in Southeastern Massachusetts
16	S Avery	Barry	Interpreting Eight Years of Body-Size Data for Eastern Red-Backed Salamanders in Massachusetts
17	S Liliana	Vazquez	Factors Affecting the Prevalence of Symbiotic Green Algae in Amphibian Egg Masses in Vernal Pools
18	S David	Marsh	Botanical Biodiversity in Vernal Ponds
19	S Olivia	Thaxton	Nutrient Uptake by Aquatic Vegetation and Impact on Chloroplasts
20	S Konoka	Uematsu	Effects of Season and Stream Characteristics on Algal Populations
21	S Joseph	Venditto	Water Under the Bridge: Nutrient Monitoring of the Scantic River (Northeastern CT)
22	S Corey	Charron	Assessing the Impact of Flood Potential and Geographic Features on Water Quality and Pollutant Mitigation in Central Massachusetts Water Bodies
23	Laura	Reynolds	Continuous Monitoring of Water Quality in an Urban Lake Across the Winter to Spring Transition
24	S Elise	Hertling	Effect of Canopy Cover on Benthic Macroinvertebrate Populations in Northeast
25	S Jesse	Melas	Biodiversity on Both Sides: A Macroinvertebrate Survey of Two Dammed Water Bodies
26	S Sabrina	Wise	Geographic Variation in Gape Ratio Among Populations of <i>Fundulus heteroclitus</i>
27	S Isabella	Probert	Integrating eDNA and Hydroacoustic Data to Assess Temporal and Spatial Variability of <i>Alosa</i> Species in the Kennebec River
28	Judith	Roe	What Fish and Other Animal Species Can We Identify in Local Rivers Using eDNA?
29	Abigail Luke	Hines Quarles	Temporal Biodiversity Change Analyses for Lake Erie Watershed Fishes and Mussels: Linking Museum Collection Records to Ecological Stressors with GIS
30	Donald	Padgett	Fragment Regeneration and Colonization in the Invasive Parrot-Feather ( <i>Myriophyllum aquaticum</i> )
31	Karoline	Heyduk	Assessing Photosynthetic Pathways in Native and Nonnative Aquatic Plant Species
32	S Jennifer	Rudy	Eight Years of Experimental Typha Removal to Restore a Lake Ontario Coastal Plain Fen, Oswego County, NY

