ASB 2026 Poster Presentation Schedule

THURSDAY MORNING (8:30-9:45 AM)			
Poster #	**Paper ID**	**Title**	**Topic**
1	10814	Species distribution modeling of invasive wild pig (Sus scrofa) populations in current southeastern United States climates	Animal: Behavior
3	11143	Testing mutants of genes encoding nicotinic acetylcholine receptors for nicotine state-dependent learning in *Caenorhabditis elegans*	Animal: Behavior
5	11052	Macroinvertebrate abundance and distribution in Ribault River and Moncrief Creek in Jacksonville, NE Florida.	Animals: Entomology/Invertebrates/Parasitology
7	11310	Searching for a Host: Trematode community of snails in a suburban pond in Gwinnett Co. Georgia	Animals: Entomology/Invertebrates/Parasitology
9	11049	Investigation of organic blatticomposting as an alternative to conventional fertilizer	Animals: Entomology/Invertebrates/Parasitology
11	11123	The Terrestrial Isopods (Isopoda: Oniscidea) of Alabama	Animals: Entomology/Invertebrates/Parasitology
13	10805	Using a Geoecological Perspective to Refine the Distribution of the Yellow-Spotted Woodland Salamander (*Plethodon pauleyi*)	Animals: Herpetology
15	10731	Catch Me if You Can: A Survey of the Turtles in an Isolated Urban Pond	Animals: Herpetology
17	10881	Habitat Segregation Between the Larvae of Two Plethodontid Salamander Species in Appalachian Streams	Animals: Herpetology
19	10880	Effect of Icariin on *Mus musculus* female reproductive tract morphology	Anatomy and Physiology
21	11033	The Effect of Intermittent Fasting on Blood Glucose and Ketone Levels in Adult Fischer Rats	Anatomy and Physiology
23	11002	Analysis of L-Cysteine as a Potential Protective Agent Against Cannabidiol-Induced Toxicity in Xenopus Embryos	Developmental Biology
25	11190	The Effect of *In Ovo* Zinc Sulfate Treatment on CuSOD mRNA Expression in the Developing Broiler Chicken Embryonic Brain	Developmental Biology
27	10797	Characterization of Tau and Amyloid-β Pathology in a Novel Mouse Model of Alzheimer's Disease	Cell and Molecular Biology
29	10888	Elucidating the Structure of Human Apo-HK2	Cell and Molecular Biology
31	11025	Assessing the Effects of Anti-Inflammatory Compounds on TDP-43 Induced ALS Using C. elegans Model	Cell and Molecular Biology
33	11013	PD-1 Blockade Induced Bone Loss Occurs in a T-Cell Dependent Manner and May Be Mediated by IFNγ-Driven Osteoclast Activation	Cell and Molecular Biology
35	11059	Biotinylation of Human PIGW Protein for Binder Selection	Cell and Molecular Biology
37	11114	Exploring EVs: Isolation of Bacterial EVs To Stimulate a Healthy Gut	Cell and Molecular Biology
39	11139	Associative learning of the Manduca Sexta	Cell and Molecular Biology
41	11153	Physiological Drivers of Toxoplasma gondii Egress Under Menadione-Induced Oxidative Stress	Cell and Molecular Biology
43	11216	Potential Environmental Triggers of Goodpasture's Disease and the Role of the Sulfimine Crosslink	Cell and Molecular Biology
45	11251	Synergistic Effects of Doxorubicin and Māmaki Tea in Gastric Cancer	Cell and Molecular Biology
47	11285	Testing an Interaction Between Dbp5 and Mex67 Using a Split-Ubiquitin Yeast Two-Hybrid System	Cell and Molecular Biology
49	11289	Exploring EVs: Enhancement of EV-Mediated Bone Marrow Stem Cell Regrowth in Scratch Assays	Cell and Molecular Biology
51	11386	PARK2 Variant of Unknown Significance Asp243Asn Bioinformatic Analysis	Genetics
53	11398	COL4a5 variant Pro71Leu bioinformatic analysis as relates to Alport syndrome	Genetics
55	10974	Laser-Induced Transcriptomic Analysis In Sunflowers.	Genetics
57	10911	Synergistic Effects of Cannabidiol on Growth Suppression and Biofilm Disruption in Multidrug-Resistant *Candida auris*	Microbiology
59	10951	Evaluating E. coli as an Indicator of Pathogenic Contamination in the Cumberland River Using Nanopore Sequencing	Microbiology
61	11068	Antimicrobial Activity of Cuachalalate (*Amphipterygium adstrigens*) via Traditional Folk Remedy Extraction Methods.	Microbiology
63	11204	Detection of the blaCTX-M antibiotic resistance gene in freshwater streams near cattle farms in Northeast Georgia	Microbiology
65	11296	Types of Microbes Filtered through Wood Grits	Microbiology
67	11344	A Molecular Exploration of the Effects of Geneticin, an Aminoglycoside, on Salmonella typhimurium	Microbiology
69	10901	MtrR Regulates a Major Lytic Transglycosylase (*ltgA*) Responsible for Peptidoglycan-Derived Cytotoxin Release and Autolysis in *Neisseria gonorrhoeae* .	Microbiology
71	11074	Disease Ecology Without Borders: Fifteen Years of Canine Pythiosis Reveal Environmental Patterns and Host-Level Disease Dynamics	Microbiology
73	11298	Assessing Tropical Storm Helene Damage on UNCA's Chestnut Ridge Forest to Guide Recovery	Ecology: Climate
75	11379	Functional Trait Responses to Simulated Warming in a Southeastern Prairie	Ecology: Climate
77	11091	Faunal Colonization of Newly Installed Cover Boards with Comparison to a Long Established Set	Ecology: Communities
79	10910	Bacterial Community Shifts as Possible Indicators of Eutrophication in Canal and Wetland Waters	Ecology: Communities

