

# SATURDAY POSTER PRESENTATIONS DIRECTORY

No.	Presenters	Title
1	Juliana Sweeney	Delimiting Varieties in <i>Cerastium velutinum</i>
2	Rachel Goad	Demystifying Desmodium Distribution in Pennsylvania
3	Jack Tessier	Soil Compaction Causes <i>Erythronium americanum</i> to Produce Aboveground Droppers
4	Peter Kaires	Using Herbaria to Track Phenology Changes in Northeast Spring Ephemerals
5	Adelaide Mahler	Sphagnum-associated Nitrogen Fixation in New England Peatlands
6	Shloka Janapaty	A New Estimate of Biocrust Contribution to Carbon and Nitrogen Flux in Global Terrestrial Ecosystems
7	Jillian O'Rourke	Effect of Land Use on Soil Organic Carbon and Inorganic Nitrogen and Phosphorus
8	Alyssa Hotchkiss	Soil-dwelling Invertebrates in Farmland Transitioning from Intensive Agriculture to Native Meadows
9	Bridget Abney	Death from Below! Effects of Non-native Earthworms in Deciduous Forests
10	Jacob Towsley	Invasive Hemlock Woolly Adlegid and Elongate Hemlock Scale in Western Massachusetts
11	Richard Feldman	Goat Grazing Followed by Repeated Cutting of <i>Reynoutria japonica</i> , s.l., (Japanese Knotweed) Allows Recovery of Diverse Flora
12	Abigail Minnekine	How Does Climate Change Alter Invasion Risk of Invasive Species in the Northeast US?
13	Mary Keating	Impact of Lawn Maintenance on Insect and Plant Biodiversity
14	Ethan Nurick	Effects of Diet on Mealworms Raised for Aquaculture Feed
15	Kristen Pareti	Insect Biodiversity Amongst Native and Nonnative Plants in Teatown Lake Reservation, Ossining, NY
16	Juliana Chauca	The Hudson Valley Firefly Project: Anthropogenic Disturbances Reduce Population Abundance
17	Caitlyn DiAngelis	Examining Color Preference of Painted Lady Butterflies on the Ultraviolet (UV) Light Spectrum
18	Autumn Cornacchia	Seasonal Dynamics of Coexisting Nicrophorus Species Prior to American Burying Beetle Reintroduction
19	John Pipino	Overwintering Site Selection of Nicrophorus orbicollis Say in New York
20	Elizabeth Signore Peter Babcock Destiny Devlin	Evaluation Of the Effectiveness of Tick-Mitigation Strategies On Reducing Tick Burden and Tick-borne Pathogens Across Pennsylvania
21	Alexander Collins	qPCR Surveillance of Tick-Borne Disease in Delaware
22	Lucy Zipf	Comparison of Two Methods for Collecting Aerial Insects on Eastern Massachusetts Conservation Land
23	Amanda Burgess	Bees in Boston and Beyond: Using Environmental DNA Techniques to Investigate Pollinator Relationships in Urban Gardens
24	Jennie Consalvo	Overwintering Survival of Color-banded House Sparrows in Westchester, NY
25	Glenn Johnson	Long Distance Spruce Grouse Translocations as an Effective Means of Population Recovery in New York
26	Monica Edgerton	Do Larger Diameter Trees Allow for More Microhabitats and Impact Bird Abundance in Managed Forests?
27	Brian Merrigan	Trends in Ground-Nesting Birds and Ground Cover Over 33 Years in Two Adirondack Stands
28	Joshua Ness	Linking Arrival of Autumn, the Disappearance of Fruit, and the Anthropause
29	Skyler Cullen	Avian Use of Porcelain Berry at Purchase College, SUNY Campus