33	S	Madi Frazier	Getting to the Root of the Problem: Testing Alternative Methods for Invasive Species Control
34	S	Chase Craig	Protecting Seabeach Amaranth ( <i>Amaranthus pumilus</i> ) and other Rare Species on Coastal Beaches in New Jersey
35	S	Julie D'Onofrio	More Than a Grain of Salt: Re-Assessing Floristic Diversity in a Westchester County Salt Marsh
36	S	Sydney Kolz	Herbivory of <i>Phragmites australis</i> Along a Salinity Gradient in Connecticut Wetlands
37	S	Anna Kerr	The Role of Senesced Pitchers in Wetland Ecosystems
38	S	Annie Lendrum	Beaver Bread Crumbs: Plant Composition along Beaver Paths
39	S	Anele Saige	Reproductive Effort in a Disjunct Population of Green Alder
40	S	Maggie Widberg	From Stress to Success: Factors Shaping Milkweed Health in Controlled Environments
41	S	Madeline Olivia JeBailey Rodriguez	Rediscovering Rhode Island's Rare Plants
42	S	Conrad Kortemeier	Hybridization and Morphological Variation in Coastal Maine Ferns
43	S	Mina Shenoy	Is Death Other Lichens? Contact and Competition in a Corticolous Lichen Community
44	S	Hadleigh Prushti Sargent Patel	Effect of Brodifacoum on Longevity of <i>Lucilia sericata</i> (Common Green Bottle Fly (Calliphoridae))
45	S	Jacob Honigsfeld	Effect of the Rodenticide Brodifacoum on Body Size of <i>Lucilia sericata</i> (Common Green Bottle Fly) (Diptera: Calliphoridae)
46	S	Kalyna Hailey Karpishka Ruddock	<i>Lucilia sericata</i> (Common Green Bottle Fly) (Diptera: Calliphoridae) as a Chemical Sentinel of Pharmaceutical Contaminants
47	S	Claire Sydney Mahaffy Lamberty	Save Our Ecosystems, Employ a House Fly: House Flies as Biological Sentinels to Track Pathogens
48	S	Jordan Kates	The Effects of Predation Risk and Fear on Mate Choice and Reproductive Output in <i>Drosophila melanogaster</i>
49	GS	Charlotte Brennan	Species Distribution Modeling to Support Conservation of Imperiled Northeastern Odonates
50		Karen Sime	An Endangered Moth, and Its Egg Parasitoid: Natural History in a Peatland Ecosystem
51	GS	Liam Engel	Native Trees Increase Insect Biodiversity in New York City Across Space and Time
52	GS	Carlos Amissah	Direct and Indirect Effects of Abiotic and Biotic Variables on Human Incidence of Tick-Borne Diseases
53	S	Ryan Martin-Hachey	Tick-Borne Zoonotic Disease Prevalence in the Greater Farmington Area
54	S	Nora Hull	Using Camera-bucket Traps to Assess the Relationship Between Small-Mammal Communities and Tick-borne Zoonotic Diseases
55	S	Theo Bray	Using Camera Traps to Determine Activity Patterns of White-Tailed Deer Avoidance of Coyotes
56	S	Abigail Kisseberth	Temporal Activity Patterns of Red Fox ( <i>Vulpes vulpes</i> ) ranging in Urban, Suburban, and Rural Areas in the United States
57	GS	Dwight Halloway	Burning Questions: How Mammals Bounce Back (or Don't) After Controlled Fires
58	GS	Jamie Santini	The Use of Classification Trees to Age American Black Bear ( <i>Ursus americanus</i> ) Cubs
59	S	Alexa Cloutier	Six Years of Mammal Abundance and Diversity Data from a Suburban Massachusetts Forest
60	S	Lucas Laurel Zoe Gillikin Rhoads-Goodman Sweeney	Carbon Cache: Stored Carbon in Planted Red Pine Forests and Natural Hemlock Forests
61	GS	Mollie Magner	Factors Influencing the Phenology of <i>Acer rubrum</i> (Red Maple) in the Eastern United
62	S	Maya Clough	Non-Target Impacts of Emamectin Benzoate in the Herbivore and Detritivore Food Webs
63	S	Kira Connelly	A Preliminary Biological Inventory of Macrofungi on Great Duck Island, ME
64	S	Lindsey Chung	Jumping Worms Impact on Soil Erosion and Invertebrate Communities in Upstate NY
65	S	Kianna Criscuola	Do Native Predators Consume Invasive Jumping Worms? Anuran preference for <i>Amyntas tokioensis</i> and <i>Lumbricus</i> spp.
66	S	Joy Tang	Feeding Differences among <i>Metaphire hilgendorfi</i> , <i>Amyntas agrestis</i> , and <i>Amyntas tokioensis</i>
67	S	Tycho Force	A Multi-Year Acoustic Survey of Avian Biodiversity vs. Wildfire and Meteorological Impacts

68		Samouel Aubrianna	Beguin DeLario-Brown	Where to Winter? Evaluating Northern Harrier and Short-eared Owl Preferred Habitat Characteristics
69	GS	Christiana	Teye	Environmental DNA Application to <i>Calidris canutus</i> (Red Knot)
70		Alexa	Warwick	SPARCnet RaMP: Impacts from the First Year of a Postbaccalaureate and Mentor-Training Program in Ecology
71		David	Krayesky	Rediscovery of Collections Within SLRO: Imaging, Transcription, and Georeferencing in a Small University Herbarium in Western Pennsylvania