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THURSDAY MORNING (8:30-9:45 AM)			
Poster #	**Paper ID**	**Title**	**Topic**
81	11105	Community Resilience and Response to Salinity Gradients in Streams Flowing into Biscayne Bay in Florida	Ecology: Communities
83	11184	Delayed Rainfall Following Storm Events Reduces Shrub Survival in Coastal Grasslands	Ecology: Communities
85	11213	Impact of Group Selection Harvests on Longleaf Pine (Pinus Palustris) Understory Plant Communities	Ecology: Communities
87	11119	Carbon costs, not gains drive invasion success in southeastern forests	Ecology: Conservation
89	11189	Vertebrate Activity Around Rock Piles in North Georgia	Ecology: Conservation
91	11361	Utilizing Bioclimatic Variables to Compare the Geographic Range of *Trichonephila clavata* in Native Versus Nonnative Populations and Predict Potential Nonnative Range Expansion	Ecology: Conservation
93	11552	Local Adaptation in Federally Endangered Shorts Bladderpod (*Physaria globosa)*	Ecology: Conservation
95	10979	Soil quality responses to tree plantings in Virginia pasturelands	Ecology: Conservation
97	11008	Examining angiosperm conservation methods through the diet of *Bombus pensylvanicus*	Ecology: Conservation
99	11083	Impact of Plant Ecophysiological Traits and Canopy Shading on Live Fuel Moisture Content in Longleaf Pine (Pinus palustris Mill.) Forests	Ecology: Conservation
101	11001	Understanding resource, connectivity, and edge effects for *Opuntia mesacantha* and its specialist herbivore *Dactylopius coccus* .	Ecology: Ecosystems and Landscapes
103	10723	Tree Diversity on Augusta University's Summerville Campus Throughout the Years.	Ecology: Ecosystems and Landscapes
105	10869	Effects of Tropical Storm Helene on Stream Habitat in the Upper French Broad River Basin	Ecology: Ecosystems and Landscapes
107	11140	Grasslandia: Lost Grasslands of the Southeast	Ecology: Ecosystems and Landscapes
109	10890	Size distribution and species diversity for crayfish in Giles County, Pulaski, Tennessee	Ecology: Freshwater
111	11046	The Impacts of Historic Land Use on the Diversity of Fish Populations in Anderson County, South Carolina	Ecology: Freshwater
113	11368	Fish Community Structure as a Bioindicator of Water Quality in Pleasant Run Creek, Pulaski, Tennessee	Ecology: Freshwater
115	10849	An Examination of the Impacts of Road-crossing Barriers on Fish Assemblages in two Streams in Southeast Tennessee	Ecology: Freshwater
117	11053	Restoring Connectivity: A Large-Scale Dam Removal in Southeast Alabama	Ecology: Freshwater
119	11214	Effect of Size Dependent Predation on Eastern Oysters (*Crassostrea virginica*); A Field Experiment	Ecology: Marine
121	11424	A cost-effective design for salt marsh mesocosms	Ecology: Marine
123	11412	Investigating Patterns of Brain and Skull Breast Cancer Metastasis Using Invasion Ecology Frameworks	Ecology: Physiological
125	11607	Impact of PVC Microplastics on the Growth of *Raphanus sativus*	Ecology: Physiological
127	11228	Water Knows: Molecular Monitoring of Dolphins in the St. Johns River.	Ecology: Populations
129	10784	Digitizing the Plant Fossil Collection at the Marshall University Herbarium	Plant Collections and Herbaria
131	10922	Integrating Taxonomic, Phylogenetic, Morphological, and Chemical Approaches to Differentiate Poisonous *Veratrum* spp. (False Hellebore) from *Allium tricoccum* (Ramps)	Plant Collections and Herbaria
133	10746	Checklist of the Mosses (Bryophyta) of the Lake Thoreau Environmental Center, Forrest and Lamar Counties, Mississippi	Plant Floristics
135	10827	Ethnobotanical Continuity and Change in Medicinal Plant Use in Fernbank Forest, with Reference to Muscogee and Cherokee Tribes' Knowledge and Historical Herbarium Collections	Plant Floristics
137	10886	The Alligator Weed's Stress Due to Metal Exposure	Plant Physiology
139	10789	Uptake and Distribution of Microplastics in Native Gulf Coast Plant Species	Plant Physiology
141	11524	The effects of Phoradendron Lecarpum infestation on tree health and the factors influencing host favorability in Phoradendron Lecarpum establishment	Plant Physiology
143	10717	Transitioning from Scientist to Educator: Lessons Learned and New Strategies to Enhance Medical Education	Scholarship of Teaching and Learning
145	10921	Role-play improves long-term retention of information	Scholarship of Teaching and Learning
147	11146	Preliminary Studies: Incorporating the MycoEd Genomics Module into a General Ecology Course	Scholarship of Teaching and Learning

