

SATURDAY POSTER PRESENTATIONS DIRECTORY

No.	Presenters	Title
1 *	Emmy Bedard	Examining the Change in Antibiotic Resistance of <i>Pseudomonas putida</i> in Soil Extract vs. Mueller–Hinton Media
2 *	Jessica Antunes	Improving Methods for Analyzing Changes in Antibiotic Resistance In Soil During Mouse Decomposition
3 *	Emmalee Davis	Determining Potential Benefits of Natural Soil Inclusion in <i>Solanum tuberosum</i> (Potato) Production
4 *	Nolan Miller	Associations Between Fruiting Plant Species and Their Insect Parasites in a Forest–Agriculture Mosaic
5 *	Emmalee Bent	Earthworms, Slugs, and Salamanders: Community Interactions in a Massachusetts Forest
6 *	Teagan Mabrysmith	Greenhouse Study of Lumbricid and Megascolecid Invasive Earthworm Impact on Seedling Growth
7 *	Sophie Marin	Limited Effects of Invasive Jumping Worms on Plant Mycorrhizal Associations
8 *	Abbie Donnelly	Earthworm Abundance in Natural Deciduous Forests vs. Planted Red Pine Forests
9 *	Giacomo Borso	Status of a Disjunct Population of the Circumboreal <i>Alnus crispa</i> (Green Alder) in the Southern Appalachians
10	Matthew Vadeboncoeur	Stable Isotope Portrait of a Northern Hardwood Ecosystem
11 *	Ryan Rotigliano Chloe March	Years Since the Axe: Forest Diversity in Response to Timber Harvest
12 *	Indi-Anna Richardson	Autumnal Photosynthesis Duration Varies Amongst Native and Invasive Maples in Urban and Forest Environments
13 *	Mitchell Zell	Forest Regeneration and Succession after Herbivore Eradication on a Hemiboreal Island
14 *	Carlina Velicer	Mind the Gap: The Role of Beaver-Felled Canopy Openings in Facilitating Terrestrial Plant Invasions
15 *	Reed Campbell	Beaver Tree Damage Promotes Regeneration in Riparian Woodlands While Increasing Food for Deer
16 *	Lucas Gillikin Laurel Rhoads-Goodman Zoe Sweeney	Beaver Buffet: An Investigation of Beaver Tree Preference
17 *	Albert Osterman	Beaver (<i>Caster canadensis</i>) Activity Increases Sprouting in American Beech (<i>Fagus grandifolia</i>) at Emmons Pond Bog, Delaware County, New York
18 *	Robyn Graygor	Natural Logjams as Pathways for Terrestrial and Semi-Aquatic Wildlife Biodiversity on Purchase College Campus
19 *	Chase Belisle	Finding Refuge Between a River and a Road: Wildlife Habitat Assessment of Floodplain Forest Habitat (Longmeadow, MA)
20 *	Lydia Mauroni	Comparative Habitat Analysis of Two Rare Wetland Plant Species
21 †	Olivia Devito	Time After Time: Using Point Dendrometers to Assess Fine-Scale Growth Trends of Black Spruce in a Southern Boreal Peatland
22 *	Maxim Kuperman	Exploring Fern Abundance in Relation to Tree Fall Pits and Mounds
23 *	Tyler Phipps	A Survey and Proposed Management of Structural and Mechanical Tree Defects at Norwich University
24	Terry Master	Response of Acadian Flycatcher (<i>Empidonax vireescens</i>) to Eastern Hemlock (<i>Tsuga canadensis</i>) Deterioration
25 *	Gabrielle Kennelly	Effects of Industrial Construction Noise on Bird Diversity in an Adjacent Wildlife Refuge
26 *	Audrey Oliver	Urbanization and Songbird Nest Composition in the New York Capital District
27 *	Jay van Pelt	Too Hot to Handle: Can a Colonial Seabird Serve as an Indicator of Marine Productivity in Warming Waters?
28 *	Riley Simon	Changes in Burrow Distribution in a Leach’s Storm-Petrel Colony
29	Naoma Huta	Exploring Great Duck’s Natural History Through Art