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No.		Presenters		Title
1	S	Alaina	Frias	As Fiddler Crabs Expand Northwards, Will There Be Reproductive Trade Offs?
2	S	Mickala	Stratton	Environmental DNA (eDNA) as a Tool for Rare Freshwater Mussel Detection and Restoration Planning
3	S	Jacob	Sorensen	Mussel Stranding in the Wheelwright Dam Impoundment
4	S	William	Demers	Biological Implications of Urbanization Within a Watershed
5	S	Isabelle	Rowley	Effects of a Constructed Floating Wetland on Water Quality at Little's Lake
6	S	Shamar	Fitzpatrick	Effects of Sulfur in Brimstone Creek
7	S	Grace	Calvelli	Plastics in Paradise: Quantifying Microplastics at Two Lake Champlain Beaches
8	S	Monique	Faubert	Fibrous Flows: Quantification and Characterization of Microplastics in the Tributaries of Lake Champlain
9	S	Emma	Andros	Status of State-Level Vernal Pool Protections in the Northeastern United States
10		Madelyn	Chartier	Going Out On a Limb: Supernumerary Appendages in Eastern Red-Spotted Newts ( <i>Notophthalmus viridescens</i> )
11	GS	Sam	Troast	Assessing the Effect of Host Behavior on the Relationship Between Environmental Temperature and Host Temperature using Eastern Newts and <i>Bd</i>
12		Eilidh Benjamin	Gallien Nash	Conservation, Wetland Restoration, and Chytridiomycosis Monitoring in a Translocated Population of <i>Scaphiopus holbrookii</i> (Eastern Spadefoot Toad)
13	S	Audrey	Methot	Demography of an Isolated Spotted Turtle Population in Massachusetts
14	GS	Jesus	Rodriguez	Habitat Selection of Blanding's Turtles in Central Massachusetts
15	GS	Shelby	Truckenbrod	Demography and Spatial Ecology of a Blanding's Turtle Population in Central Massachusetts
16	S	Sofia	Harlow	Effects of Climatic Variables on Growth Rates of Juvenile Blanding's Turtles in Central Massachusetts
17	S	Sophie	Bonazoli	Prevalence of Scute Abnormalities in a Large Blanding's Turtle Population in Central Massachusetts
18		Laura	Deming	The Role of Floodplain Complexity in Wood Turtle Habitat Use
19	S	Saranna	Shevalier	Turtle Power: Painted Turtle Population Estimates for SUNY Oneonta's Campus Pond
20		William John	Benner Corey	Emergence Timing and Survivorship in Eastern Copperheads with Possible <i>Ophidiomyces</i> Infection
21		Rosy	Metcalfe	First Evidence of Neonicotinoid Pesticide Contamination in Wild Snakes: A Pilot Study from Agricultural Landscapes in Vermont
22	S	Noel	Schlageter	Modeling the Spread of European Strains of the Tapeworm <i>Echinococcus multilocularis</i> in New England
23	S	Lili	Moavenian	Pathogen Presence in Historic Rodents of Vermont
24	S	Dean	Parmelee	Buckets of Biodiversity; Small Mammal Abundance and Diversity in a Jack Pine Barren
25	S	Lincoln	Kunkemueller	Rising Temperatures and Morphological Changes in New England <i>Peromyscus</i>
26	S	Ella Olivia	Rogers Wood	The Influence of Decreased Day Length and Temperature on Fall Emergence and Foraging Patterns of Bats in New Hampshire
27	S	Eleora	McCay	Comparing Community-Led Science and State Agency Methods for Assessing Wildlife Population Trends