ASB 2026 Poster Presentation Schedule

THURSDAY AFTERNOON (3:45-5:00 PM)			
Poster #	**Paper ID**	**Title**	**Topic**
2	11619	Circadian Regulation of ABC Transporter Protein *Neurospora Crassa*	Cell and Molecular Biology
4	11208	Benefits of polyandry in the marbled salamander, *Amybstoma opacum* : insights from parentage analysis	Animal: Behavior
6	11088	Seasonal Dynamics of *Alloglossidium Progeneticum* in Native and Invasive Crayfish	Animals: Entomology/Invertebrates/Parasitology
8	11017	Elucidating *Elimia* : Affinities of North Carolina Freshwater Snails	Animals: Entomology/Invertebrates/Parasitology
10	11116	Parasitic Hymenopteran diversity on a college campus in northwest Tennessee.	Animals: Entomology/Invertebrates/Parasitology
12	11138	The Strain of Foraging: Energetic Demands of Floral Structure on Bumble Bee Pollination	Animals: Entomology/Invertebrates/Parasitology
14	10906	Eastern Hellbender Populations Post-Hurricane Helene	Animals: Herpetology
16	11385	Footsteps and the Forest Floor: Salamander Response to Trail Proximity	Animals: Herpetology
18	10949	The Effects of CBD and Caffeine on the Embryonic Development of *Xenopus laevis*	Animals: Herpetology
20	10774	The Immunomodulatory Effects of Active Vitamin D3: A Dose-Dependent Suppression of Inflammatory Cytokines from LPS Challenged RAW 246.7 Cells.	Anatomy and Physiology
22	10981	Predictive Modeling and Machine Learning to Optimize Cardiomyocyte Differentiation	Developmental Biology
24	11181	The effect of microplastics on the development of plants: A molecular approach	Developmental Biology
26	10747	Determining the Synergistic Inhibition and Transcriptional Relationship Between RRM2 and STAT3 in Gastric Cancer cells	Cell and Molecular Biology
28	10835	Indisulam Augments RRM2 Inhibitor Osalmid Against Ovarian Cancer	Cell and Molecular Biology
30	10970	Investigating the Synergy by Targeting RRM2 and Seritonin Against Gastric Cancer Cell Growth	Cell and Molecular Biology
32	11051	Investigating *FAT* cadherin associated polarity and EMT signatures in breast cancer	Cell and Molecular Biology
34	11055	Mechanisms Underlying Ionizing Radiation Tolerance in the Tardigrade Paramacrobiotus experimentalis	Cell and Molecular Biology
36	11106	Identification of Nuclear and Cytoplasmic mRNP Remodeling Targets of the DEAD-box Protein Dbp5 by a Multi-Copy Suppressor Screen	Cell and Molecular Biology
38	11137	Opening the door to understanding mechanisms of DNA damage resistance: Assaying the resistance of the tardigrade *Hypsibius exemplaris* to Dimethyl sulfoxide and Methotrexate	Cell and Molecular Biology
40	11151	Investigating the role of *tle4* in mobile cilia in *S.mediterranea* and primary cilia in hTERT-RPE1 cells	Cell and Molecular Biology
42	11203	Cannabidiol as a Modulator of the Recurrent Ewing's Sarcoma Microenvironment	Cell and Molecular Biology
44	11236	Metabolic health is improved in lethal yellow mice during inhibition of lipid oxidation in skeletal muscle	Cell and Molecular Biology
46	11283	Mapping the Dbp5–Nab2 Interaction Interface by Split-Venus Counter-Screening	Cell and Molecular Biology
48	11287	Development of an Endogenous SSA4::Ubi-GFP Reporter to Study Selective mRNA Export During Cellular Stress	Cell and Molecular Biology
50	11350	An Investigation into the Marbling Phenotype of *Betta splendens*	Genetics
52	11397	MPL Variant F105L Bioinformatic Analysis as Relates to Pericarditis	Genetics
54	10863	Genetic diversity estimates for *Liatris helleri*	Genetics
56	10726	Mpox in Georgia: A Comparative Analysis of Case Reports and Epidemiologic Trends	Microbiology
58	10932	Application of the Clermont Quadruplex PCR Method to Examine Host-Associated *Escherichia coli* Phylogroups	Microbiology
60	11023	Shell Shocked: How Toxins and Salt Stir Up Oyster Microbiomes	Microbiology
62	11089	Detecting the Presence of Antibiotic Resistance Genes (ARGs) in Waterways in Proximity to Different Hospitals in North Georgia.	Microbiology
64	11279	Synergistic Antibacterial Activity of Sulbactam and Gallium Nitrate Against *Acinetobacter baumannii*	Microbiology
66	11308	Assessing the Impact of Nicotinamide Riboside (NR) on Microbial Growth	Microbiology
68	11378	Using 16S Metabarcoding to Infer Nutrient-Cycling Potential in Improved Pasture Soils at Buck Island Ranch Across Grazing Treatments	Microbiology
70	11024	Utilizing Rheology to Explore the Adhesive Properties of Bacterial Biofilm on Medical Devices	Microbiology
72	11176	Contribution of Land Conversions and Soil-Based Emissions to Risks in the State of Louisiana (USA)	Ecology: Climate
74	11376	Shifts in Vegetation Phenology Across Alabama and Their Relationships with Seasonal Temperature Using MODIS Time-Series Data	Ecology: Climate
76	10977	Character Displacement of Native Species and Closely Related Invasive Species	Ecology: Communities
78	11408	Does habitat occupancy correlate with prey availability for a declining raptor? Insights from a novel acoustics and road-survey monitoring method	Ecology: Communities
80	11069	USNVC 3.0: A vegetation classification framework for biodiversity monitoring, conservation planning, and natural resource management across the U.S.	Ecology: Communities

ASB 2026 Poster Presentation Schedule

THURSDAY AFTERNOON (3:45-5:00 PM)			
Poster #	**Paper ID**	**Title**	**Topic**
82	11135	Predicting Avian Assemblage Based on Habitat Structure in Riparian Ecosystems	Ecology: Communities
84	11186	Repeated Storm Disturbance Limits Growth of the Encroaching Shrub, *Morella cerifera,* in Coastal Grasslands	Ecology: Communities
86	11029	Unraveling the Effect of Cogongrass (*Imperata cylindrica)* and Prescribed Fire on Soil Bacterial Composition in Longleaf Pine Forests	Ecology: Conservation
88	11120	Corridor and edge effects on Red Imported Fire Ant (*Solenopsis invict* a) and Harvester Ant (*Pogonomyrmex badius*) nest distribution	Ecology: Conservation
90	11272	Spectral Indices as Diagnostic Tool for Stress Monitoring and Pest Detection in Restoration and Conservation of Longleaf Pine Ecosystems in Southeast United States	Ecology: Conservation
92	11480	Evaluating the Effectiveness of Ranger Patrols in Reducing Fire in Madagascar's Protected Areas	Ecology: Conservation
94	10903	Utilizing fuzzy cognitive mapping to assess perceptions of coastal socio-ecological stressors along the Northern United States Gulf Coast.	Ecology: Conservation
96	10993	A Twenty-Year Retrospective Study of Stream Restoration and Biodiversity Implications: A Case Study from Smith Creek, VA	Ecology: Conservation
98	11063	Fruit for fish, information gathering to develop floodplain tree replanting practices to improve fisheries.	Ecology: Conservation
100	10943	Mapping the Edge: Analysis of the Florida Wildlife Corridor	Ecology: Ecosystems and Landscapes
102	11233	Alabama Prairie Reconstruction: Comparing Management Pathways for a Southeastern Landscape	Ecology: Ecosystems and Landscapes
104	10853	Fire Effects on Vegetative Growth in Northwestern North Carolina	Ecology: Ecosystems and Landscapes
106	10871	Fire History of Hanging Rock State Park, NC and Correlation to Management Regimes	Ecology: Ecosystems and Landscapes
108	10802	The immediate effects of stream restoration on aquatic macroinvertebrates in West Branch Rocky River	Ecology: Freshwater
110	11034	Fish Assemblage and Microhabitat Level Measurements Across South Carolina Piedmont Streams	Ecology: Freshwater
112	11178	Chloroplast and Mitochondrial Genomes of Sphaerosorus coelastroides Pascher(Xanthophyceae) from Central Appalachia, Clinch River, Virginia, USA.	Ecology: Freshwater
114	10730	Using Macroinvertebrates To Assess The Effects Of Tropical Storm Helene In The Swannanoa River Watershed	Ecology: Freshwater
116	11031	Optimization of Methods for Hatching Freshwater Sponge in The Laboratory	Ecology: Freshwater
118	10711	Sperm whale acoustics provide insights into habitat use and seasonality in the Gulf of Maine	Ecology: Marine
120	10936	Sound Solutions: Evaluating Ultrasound as an Innovative Approach to Mitigate Harmful Algal Blooms in Florida's Estuarine Canals	Ecology: Marine
122	11493	Determining Best Practices In Nursery Production Of *Spartina alterniflora* For Use In Salt Marsh Restoration	Ecology: Marine
124	11613	Willow oak (*Quercus phellos*) trees with red autumn leaves do not differ in leaf N or drought stress, but may differ in parasite load, compared to trees with yellow leaves	Ecology: Physiological
126	11011	Shiny Apps for Distribution Modeling	Ecology: Populations
128	11487	The Louisiana Freshwater Sponge Project: a comprehensive analysis of the freshwater sponge population and its shift in species richness	Ecology: Populations
130	10786	From Field to Herbarium: Historical Artifacts in Plant Research and Collection	Plant Collections and Herbaria
132	11249	Compositae In a Crate: A Botanist's teaching tool	Plant Collections and Herbaria
134	10751	The Species and Distribution of Woodsorrels (*Oxalis* , Oxalidaceae) in Mississippi	Plant Floristics
136	11277	A preliminary floristic survey of Dunn's Mountain: a granite monadnock community in the central piedmont of North Carolina	Plant Floristics
138	11072	Olivine Weathering as a Carbon Sequestration Tool and Its Impact on *Spartina alterniflora* Growth	Plant Physiology
140	11306	Variation of Acetogenin Concentrations in Pawpaw (*Asimina triloba*) Leaves Across North Carolina: Therapeutic and Neurotoxic Implications	Plant Physiology
142	11538	Exploring the genetic differences between red and yellow autumn leaf coloration in Quercus phellos	Plant Physiology
144	10873	Exploring the Miniature Marvels of Southeastern Forests and Fields: A Curriculum Guide for K-12 Education	Scholarship of Teaching and Learning
146	10955	Budget Science: How to design inquiry-based labs when you are resource limited	Scholarship of Teaching and Learning
148	11183	Escaping the High-Stakes Final: A Low-Stakes Escape Room Grand Finale for Undergraduate Biostatistics	Scholarship of Teaching and Learning