30	* Graham	Lucas	Branching Growth Patterns Across Wave Exposures in the Rockweed <i>Ascophyllum nodosum</i>
31	* Will	Draxler	The Effects of Climate-Induced Shifts in Water-Column Temperature on North Atlantic Right Whale Presence and Prey Population Health at Mount Desert Rock, ME
32	* Megan	Maloney	Temporal Patterns in the Acoustic Activity of Harbor Porpoise Near Mount Desert Rock, ME
33	* William	Tormey	Metacercarial Cyst Presence from Digenetic Trematodes on Teleost Species in the Genesee River Watershed
34	† Allison	Morrow	From Beach to Basin: Assessing the Spatio-temporal Distribution of Microplastics in Lake Champlain
35	Laura	Reynolds	Correlation Between Urbanization and Water Quality Along an Urbanization Gradient in Worcester, MA
36	* John Abigail Zachary Lena	Stanway Haskins Leno Goins	What Bugs Love: A Study of Macroinvertebrates as Water Quality Indicators of Urbanization Through the Ashuelot River
37	Donald	Padgett	Spread of the Exotic Hydrophyte <i>Myriophyllum aquaticum</i> in New England
38	* Shannon	Driscoll	Nutrient Levels and Prey Density: Drivers of Carnivory in Aquatic Utricularia
39	Kirsten	Martin	A Tale of Two Rivers: Integrating Art and Science to Highlight the Stories of Two Rivers in Connecticut
40	* Finnegan Ethan	McCaul Medeiros	Seven Years of Salamander Population Monitoring at BSU with SPARCnet
41	* Rachel	Wadsworth	Phenological Trends of Vernal Pool Amphibians in the Northeastern US Based on Online Observations
42	* Grace	Santos	Characterizing the Ecological Community Interacting with Red-backed Salamanders in Massachusetts
43	* Brendan	Lewis	Territoriality of the Eastern Red-Backed Salamander (<i>Plethodon cinereus</i>) in the Forests of Maine
44	Tigran	Tadevosyan	Utility of Body Condition Index in Monitoring of Radio-Telemetry Subjects: Data from Eastern Copperheads
45	Joshua	Ness	It'll be a Cold Day in [the North Woods] Before I Eat That
46	Erin	Hilley	Discovery and Conservation of <i>Scleria pauciflora</i> (Papillose Nut-sedge) at Camp Edwards
47	* Samuel	Mangiaracina	Epidermal Micromorphology of the Leaves of <i>Sassafras albidum</i>
48	† Danielle	Maloney	A Within-site Comparison of Intertidal and Subtidal Populations of <i>Astrangia poculata</i>
49	* A. Kevin	Scott	Phylogeny of Superclonal Aphid Populations in North America
50	* Leah	Arnold	Diversity and Functional Roles of Arthropods Within Heterogeneous Habitats in the Anthony Lawrence Wildlife Preserve, Southeastern Massachusetts
51	* Eva	Sgambettera	Habitat Preference and Classification of Two Forest Types (Oak vs Mixed Forest) by <i>Nicrophorus</i> spp. at a Heterogeneous Landscape in Central New York
52	* Alex	Reed	Small, but Mighty: Characterizing Beetle Diversity and Abundance Across Seasons
53	* Sophia	Bosley	Puny Predators of the Peatlands: Determining Predatory Beetle Abundances in Southern Boreal Peatlands
54	* Hunter	Martin	Bogligates: Obligate Arthropods in a Southern Boreal Peatland
55	* Keira	Beckford	Good and Weevil: Impacts of Varying Bog Conditions on Herbivorous Coleoptera Abundance
56	* Adrianna	Kaplinski	Scientific Illustrations of Pennsylvania Treehoppers
57	† Drew	Smith	Phenology in the Floral Visitors in a Bee Pollinated Flower in the Eastern Deciduous Forest
58	* Joshua	Harkness	Pollinator Biodiversity of an Exotic Apple Woodland in Downeast Maine
59	* Katherine	Mohan	Flower Diversity as a Driver of Pollinator Attraction in Agricultural Landscapes
60	Amber	Jones	Flower Visitation by Bumble Bees (<i>Bombus</i> spp.): Insights from Community-Collected Data
61	Declan	MCCabe	Writing Essays for Broader Audiences: Experiences, Adjustments, and Compromise
62	* Sean	Sterrett	SPARCnet RaMP: Preliminary Impacts of a Postbaccalaureate and Intentional Mentor Training Program in Wildlife Ecology