28	S	Zoe Oliver	Fox Gorman	Pushing the Limits: Effects of Climate Change on Growth of <i>Pinus banksiana</i> 300 Kilometers South of its Natural Range
29	S	Ellie Jack	Stanzel Elkner	Climate Disequilibrium in the Hemlock–Red Spruce Transition Zone in Western Massachusetts
30	S	William	Mennerick	Agricultural Legacies Persist in Hudson Valley Forests
31	S	Marley	Eignor	<i>Agrilus planipennis</i> (Emerald Ash Borer) Abundant with High Ash Density in Central Delaware County, NY
32	S	Daytona	Doherty	Liming in the Adirondack Mountains: A Chemical Analysis of Nutrient Availability in Treated Soils Over Time
33	S	Mary Thomas	Powell	The Impact of Calcium Carbonate on Aboveground Net Primary Productivity in Forests in the Adirondacks
34	S	Zach	Lightfoot	Calcium Addition Changes Adirondack Leaf Litter Chemistry 20 Years After Initial Treatment
35	S	Tiffany Ryan	Chen Strang	A Revised Geospatial Analysis to Identify Candidate Sites for Designation as a Catskill Research Forest
36	S	Izzy	Simon	The Association Between Beech Bark Disease Infection Rates and Soil Fungal Community Structure
37	S	Olivia	Maloney	Impact of Agricultural Nitrogen on Mycorrhizal Colonization of Sugar Maple in Forest Fragments
38	S	Jack	Barnhart	Leveraging eDNA to Reveal Basidiomycete Ecology on Middlebury College Lands
39	S	Lauren	Goodrich	Analyzing Above- and Belowground Productivity Resulting from Different Mycorrhizal Inoculation
40	S	Reece	Ciampitti	Investigating the Ecological Factors Affecting the Regeneration of Atlantic White Cedar ( <i>Chamaecyparis Thyoides</i> ) in Bradford Bog
41	S	Jack	Ferreira	Comparing Plant Taxonomy Indices at different Invasive Plant Coverage
42	GS	Alexander	Steiner	Factors Influencing the Presence and Cover of Non-Cultivated Plants in Vermont Pastures
43		Myles	Cohen	Powerline Rights-of-Way Management Study
44	S	John	Gaj	Threshold Analysis Using Plant Diversity Indices to Assess Community Structure Change at Different Invasion Stages
45	GS	Caitlin Tamara	McNamara Kancoglu	Help Me Out Here! Do Plants Anticipate Help from Parasitoids?
46	S	Kai Hazel	Bjork Ragozzine	Are Changing Leaf-Out Times of Overstory Plants Leading to Phenological Mismatch with Changing Understory Plants?
47	S	Devon Alex	Giardini Libby	Climate-Driven Shifts in Annual Sugar Maple Leaf-Out Times
48	S	Willa	Donovan	An Accessible History
49	S	Nora Isabel	Beer Coviello	Pressing On: The Resilience of Small College Herbaria
50		Eli	Denzer	How to Setup an Imaging Station from Scratch
51	S	Meron	Abraham	An Optimized Protocol for DNA Extraction from Historic Formalin-fixed Specimens
52	GS	Tyler	McElwee	Dead or Alive: Does Preservation Change the Intensity of Biofluorescence in Museum Specimens
53	S	Ari	D'Arconte	Preservation of Vermont Fossils
54	S	Nox	Giordano	Natural History Museums Breathe New Life to Otherwise Discarded Specimens: A Focus on Small Mammals
55		Nasreen	Broomand	Taxidermy Time Transect: Using Collections to Understand Links Between Pathogens and Species Invasions
56	GS	Madelynn	Edwards	Invasive Jumping Worms ( <i>Amyntas</i> spp.) Alter Aphid Abundance and Ant-Aphid Mutualisms on Golden Alexander ( <i>Zizea aurea</i> )
57	GS	Finn	Flynn	Spotting Lady Beetles: Using Zoological Collection and Citizen Science Records to Assess Coccinellid Biodiversity Loss in Vermont
58	S	Hannah	Moreau	The Role of Carrion Size in American Burying Beetle Reproduction

59	S	Carter	Emerson	Insect Biomass and Declines: Are Local or Regional Factors More Important?
60		Amine	Kousba	Insect Behavior Along an Urban Gradient: How Do Insects Respond to Artificial Light?
61	S	Aliza	Newton	Lethal vs. Simulated Visual Survey Methods to Assess Bee Responses to Habitat Restoration
62		Emma	Tondre	The Relationship Between Land Cover and the Wild Bee Communities in Pollinator Plantings
63		Caroline Remi	Dressler Christiansen	Applying Automated Timelapse Camera Systems and Machine Learning to Study Nocturnal Pollination
64	S	Joseph	Salmieri Jr	Comparison Of Two Araneae Biodiversity Inventories Done at Different New Jersey Natural Lands Trust Preserves
65	S	Madelynne	Solan	Into the Web: Assessing Differences in Spider Community Assemblages Within a Southern Boreal Peatland
66		Megan	Massa	Mining Historical Biodiversity Data in Vermont: Humans vs AI
67	S	Evelyn	Gregg	Evaluation of a Laser Scarecrow and Distress Call System for Bird Control in Cultivated Blueberry
68	S	Kyleena Olivia	Lathram Record	Maple Sugaring in the Classroom: Exploring the Process and Identity of Vermont Maple Syrup at Saint Michael's College

S = non-graduate student poster

GS = grad-student poster