ASB 2026 Poster Presentation Schedule

THURSDAY AFTERNOON TRIBETA (3:45-5:00 PM)			
Poster #	**Paper ID**	**Title**	**Topic**
BBB2	10716	Characterization of non-canonical translation initiation in Drosophila melanogaster insulin signaling genes	Cellular/Molecular/Biomedical/Genetics
BBB4	10761	Analysis of Actb cryptic transcription activity utilizing Xenopus laevis egg extract	Cellular/Molecular/Biomedical/Genetics
BBB6	10819	Regulation of the R3 Sheddase PRSS8 through Statin-Modulated Cholesterol Homeostasis Pathways Reduces TGF-β Signaling in Cancers	Cellular/Molecular/Biomedical/Genetics
BBB8	10891	The Effects of Intermittent Fasting on Klotho Protein Expression in Rat Hippocampus	Cellular/Molecular/Biomedical/Genetics
BBB10	11037	Involvement of the ASER and ASEL neurons in nicotine state-dependent learning in Caenorhabditis elegans	Cellular/Molecular/Biomedical/Genetics
BBB12	11109	Invasion Potential and Gene Expression Changes in Nuclear Factor-KappaB Altered Macrophages in Triple-Negative Breast Cancer	Cellular/Molecular/Biomedical/Genetics
BBB14	11110	Looking for a change of the guard in the parties of your mouth: examining diurnal rhythms of the human oral microbiome	Cellular/Molecular/Biomedical/Genetics
BBB16	11117	Investigating the Mechanistic Effect of Chlorine Dioxide in a Cancer Cell Model	Cellular/Molecular/Biomedical/Genetics
BBB18	11154	Establishing a pipeline for characterizing the antimicrobial activity of environmental Pseudomonas isolates	Cellular/Molecular/Biomedical/Genetics
BBB20	11168	Microbial Menagerie: Identification and characterization of probiotic species from kombucha	Cellular/Molecular/Biomedical/Genetics
BBB22	11180	Role of Metal Ions in Bacterial Biofilm Formation.	Cellular/Molecular/Biomedical/Genetics
BBB24	11274	BLK Expression and Its Role in Embryonic Development in Zebrafish (Danio rerio)	Cellular/Molecular/Biomedical/Genetics
BBB26	11281	Weight Loss-Associated Metabolite and Its FDA-Approved Analog Exhibit Anticancer Properties in Breast Cancer: Implications for Secondary Preve	Cellular/Molecular/Biomedical/Genetics
BBB28	11321	Biochemical analysis of the microbiome and proteome of dog saliva.	Cellular/Molecular/Biomedical/Genetics
BBB30	11341	Illuminating Delivery: Using Split Broccoli to Test if DNA Aptamers Deliver Nucleic Acids into Bacteria	Cellular/Molecular/Biomedical/Genetics
BBB32	11373	From Ecology to Pharmacology: Antibiotic Discovery from Soil Bacteria	Cellular/Molecular/Biomedical/Genetics
BBB34	11458	The Effects of Alternate Day Fasting on LDL Cholesterol and ApoB Protein Levels in Rats	Cellular/Molecular/Biomedical/Genetics
BBB36	11474	The Effects of pH on Bacterial Growth and Antibiotic Efficiency	Cellular/Molecular/Biomedical/Genetics
BBB38	11526	A Bite of Insight: Gene Expression in Ticks & Hosts for Understanding Viral Transmission	Cellular/Molecular/Biomedical/Genetics
BBB40	11546	Shimmering Scorpions: Understanding Fluorescence with Genomics	Cellular/Molecular/Biomedical/Genetics
BBB42	11554	Impact of Cortisol on the Chemotherapeutic Effectiveness of Cisplatin in MCF-7 Breast Cancer Cells	Cellular/Molecular/Biomedical/Genetics
BBB44	11559	The Effect of Caloric Restriction on PINK1/Parkin Pathway and Mitophagy	Cellular/Molecular/Biomedical/Genetics
BBB46	11587	Exploring the Impact of ADHD Medications on Breast Cancer Cells	Cellular/Molecular/Biomedical/Genetics