30	Autumn	Pauly	From Lake to Sea: The Wintering Habitat Preferences of the Common Loon
31	Felicia	Conheady	Parasite Communities in Canada Geese ( <i>Branta canadensis</i> )
32	Jeff	Spendelow	Evaluating Current Limiting Factors and Future Threats to Recovery of Endangered Roseate Terns
33	Eleanor Wriley	Gnam Hodge	The View from the Tower: 20 Years of Seabird Counts on Great Duck Island
34	Asher	Panikian	A Kid-friendly Neighborhood: A Comparison of Herring Gull Fledging Success Across Habitats on GDI
35	Elinor	Tierney-Fife	Environmental Parameters Associated with Eelgrass ( <i>Zostera marina</i> ) Reproductive Characteristics
36	Shamar	Fitzpatrick	Effects of Sulfur in Brimstone Creek
37	Emily	Schmidt	Are Human Perceptions of the Environment Consistent with Ecological Data? A Study of User's Opinions and Water Quality in the Pocantico River, Westchester County, NY
38	Madison	Steates	How Does Change in Land Use Impact the Water Chemistry Parameters in the Streams of Oswego County, NY
39	Samantha	Oaks	Amphibian Moving Patterns With and Without a Drift Fence
40	Elise	Edwards	Investigating Historical Extirpations and Range Shifts of <i>Acris</i> spp.
41	FaithAnn	Vanderwalker	Snapping Turtle Nesting Trends Over Fifty Years in the Adirondack Park
42	Regina	Peters	The Bigger, the Better? Comparative Recapture and Growth Rates in Headstarted Blanding's Turtles
43	Tony	Pappantoniou	Demography and Parasitism of Eastern Painted Turtles from a Connecticut Farm Pond
44	Vinh Tuan	Tran	Evaluating Environmental Interference in Outdoor Automated Radio Telemetry Systems
45	Natalie Amelia	Kay Sadlon	Bat Activity is Related to Habitat Type and Structure in Managed Barrens in New England
46	Julia	Rizzo	Effects of Forest Structure and Large-Tree Retention on Bats in the Adirondacks
47	Alexa	Carlson	Effects of Weather on Migratory Foliage-Roosting Bat Activity in the Adirondacks
48	Kimberly	Hughes	Diet of Connecticut Bobcats via DNA Metabarcoding
49	Vincenzo	Bonaiuto	The Use of a Novel Camera Trap to Detect Small Mammals
50	Sara	Rose- McCandlish	Camera-Trap Monitoring of Recreation and Wildlife Patterns on a Multi-use Trail Network
51	Madelyn	Garcia	The Effects of Land Cover on Mesocarnivore Distribution in a Suburban Landscape
52	Isabella	Vinces	Spatial Behaviors Between Coyote ( <i>Canis latrans</i> ) and Red Fox ( <i>Vulpes vulpes</i> ) Populations in Urban and Suburban Areas of the Hudson Valley
53	Terryanne	Maenza- Gmelch	Barnard Undergrads Studying the NYC Environment: Climate Science, Biodiversity, Environmental Justice
54	Janice Kathryn	Krumm Weglarz	Engaging Undergraduates in Natural History Research Through CUREs Using Digitized Collections Data
55	Alison Carolyn	Nurok Dash	Teaching Scientific Literacy to Undergraduates Through a Long-term Research Project on Stream Macroinvertebrates
56	Kristin	Godfrey	NEON in the Northeast: Open Data and Samples for Understanding Changing Ecosystems

# SUNDAY POSTER PRESENTATIONS DIRECTORY

No.	Presenters	Title
1	Skylah Miller	The Root Cure: The Effects of Baicalin on Endometrial Cancer Cells
2	Ruth Harris Anniqye Barclay	What are the Impacts of Manganese and Iron on Milkweed?
3	Adam Thomas	Historical Woody Plant Species Composition on an Urban University's Campus
4	Julia McClafferty	Testing an Origin Hypothesis for the Costa Rican Tetraploid <i>Polystichum talamancanum</i> with the Hybphaser Pipeline
5	Audrey Lawrence Blake Page	Biodiversity of Great Hill Forest: A Baseline Inventory
6	George Ni	Using Machine-Learning Models to Identify Crown Class Condition of EAB-Infested Forests
7	Madelyn Lehman	Not Just a Number: How Disturbance History has Shaped Temporal and Spatial Forest Structure at the Altona Flat Rock
8	James Wholey	The Burning Question: How is Structural Diversity Shaped by Wildfire at a Jack Pine Barrens?
9	Zach Hart	Put a Ring on it: Effects of Climate Change on Growth of <i>Pinus banksiana</i> and <i>Pinus rigida</i> at Opposing Range Margins
10	Meghan Bargabos	Picture This: Wildlife Habitat Suitability Across a Chronosequence of Wildfire-Origin Stands at a Jack Pine Barrens
11	Caley Doell	A Little Bird Told Me ... : Habitat Use by Avian Species Following Wildfire in a Disturbed Jack Pine Barrens
12	Casey Halloran	Living Among The Ash: The Impacts of Wildfire on Wildlife Use Patterns on a <i>Pinus banksiana</i> (Jack Pine) Barrens
13	Andrew Butler	Forest and Snow Rather than Food or Foe Limit the Distribution of a Generalist Mesocarnivore in Winter
14	Aimee Turcotte Marissa Scott	The Relationship Between Mammals and Fallen Logs as Traveling Corridors in Saint Michaels College's Natural Area
15	Alexander Gonatas	Smile for the Camera: Patterns of Mammal Abundance in Great Hill Forest Through Four Years of Camera Trapping
16	Justin Wolford	Using Snapshot USA to Investigate Local and National Trends in Fisher and Porcupine Interactions
17	Mairi Poisson	Comparing Exurban and Rural Wildlife Activity in a Diverse Carnivore Community
18	Franchesca Heine	Changing Bat Activity Across Massachusetts Due to Anthropogenic Sound Shifts
19	Howard Whidden	Tracking Fall Movements of Little Brown Bats from a Maternity Roost in Northeastern Pennsylvania
20	Angela Bird	Comparing Methods of Data Collection on the Diverse Morphological Features of Bat Dentition
21	Lily Duerr	Comparing Benefits and Drawbacks of Ammonia Degreasing vs Hot Water Degreasing of Variably Sized Skulls in Museum Collections
22	Julia Hebert	Not Just Mothballs: An Expedition to Modernization for a Small Natural History Collection
23	Grace Leopold	Creating Accurate Clay Salamander Molds for In-Class Learning Modules on Polymorphism and Predation
24	Mary Beth Kolozsvary	Integrating Undergraduates and Non-Academics into Large-Scale Research by Exploring Phenological Asynchrony of Vernal-Pool Breeding Amphibians and Woody Plants
25	Thia Moore Julia Sirois Rayna Bidwell	Gregarious and Above Ground Behavior in the Blue-spotted Salamander Complex