SUNDAY POSTER PRESENTATIONS DIRECTORY

No.	Presenters	Title
1 *	Kendall Brainin	Species and Sex Differences in Wild Social and Solitary Bee Learning
2 *	Julia Lingenfelter Sophia Stang	Identities and Nesting Patterns of Cavity-Nesting Bees and Wasps
3	Emma Tondre	Searching for Pollen-Specialist Bees in Rhode Island Using iNaturalist
4 *	Leo Rothstein	Seedbank Response to Agriculture Past and Present: Implications for Management
5	Ethan Skuches	The Role of Higher Education in Native Plant Amplification: A Case Study from Vassar College)
6 *	Kendall LeVasseur	Solar Farm Siting in Albany County: Exploring Options to a Greener Future
7 *	Zach Badlwin-Way	Powerline Rights of Way - Current Management Techniques and How they Affect Biodiversity
8 †	Peter Kaires	Effects of Urbanization on Spring Ephemeral Phenology
9 *	Emelia Pettit	Assessing Differences in Vegetation Composition and Diversity Across Habitats in the Anthony Lawrence Wildlife Preserve, Southeastern Massachusetts
10 *	Preston Hnatonko	Invasive Japanese Knotweed in Massachusetts and Sustainability Pillars
11 *	Emily Zheng	Repeated Cutting of <i>Reynoutria japonica</i> , s.l., (Japanese Knotweed) Diversifies Flora in Marist University Nature Preserve
12 *	Mary Hodge	The Effects of <i>Frangula alnus</i> Invasion on Seed Ecology in a New England Forest
13 *	Olivia Silvernail	Hemlock Woolly Adelgid, A Challenge for the Northeast US
14 *	Gray Trumbore	Flag Trees and Fir Wave Motion as Indicators of Winter Surface Wind Patterns on Mt. Washington, NH
15 *	Zoe Fox	Too Hot to Handle? Effects of Climate Change on Growth of <i>Pinus banksiana</i> 305 Kilometers South of its Natural Range Limit
16 *	Amélie Przedwiecki	What it Sed (i) ment a Lot: 7000 Years of Fire and Vegetation History in a Jack Pine-Dominated Ecosystem
17 *	Taylor Towne	Falling into the Ashes: Jack Pine Population Dynamics Following Wildfire
18 *	Sophie Turner	Drop it Like its Hot: Cone Serotiny in the Altona Flat Rock's Jack Pine Population
19 *	James Wholey	Fresh Out the Oven: Within-tree Variation in Jack Pine Cone Serotiny at its Southern Range Limit
20 *	Joshua Harkness	Distribution and Reproduction of American Chestnut Three Years Following Canopy Disturbance Event
21 *	Sage Tocci	Comparing Adult and Larval Blacklegged Tick Density Against Ground-Dwelling Arthropod Diversity at a Conifer-Dominant Site and a Deciduous-Dominant Site in Southern Maine
22 *	Ian Mowatt	The Role of Climate in the Geographic Expansion of <i>Ixodes scapularis</i> : A Predictive Modeling Approach
23	Kristen Pareti	Moth Biodiversity in Marshlands Conservancy, Rye, NY
24 *	Charlotte Lussier Savannah Werblow	Studying Large-Scale Insect Declines: Influence of Habitat Type and Level of Human Activity
25 *	Milo Miller	Genetic Variation and Endosymbiont Incidence in the Introduced Ant-Mimicking Spider, <i>Myrmarachne formicaria</i>
26 *	Theodore Charlap Colton Judd	Personality, Morphology, and Intraspecific Interactions in the Ant-Mimicking Spider, <i>Myrmarachne formicaria</i>
27 *	Madelynne Solan	Along Came a Spider: Unraveling the Web of Spider Distribution in a Southern Boreal Peatland
28 *	Caitlin Schirmer	The Impact of Emerald Ash Borer on Western New York Wetlands
29 *	Thomas Back	Using LiDAR to Quantify Shrub Layer Response to EAB Caused Ash Mortality
30 *	Modesto Fontanez III	Birds Show Neutral Preference for Spotted Lanternfly, <i>Lycorma delicatula</i> , in a Mix Missing Their Red Coloration