ASB 2026 Poster Presentation Schedule

FRIDAY MORNING (8:30-9:45 AM)			
Poster #	**Paper ID**	**Title**	**Topic**
149	11317	Perimenstrual behavioral changes in female bonobos (*Pan paniscus)*	Animal: Behavior
151	11576	The behavioral interactions of an invasive and native crayfish in the Conecuh River watershed of southern Alabama	Animal: Behavior
153	11596	Evolutionary and Ecological Drivers of Female-Limited Polymorphic Batesian Mimicry in *Papilio glaucus*	Animals: Entomology/Invertebrates/Parasitology
155	11194	Determining the Diets of Endangered Freshwater Mussels Using Environmental DNA	Animals: Entomology/Invertebrates/Parasitology
157	11542	Metal-enriched cuticle is widespread among larvae of different lepidopteran lineages	Animals: Entomology/Invertebrates/Parasitology
159	11590	Associating container-breeding mosquito oviposition activity with land-cover and microclimatic factors in the central piedmont of North Carolina	Animals: Entomology/Invertebrates/Parasitology
161	11586	Turtle basking behavior in an urban wetland.	Animals: Herpetology
163	11036	Evaluating character displacement in reproductive phenotypes in syntopic populations of Two-Lined Salamanders	Animals: Herpetology
165	11282	Seasonal movement patterns and habitat use of Spotted Turtles (*Clemmys guttata*) in coastal South Carolina population	Animals: Herpetology
167	11441	A survey of amphibians and reptiles across different habitat types at the “Natural Area” of the Reelfoot Lake Environmental Field Station in Obion County, TN	Animals: Herpetology
169	11324	Temperature as a Double-Edged Sword: Developmental and Metabolic Consequences in *Nasonia vitripennis*	Anatomy and Physiology
171	11578	Preliminary analysis of heterodonty in Blacknose Sharks (*Carcharhinus acronotus*) from the northern Gulf of Mexico, USA	Anatomy and Physiology
173	11182	Determining the SPF of a Natural Sun Protectant by Spectrophotometric Analysis	Cell and Molecular Biology
175	11329	Requirements for Mechanosensitive Proteolytic Cleavage for Notch Signal Transduction	Cell and Molecular Biology
177	11499	Ketoconazole Enhances the Antitumor Activity of ATM Inhibition in Ovarian Cancer Cells	Cell and Molecular Biology
179	11196	Evaluating the Photoprotective Efficacy and Stability of a Homemade Sun Balm Using Yeast UV Survival.	Cell and Molecular Biology
181	11292	Testing Conserved Dbp5 Surface Residues for Interaction with Nab2	Cell and Molecular Biology
183	11294	Generating a GFP Reporter via CRISPR to Visualize *SSA4* Expor	Cell and Molecular Biology
185	11312	Dose-Dependent Effect of Ramelteon on TNBC Cells	Cell and Molecular Biology
187	11370	Comparative Effects of Cannabinoids on Cancerous and Non-Cancerous Cell Lines	Cell and Molecular Biology
189	11429	Circadian protein interactions	Cell and Molecular Biology
191	11492	Circadian Protein Interactions and Phosphorylation Processes	Cell and Molecular Biology
193	11564	Employing immunofluorescence to evaluate the MYC-EGR1 pathway in human colorectal cancer cells with and without functional p53	Cell and Molecular Biology
195	11570	Assessing the role of EGR1 in invasive migration of p53-variant colorectal cancer cells	Cell and Molecular Biology
197	11401	Bioinformatic Analysis of the APP Variant c.1090C>T (p.Leu364Phe) Associated with Alzheimer’s Disease	Genetics
199	11574	Gene Expression Dynamics of Venom Replenishment Across Time in *Centruroides vittattus*	Genetics
201	11254	Activation of Human Notch Receptors in a Humanized System within *Drosophila melanogaster*	Genetics
203	11592	Dynamic Duo: FOXI3 and TGF-Beta Orchestrate Opposing Phenotypic Shifts in Prostate Cancer Progression	Genetics
205	10985	Analysis of genetic diversity in in situ and ex situ populations of the federally endangered carnivorous plant, *Sarracenia jonesii.*	Conservation Genetics
207	11381	Evolution in Syntrophy: Visualizing Lineage Dynamics Over 1,000 Generation	Microbiology
209	11449	Pushing the Limits: Defining the capacity for *Vibrio cholerae* to utilize fatty acids for growth, biofilm formation and membrane phospholipid remodeling	Microbiology
211	11575	Campus Nature-Based Solutions Contain Little Variation in Soil Microbial Community Diversity	Microbiology
213	11437	A luminescence-based approach to study dinucleotide alarmone regulation in *Staphylococcus aureus*	Microbiology
215	11550	Environmental Filtering of Aquatic Microbiomes: RDA Reveals Drivers from Habitat to Chemistry in the Upper Saluda Watershed.	Microbiology
217	11582	Evaluating Bacterial Community Collection in Germination Inoculum Produced from Salt Marsh Soil	Microbiology
219	11374	Spatial Biodiversity of Soil Diatoms in the Tallapoosa River Basin, Georgia	Microbiology
221	11442	Assessment of Microbial and Chemical Contamination in North Georgia Roadside Springs	Microbiology
223	11604	Linking Spectra-Based Stress Detection to Tree Physiology and Soil Microbes in Bottomland Hardwood Forests	Ecology: Climate
225	11579	Alteration of Mature *Pinus taeda* Water Use Following Saltwater Intrusion: Impacts of Degrading Forest Health on Barrier Islands	Ecology: Climate
227	11580	Comparing Environmental Variables as Predictors of Mammalian Species Richness	Ecology: Climate