26	Reed	Scott	Effects of Meta-community Structure and Biodiversity on Disease Prevalence in Amphibians
27	Ian	Gaddy	Effects of Effluent from Bolton Wastewater Treatment on Aquatic Macroinvertebrates in Stewart Brook
28	Clara	Marler	Impact of Climate Change on the Respiration of a Freshwater Producer <i>Lemna minor</i> and Invertebrate Libellulidae
29	Kayleen	Snyder	Long-Term Patterns in Phytoplankton Community Composition and Abundance in Lake Champlain
30	Caroline	Reusch	Habitat Assessment for River Herring in the Acushnet River
31	Shannon	Cooper	Tree-mendous Trouble: Influence of Tree Encroachment on Evapotranspiration in a Boreal Peatland at its Southern Range Limit
32	Annie	Arnold	Bugs in Bogs: Insect Biodiversity Within a Boreal Peatland at the Southern Range Limits of the North American Boreal Temperate Ecotone
33	Kylie	Finnegan	Identifying the Molecular Basis of Thermal Adaptation in Natural Invertebrate Populations
34	Elizabeth	Wade	Molecular Identification of Green Lacewings in the Cryptic <i>Chrysoperla carnea</i> Group
35	Shawn	Driscoll-Gomez	Exploring the Genetic Diversity of Oleander Aphids ( <i>Aphis nerii</i> )
36	Lauren	Berkley	Emerging Vector-borne Pathogens in Northeastern US Cervids
37	Samuel	Cranston	Blacklegged Tick Infection Dynamics in Northern Vermont Forests
38	Morgan	Cadd	Effects of Carrion Decomposition on Arthropod Community Structure Seven Years Later
39	Samantha	Sawyer	Geospatial and Temporal Variation of Vertebrate and Invertebrate Scavenger Densities in Eastern Massachusetts
40	Allison	LaPoint	Prevalence of Parasitic Mites on Odonata Hosts in Clinton County
41	Nathaniel	Sharp	The Vermont Butterfly Atlas: Past, Present, and Future
42	Michael	Hallworth	Vermont Atlas of Life 2013–2023: Mapping Biodiversity Now and in the Future
43	Ben	Camber	Body Size and Trophic Efficiency Influence Species Richness of Solitary Hymenoptera Clades Along New England Elevational Gradients
44	Brandon	Minogue	Host Preferences of <i>Nasonia vitripennis</i> Parasitoid Wasps
45	Elijah	Crosbourne	More Than Meets the Eye: Binocular Vision in Wasps
46	Aswini	Pai	Importance of Wildflower Patches and Ornamental Gardens for Small-scale Agriculture in Northern NY
47	Katherine	Gennosa	Bee-utiful Sight: Sociality and Visual Fields in Hymenopterans
48	Caitlyn	DiAngelis	Through a Pollinator’s Eye: Using Ultraviolet-Induced Visible Fluorescence (UVIVF) Photography to Capture How Flowers Look on the UV Spectrum
49	Connor	Nielsen	Bird Eyes: Specialized or Generalized?
50	Matt	Heilbronn	Spillover of Protozoal Pathogens into and out of an Invasive Bird Species: A One Health Problem
51	Katherine Gillian Morgan	Hawley Bradley Rynkiewicz	Behavioral and Hormonal Responses by Planorbid Snails to Temporal Patterns of Predation Risk
52	Eva Franchesca	Rando Rolon	Asian Shore Crab Success Relating To Prey Availability
53	Matt	Santos	Effects of Winter Temperature on Abundance of Asian Shore Crabs in Southern New England
54	Nicholas	Loonie	Correlation in Abundance Between the Invasive Asian Shore Crab and its Prey
55	Emily	Watling	Analysis of <i>Zostera marina</i> Patch Changes in Little Narragansett Bay, RI
56	Vedant	Janapaty	A West Coast Estuarine Case Study: A Novel, Predictive Approach to Monitor Estuarine