31	*	Oscar	Nigam	Assessing Reproductive Tradeoffs in Savannah Sparrow Incubation on Kent Island, NB, Canada
32	*	Helena	Souffrant	Nest Site Fidelity and Breeding Dispersal in Kent Island <i>Tachycineta bicolor</i> (Tree Swallow)
33	†	Kevin	Dernier	Same Peak, Different Birds? An Exploratory Analysis of Long-term Avian Community Monitoring on Mount Mansfield, Vermont
34	†	Chris	Liazos	Conservation of Forest Bird Communities Across a Gradient of Silvicultural Systems in Southwestern New Hampshire
35	*	Allen	Zhang	Mammal and Bird Occurrence and Activity Patterns in the Anthony Lawrence Wildlife Preserve in Southeastern Massachusetts
36		Charlie	Eichelberger	Mid-survey Results Using the AHDriFT Method for Passive Detection of North American Least Shrew (<i>Cryptotis parva</i>) in Pennsylvania
37	†	Samuel	Does	Camera vs. Live Traps: Comparing Methods for Small-Mammal Detection
38	†	Samantha	Cronk	Wildlife Use of Beaver Dams as Aquatic Crossings
39	*	Dylan	Nash	Hydrology and Water-Flow Dynamics in Balster Brook and Wetland: Insights from Curry College, Milton, MA
40	*	Julia	Jeune	Does Naturally Occurring Genetic Diversity Within Duckweed (<i>Lemna</i> sp.) Influence Phytoremediation of Heavy Metals
41	*	Abigail	Martel	Invasive Zebra Mussels in Massachusetts and Sustainability Pillars
42	*	Corey	Charron	Case Study: Trout in the Classroom and Dry Brook, Cheshire, MA
43	*	Cris	Kenney	Stream Water Quality in Wyoming County, NY: A Comparison of Trends by Watershed
44	*	Kevin	Frost	Shedding Light on Water Clarity: The Impact of Stained Water on Light-Based Trapping of <i>Hemimysis anomala</i>
45	*	Maya	Tucci	Hearing Fresh(water) Voices: Exploring Pond Soundscapes in Western New York
46	*	Andrew	Painton	Plunged Into Darkness: The Impact of a Total Solar Eclipse on Zooplankton Migration in Seneca Lake
47	†	Jasmine	Moayedzadeh Rad	Effects of Artificial Lighting at Night (ALAN) on Water Quality and Amphibian Performance in Aquatic Ecosystems
48	*	Talia	Weidberg	Assessing Plant Diversity, Floristic Quality, and Biomass Quality in Ecosystem Functions for Freshwater Wetlands
49	†	Harrison	Goldspiel	Detection and Succession Properties of Vernal Pool Communities with eDNA Metabarcoding
50	*	Mimi	Burnett	Salamander Population Changes Over 27 Years in Groton, Massachusetts
51	†	Matthew	Marcelino	Using Polyvinyl Chloride Pipes to Bridge Knowledge Gaps: Comprehensive Gray Treefrog Monitoring
52	*	Alex	Reed	A Year In Review: Spadefoot Toad Translocation Project 2024, Ashumet Holly Wildlife Sanctuary
53	†	Victoria	Prouty	Changes in Shell Symmetry and Diet in Populations of the Wood Turtle, <i>Glyptemys insculpta</i>
54	*	Victoria	Welzel	Effects of Multi Species Cohabitation on Growth of Head-started Turtles
55	*	Nora	Platt	The Effects of Sibling Groups on the Growth of Eastern Box Turtles Head-starts
56	†	Tara	Ewers	Habitat Associations of Wood Turtles (<i>Glyptemys insculpta</i>) in the Catskill Mountains, NY
57	*	Caroline Solomon	Kleimola LeFrancois	Trends in Body Size and Sex Ratio of the Asian Shore Crab in Southern New England
58	*	Mallory Zachary	Morrison Cabral	Long-Term Changes in Blue Mussel Populations in Response to an Invasive Predator
59	*	Ava	Sheedy	Seasonal Composition and Infestation Rates of Shell-Boring Polychaetes in the Eastern Oyster (<i>Crassostrea virginica</i>)
60	*	Lexi	Silva	Preserving the Dead: The Role Natural History Specimens Have in Higher Education
61	†	Jordan	O'Hare Gibson	Investigating the Impact of a Sense of Community and Belonging on Citizen Science Participation
62	*	Charlie	Gaffney	Climate Impacts, Social Vulnerability, and Opportunities for Adaptation and Mitigation in Albany, NY

* are undergrad/high school presentors; † are grad student presentors.