ASB 2026 Poster Presentation Schedule

FRIDAY MORNING (8:30-9:45 AM)			
Poster #	**Paper ID**	**Title**	**Topic**
229	11464	Analyzing weaknesses in machine learning use for camera trap research	Ecology: Communities
231	11608	Bird Species Richness and Abundance at Warner Parks, Nashville, Tennessee based on Anthropogenic Noise Pollution	Ecology: Communities
233	11220	Impact of Seasonality, Depth, and Habitat on Turtle Grass (*Thalassia testudinum)* Growth in Puerto Rico	Ecology: Communities
235	11471	Exploring animal activity patterns across season in Upstate South Carolina	Ecology: Communities
237	11563	Exploring ecological symphonies: unraveling shifts in phenophases of trees vis-à-vis a changing climate	Ecology: Communities
239	10788	A Dynamic Duo: Isolating and Identifying Orchid Mycorrhizal Fungi Necessary to the Growth and Success of *Cypripedium arietinum*	Ecology: Conservation
241	10822	Investigating the development and mycorrhizal communities of American, Chinese, and hybrid chestnut seedlings.	Ecology: Conservation
243	10804	Forgotten but not gone: endangered turtle community surveys in Cat Tien National Park, Vietnam.	Ecology: Conservation
245	10836	Monitoring arthropod community responses to prairie restoration interventions	Ecology: Conservation
247	11199	Diurnal and Position Related Trends in Dead and Live Fine Fuel Moisture of Pyrophytic Bunchgrasses	Ecology: Conservation
249	11404	Utilization of eDNA to Track Snake Fungal Disease in Northern Georgia	Ecology: Conservation
251	11477	From Data to Decision-Making: Using Field Guides and Fact Sheets to Advance Biodiversity Awareness in Alabama	Ecology: Conservation
253	11243	The Effect of Extended Drawdown on Soil Organic Matter Content in Exposed Lakebed Sediments Along a Drawdown Gradient	Ecology: Ecosystems and Landscapes
255	11602	Germination techniques for restoration of longleaf pine understory species.	Ecology: Ecosystems and Landscapes
257	11377	Mapping Ecological Zones Using Terrain-Derived Environmental Models Across the Cumberland Plateau and Cumberland Mountains	Ecology: Ecosystems and Landscapes
259	11420	Comparison of periodic soil and water physiochemical characteristics for blackwater and alluvial wetlands over a seven county area in southern Alabama.	Ecology: Ecosystems and Landscapes
261	11470	Native Tree Success in Riparian Restoration Zones in Rockingham County, Virginia	Ecology: Ecosystems and Landscapes
263	11380	Bacterial abundance in headwater streams draining various land covers across a wide elevational range within the South Carolina Piedmont	Ecology: Freshwater
265	11615	Ecological effects of abaxial anthocyanin pigments in floating leaves of aquatic plants	Ecology: Freshwater
267	11454	Quantitative Stream Health Assessment of Pleasant Run Creek based on Aquatic Macroinvertebrate Communities	Ecology: Freshwater
269	11488	Utilizing spicules in sediment samples to further define species richness of freshwater sponge populations in Louisiana	Ecology: Freshwater
271	11413	Establishing baselines: Macroinvertebrate assemblages associated with blackwater streams and wetlands in Alabama	Ecology: Freshwater
273	11346	Pawpaws and Paleoecology: Examining the role of Megafauna in the range dynamics of *Asimina triloba*	Ecology: Populations
275	11489	App development for data validation of scientific collection processes in the Louisiana Freshwater Sponge Project	Ecology: Populations
277	11407	Investigating responses of arbuscular mycorrhizal fungi to the transitioning Lake Conway environment resulting from a drawdown	Mycology and Lichenology
279	10919	Characterization of fungal canker disease in ex-situ *Torreya taxifolia*	Mycology and Lichenology
281	10997	Surveying the Grand Strand: Using Morphology and Genetics to Document Local Macroalgal Biodiversity	Plant Collections and Herbaria
283	11278	New and Noteworthy Vascular Plant Records For Alabama.	Plant Collections and Herbaria
285	11273	Rich but at Risk: Floristic Diversity and Exotic Invasion in an Urban Piedmont Forest	Plant Floristics
287	11444	From Bog to Greenhouse: Conservation of *Sarracenia rubra* ssp. *gulfensis* in Alabama	Plant Floristics
289	11268	Developing cytogeographic methods for the study of Chelone erwiniae, a Southern Appalachian endemic polyploid plant.	Plant Systematics
291	10894	Learning to Identify Plants and Animals with Games	Scholarship of Teaching and Learning
293	11498	Integration of a Tiny Earth CURE into a microbiology course and Student Perceptions of Research	Scholarship of Teaching and Learning
295	11609	Assessing First Year Student Gains from Attendance at an On-Campus Student Research Symposium	Scholarship of Teaching and Learning
297	11466	Evaluating Larval Eastern Oyster Responses to Algal Turf Scrubber Biomass as a Dietary Replacement Versus Traditional Commercial Diet	

ASB 2026 Poster Presentation Schedule

FRIDAY MORNING TRIBETA (8:30-9:45 AM)			
Poster #	**Paper ID**	**Title**	**Topic**
BBB1	10762	Infection in Unforeseen Waters: The Prevalence of V.vulnificus in tidal flooding waters on the Charleston Peninsula	Environmental/Organismal/Toxicological/Ecological
BBB3	10763	Investigation and Characterization of Mutagenic Compounds in Charleston Estuary Ecosystems	Environmental/Organismal/Toxicological/Ecological
BBB5	10791	Below the Trap: Native Venus' Flytrap Root Fungal Association Identification	Environmental/Organismal/Toxicological/Ecological
BBB7	10816	Effects of compost type and soil microbiome additions on native forb establishment in longleaf pine ecosystem.	Environmental/Organismal/Toxicological/Ecological
BBB9	10817	Developing two mitochondrial gene markers to characterize larval amphibian communities in longleaf pine isolated wetlands.	Environmental/Organismal/Toxicological/Ecological
BBB11	10868	A Baseline Assessment for Mammalian Diversity at the Mercer University Observatory and Field Station	Environmental/Organismal/Toxicological/Ecological
BBB13	10882	A novel experimental approach for studying sexual selection and male mate choice in wild turtles	Environmental/Organismal/Toxicological/Ecological
BBB15	10883	Exploring the presence of Wolbachia in insects for biocontrol applications	Environmental/Organismal/Toxicological/Ecological
BBB17	10889	Testing the role of thyroid hormone signaling in regulating opportunistic breeding	Environmental/Organismal/Toxicological/Ecological
BBB19	10902	Ghost Crabs Take the Spotlight: Ambient Artificial Light Pollutions' effect on Atlantic Ghost Crabs (Ocypode quadrata)	Environmental/Organismal/Toxicological/Ecological
BBB21	10907	Lake it or not, these communities are teeming with microbial diversity	Environmental/Organismal/Toxicological/Ecological
BBB23	11047	Examining the diversity and protective functions of the Salamander microbiota	Environmental/Organismal/Toxicological/Ecological
BBB25	11124	Assessing the appropriateness of PhyoPAM-II to quantify phytopigment concentrations of the Lake Pontchartrain Basin.	Environmental/Organismal/Toxicological/Ecological
BBB27	11170	Assessing Tarballs as Reservoirs for Enteric Pathogens and Environmental Bacteria along the Alabama Gulf Coast	Environmental/Organismal/Toxicological/Ecological
BBB29	11173	Detection of Emerging Pathogenic Threats and Antibiotic Resistance Markers in Marine Tarball Biofilms	Environmental/Organismal/Toxicological/Ecological
BBB31	11191	Determining Soil Bacteria Abundance and Importance to Nutrient Uptake and Crop Yield in Biochar Fertilizers	Environmental/Organismal/Toxicological/Ecological
BBB33	11286	A Century Later: Re-evaluating Seymeria Species Delimitation Using Morphometrics	Environmental/Organismal/Toxicological/Ecological
BBB35	11316	Creatures of the night: Modelling nocturnality in South Carolina mammals	Environmental/Organismal/Toxicological/Ecological
BBB37	11364	Acorn Size Does Not Predict Acorn Weevil Larval Size Across Six Oak Species	Environmental/Organismal/Toxicological/Ecological
BBB39	11390	Effects of experimental warming and altered precipitation on colonies of Aphaenogaster rudis	Environmental/Organismal/Toxicological/Ecological
BBB41	11438	Biodiversity of Centrarchid Parasites of North Alabama	Environmental/Organismal/Toxicological/Ecological
BBB43	11451	Experimental test of ephippial use for reconstructing zooplankton histories	Environmental/Organismal/Toxicological/Ecological
BBB45	11460	The effect of coyote presence on fox activity patterns in the Southeastern US	Environmental/Organismal/Toxicological/Ecological
BBB47	11461	Defining the flock: What drives avian community composition?	Environmental/Organismal/Toxicological/Ecological
BBB49	11560	To Brit or not to Brit: A taxonomic study of Artomyces pyxidatus	Environmental/Organismal/Toxicological/Ecological
BBB51	11611	Food intake of eastern box turtles (Terrapene carolina carolina) during rehabilitation.	Environmental/Organismal/Toxicological/Ecological

ASB 2026 Poster Presentation Schedule

FRIDAY AFTERNOON (3:45-5:00 PM)			
Poster #	**Paper ID**	**Title**	**Topic**
150	11522	Testing for Kairiomone-Moderated Anti-Predator Responses in *Pleurocera laqueta*	Animal: Behavior
152	11603	There are no Perfect Parents: Exploring Trade-offs between Nest Defense and Offspring Provisioning in Tree Swallows (*Tachycineta bicolor*)	Animal: Behavior
154	11158	Early Intervention in Helminth Infections: Investigating the Effect of albendazole on *C. elegans* Egg Hatch Rate and Health	Animals: Entomology/Invertebrates/Parasitology
156	11323	First Taxonomic Survey of Saltwater Rotifers from the Southeast Atlantic Coast	Animals: Entomology/Invertebrates/Parasitology
158	11544	Optimal dispersal height of the fungal parasite (*Ophiocordyceps*) on carpenter ants (*Camponotus*) in the central piedmont of North Carolina	Animals: Entomology/Invertebrates/Parasitology
160	11594	Inventory of land snails at three sites in northern Cherokee County, Georgia	Animals: Entomology/Invertebrates/Parasitology
162	10823	What's lurking beneath? Using UAVs for underwater surveys of aquatic turtles.	Animals: Herpetology
164	11256	First Movements Matter: Hatchling Diamondback Terrapin Dispersal in Northeast Florida	Animals: Herpetology
166	11402	Patterns of Caudata Biodiversity in a Floodplain Wetland with a Focus on Hurricane Helene	Animals: Herpetology
168	11447	Assessing prevalence of Snake Fungal Disease in two populations of Western Cottonmouth (*Agkistrodon piscivorus leukostoma*) in northwest Tennessee.	Animals: Herpetology
170	11322	Using African Clawed Frogs to understand the detrimental affects of thyroid disruptors on locomotor behavior	Anatomy and Physiology
172	11581	The Effects of Intermittent Fasting on Spatial Memory Relating in Aged Rats	Anatomy and Physiology
174	10777	Repurposing Anti-Cancer Drugs as Antiparasitics Against *Toxoplasma gondii*	Cell and Molecular Biology
176	10832	The Immunosuppressive Effects of Active Vitamin D3: A Dose-Dependent Modulation of Inflammatory Cytokines from LPS Challenged RAW 246.7 Cells.	Cell and Molecular Biology
178	10939	Determination of Entelev Toxicity in Human Breast Cancer Cells Using 2D and 3D Culture and Zebrafish (*Danio rerio*) *In Vivo* Model	Cell and Molecular Biology
180	11290	Defining the Nup42 FG Domain Requirements for Mex67 Binding by Yeast Two-Hybrid Analysis	Cell and Molecular Biology
182	11293	Identification of SSA4 3'UTR-Binding Proteins by a Yeast Three-Hybrid Screen	Cell and Molecular Biology
184	11299	Utilizing β-gal to visualize selective transport of the SSA4 transcript in budding yeast	Cell and Molecular Biology
186	11352	A tale of two Dsups: Do tardigrade Damage Suppressor (Dsup) proteins differ in their ability to protect human cells from DNA damage?	Cell and Molecular Biology
188	11409	Molecular Basis of Corn Earworm Resistance in Fiber Hemp and CBD-Rich Hemp Cultivars	Cell and Molecular Biology
190	11439	The Influence of Insulin and Glucagon on Chemotherapy Sensitivity in Colorectal Cancer Cells	Cell and Molecular Biology
192	11543	The Enzyme IMPDH Binds mRNA to Increase Gene Expression	Cell and Molecular Biology
194	11569	Assessing the activity of the MYC-EGR1 pathway in p53-variant human colorectal cancer cells	Cell and Molecular Biology
196	11577	Understanding the role of MYC in invasive migration of p53-variant human colorectal cancer cells	Cell and Molecular Biology
198	11054	Using AlphaFold3 to model DNA-protein interactions in bacteria	Genetics
200	11164	Using Restriction Endonuclease Protection, Selection and Amplification to Identify the Preferred DNA Binding Sequence of a Thermophilic Arsenic-Sensing Transcription Factor	Genetics
202	11588	FOXI3 and the Tumor Microenvironment: A Unique Gene Profile in Bone Metastatic Prostate Cancer	Genetics
204	11557	Lamin A Variants in Rodents and the Effects on Aging	Genetics
206	11536	Using Molecular Tools to Identify Bee Hotel Inhabitants and Their Usage of Local Floral Resources to Improve Pollinator Community Support	Conservation Genetics
208	11148	Antifungal Effects of Fatty Acids on the Growth of *Ophidiomyces ophiodiicola* , the Agent of Snake Fungal Disease	Microbiology
210	11297	Testing Sensitivity of E. coli to Lambda Phage Following CRISPR Expression	Microbiology
212	11372	Soil Moisture Gradients Shape Microbial Community Structure in Subtropical RangelandSoils	Microbiology
214	11247	Exploring EVs: Optimizing the Isolation Protocol for Roots	Microbiology
216	11351	Metatranscriptomic Sequencing of Sulfur-Oxidizing Biofilms from a Non-Thermophilic Sulfur Spring Reveals Active Chemolithotrophic Metabolism	Microbiology
218	11142	Characterizing Polycyclic Aromatic Hydrocarbon (PAH)-Degrading Bacteria from Freshwater and Marine Bivalves for Bioremediation Applications	Microbiology
220	11405	Freshwater Sponge Endosymbionts in Western North Carolina	Microbiology
222	11355	Implicit priors extend mechanistic regularization to non-Bayesian species distribution models	Ecology: Climate
224	11221	Carbon Storage in Cane Creek Mountains Natural Area, Alamance County, NC	Ecology: Climate
226	11371	Exploring phenological responses of migratory songbirds during fall migration using data from a forty-year bird banding station.	Ecology: Climate
228	11612	Ground flora community response to tornado and salvage logging in a mesic hardwood forest in Kentucky	Ecology: Communities

ASB 2026 Poster Presentation Schedule

FRIDAY AFTERNOON (3:45-5:00 PM)			
Poster #	**Paper ID**	**Title**	**Topic**
230	11610	Early stage tornado and salvage logging effects on tree community regeneration in a mesic hardwood forest in Kentucky	Ecology: Communities
232	11219	Forest understory compositional changes of Great Smoky Mountains National Park (1999-2025)	Ecology: Communities
234	11231	Characterization of the vegetative community within the riparian zone of a channelized stream in West Tennessee	Ecology: Communities
236	11558	Species-Specific Patterns of Sexual Size Dimorphism in a Diverse Dragonfly Community	Ecology: Communities
238	11599	Who visits nest boxes meant for Barred Owls and Eastern Screech-Owls in northwest Tennessee?	Ecology: Conservation
240	11565	Corporate Biodiversity: the intersection of biology and sustainability	Ecology: Conservation
242	11517	An Update on the Frog Hollow American Chestnut Orchard Located in the Central Piedmont of North Carolina	Ecology: Conservation
244	11496	Efficacy of Thymol Cleaning Products on the Removal of Fungal Spores from Tsuga caroliniana	Ecology: Conservation
246	11145	Frequency and efficacy of insect pollinators on *Liatris helleri* , a rare, endemic wildflower of the Southern Appalachian Mountains	Ecology: Conservation
248	11331	Assessing Ecosystem Services in Native vs. Ornamental Botanical Gardens at High Point University	Ecology: Conservation
250	11431	Influence of Nest Box Characteristics on Box Temperature and Prothonotary Warbler (Protonotaria citrea) Nestling Fitness	Ecology: Conservation
252	11584	Associating Mosquito-borne Disease Risk with Land-use and Socioeconomic Indicator Data in North Carolina	Ecology: Ecosystems and Landscapes
254	11484	The Ecological Role of Juvenile Wild Turkeys in Seed Dispersion	Ecology: Ecosystems and Landscapes
256	11161	Linking Canopy and Groundcover Structure Across Forest-Savanna Gradients in Longleaf Pine Ecosystems	Ecology: Ecosystems and Landscapes
258	11400	Active Plant Water Uptake Profiles May Improve Plant Community Forecasts	Ecology: Ecosystems and Landscapes
260	11446	Insect Visitation in Urban Landscapes Varies by Native Plant Arrangement	Ecology: Ecosystems and Landscapes
262	11507	Evaluation of Urban and Rural Stream Health in Alabama Using Biotic Indicators	Ecology: Freshwater
264	11280	The Influence of Beaver Activity on Stormwater Ponds in Gwinnett, Georgia	Ecology: Freshwater
266	11448	Continuation of Stream Health Monitoring at the Troy University Arboretum: Fishes and Crayfishes	Ecology: Freshwater
268	11269	Increase in Microplastic Concentrations in Asian Clams (*Corbicula fluminea*) Between 2018 and 2025 in the Little Tennessee Watershed, North Carolina	Ecology: Freshwater
270	11320	Evaluating the Effects of Urbanization on Meiofauna Biodiversity in Chattanooga's Lentic Ecosystems Through GIS Applications	Ecology: Freshwater
272	11589	The effect of urbanization on ant biodiversity and abundance in Guilford County, North Carolina	Ecology: Populations
274	11547	Evaluating the Effectiveness of Thermal Drone Imaging for Estimating the Relative Abundance of White-Tailed Deer (*Odocoileus virginianus*)	Ecology: Populations
276	11238	Ecological Occurrence and Abundance of Myxomycetes in Two Southern Black Belt Ecotypes with Contrasting Fire Histories	Mycology and Lichenology
278	10808	Fungi of a Southern Appalachian Highlands Conservancy Easement	Mycology and Lichenology
280	11265	Digitization and Curation of the Fungal Collections at the University of Tennessee at Chattanooga	Plant Collections and Herbaria
282	11275	The Vascular Flora of the Portland Landing Forever Wild Tract, Dallas County, Alabama.	Plant Collections and Herbaria
284	11014	The vascular flora of Blue Springs State Park and Forever Wild Tract, Barbour County, Alabama	Plant Floristics
286	11392	Diet of *Gopherus polyphemus* and Floristic Survey of Habitats Occupied by *G. polyphemus* in South Mississippi	Plant Floristics
288	11264	Medicinal Selection Across Parasitic Angiosperms: Functional and Phylogenetic Patterns in North America	Plant Systematics
290	10749	Tracking the flight: A CURE investigating evidence of insect range shifts using open-access biological collections data	Scholarship of Teaching and Learning
292	11468	Think it, Print it, Learn it: Teaching through 3D Printing	Scholarship of Teaching and Learning
294	11597	Dreaming Big: Using Virtual Reality and 3D-based Technologies to Enhance Student Learning and Promote Positive Outcomes in the Sciences	Scholarship of Teaching and Learning
296	11620	A Frameshift Mutation in BMP4 is Responsible for the Spider Phenotype in Ball Pythons (Python regius)	