Monday Oct. 22, 2018

9:00	**Walnut Room** **Adapting to Climate Change: Updating our approach to land protection and site management decisions** Workshop presented by Kelly Watkinson -LTA, Leslie Brandt, PhD & Kristen Schmitt, NIACS; Kimberly Hall. PhD - TNC: Carolyn Waldren - LTA	**Persimmon** **Best Management Practices for Pollinators** Workshop presented by Scott Hoffman Black - Xerces Society for Invertebrate Conservation				
Lunch						
5:00	9:30 a.m. to 4:30 p.m. $30 fee/preregistration required	transporation to site included 9:00 a.m. to 5:00 p.m. $50 fee/preregistration required				

Tuesday Oct. 23, 2018

8:00 - 9:30	State Natural Areas Program Roundtable	location TBD				
9:30 - 12:00	**Opening Plenary**	**Whittenberger Auditorium**				
Lunch	Student Networking Luncheon (must have ticket)	Solarium				
	Dogwood Room **Invasive Species**	**Maple Room** **Communicating the Importance of Our Work**	**Oak Room** **Maximizing Data and Technology to Inform Natural Areas Management**	**Persimmon Room** **Native Plant Materials in Natural Areas Management**	**Walnut Room** **Roundtable TBD**	**Sassafras Room** **Sedge Identification Workshop** **Presented by Paul Rothrock**
1:45 - 2:15	Sarah Eysenbach: Plant community response after the invasion of Emerald Ash Borer (EAB) in Northeast Ohio	Kristy Burnett: Outside Science (inside parks): Engaging the Next Generation of Conservationists	Michelle DePrenger-Levin: Accounting for Spatial Error in Herbarium Records for Species Distribution Models of Rare Plant Species	Courtney Gutman: Cultivating a Flourishing Market from a Good Idea; identifying conditions necessary for a sustainable seed market		$10 fee/pre-registration required
2:15 - 2:45	Jordan Marshall: Forest Change through Exposure to Emerald Ash Borer	Kostas Stavrianakis: Does technology have a place in nature education?	Betsy Miller Viske: A Data-Based Future: Best Practices and Lessons Learned From 20 Years of Rare Plant Monitorine in San Diego County	Chris Newbold: Evaluating the Success of a Prairie Reconstruction Project in Missouri: How Do You Know When You're Close Enouah?		
2:45 - 3:15	Deborah Stone: The Spatial Invasive Infestation and Priority Analysis (SIPA) Tool	John Wenzel: Web-based digital tools and distance learning allow promotion of research and outreach far from population center	Matt Schulz: Engaging citizens through technology in the field - an overview iNaturalist in Colorado's State Parks	Clair Ryan: Revegetating Invaded Sites with Natives: New Resources for Local Invasive Species Management Groups and Beyond		
Break	Refreshments	Frangipani Room				
	Dogwood Room **Fire Ecology**	**Maple Room** **Monitoring Species Populations and Natural Areas**	**Oak Room** **Restoration Ecology**	**Persimmon Room** **Urban and Wildland Interface**	**Walnut Room** **Invasive Species**	**Sassafras Room** **Midwestern Fern Identification Workshop** **Presented by Roger Hedge**
3:45- 4:15	Megan Dornbusch: Fuel structure and moisture dynamics in a Kentucky bluegrass-invaded prairie	Tracy Evans: Firefly Abundance Tied to Weather Variables Two Years Before Observation	Heather Herakovich/Holly Jones: The Effects of Bison Reintroduction on Grassland Bird Nest Success in Tallgrass Prairie	Kelly Borgmann: Be Wildlife Aware: A Proactive and Collaborative Method to Mitigate Human-Wildlife Conflict in the Midwest	Roger Anderson: Extreme climate events affect density of the invasive biennial garlic mustard (Alliaria petiolata)	$10 fee/pre-registration required
4:15 - 4:45	Bill Kleiman: Tracking progress: The new Illinois Fires Accomplished Map	Mahalah Wilson: Population ecology of cancer root at Blossom Hollow Nature Preserve in central Indiana	Mike Leahy: Twenty Years of Tallgrass Prairie Reconstruction and Restoration at Pawnee Prairie Natural Area. Missouri	Jessica Burnett: Impacts of non-native birds on native wildlife in urban ecosystems: where is the evidence?	James Cuda: An Integrated Pest Management Solution for the Invasive Aquatic Weed Hydrilla, Hydrilla verticillata (Hydrocharitaceae)	
4:45- 5:15		Tom Swinford: The Odonota of the Pigeon River and Associated Wetlands: an Annotated Checklist	Duke Rankin: Buck Creek Serpentine Restoration: A Case Study in Fire Management	Megan Dillon: Urban Wildlife Conservation in Practice	Kimberly Ordonez: Using a Psychological Distance Lens to Examine Family Forest Owners' Perceptions of Invasive Plant Risks	
Break						
6:00 - 8:00	**Poster Session**	**Solarium**				

Wednesday Oct. 24, 2018

	Dogwood Room **Collaborative Approaches to Conservation**	**Maple Room** **Endangered Species Conservation**	**Oak Room** **Symposium: Urban Restoration Through Collaboration**	**Persimmon Room** **Symposium: Using Digital Specimen Data in Conservation Research and Practice**	**Walnut Room** **Symposium: Natural Partners: Using the Humanities in Conservation Work**	
8:30 - 9:00	Leo Acosta: National Natural Landmark Designation, A Valuable Tool to Advance Conservation of Natural Heritage in Indiana	Michael Homoya: The Historic Occurrence and Current Status of Canebrakes in the Lower Ohio River Valley of Indiana	Matt Freer: Collaboration with Large Institutions.8	Gil Nelson: Introduction: Digitization and the Accumulation of Digital Specimen Data for Conservation	Leah Nahmias: Next Indiana Campfires: Connecting Nature and Literature to Spark Conservations about Indiana's Future	
9:00 - 9:30	John Bacone: Fifty Years of Natural Area Protection in Indiana: the Product of Successful Partnership Collaboration	Sara Tangren: Clover Stem Borer Causes Decreased Reproductive Capacity in Sundial Lupine (Lupinus perennis)	Jason Steger: Collaboration with Professional Contractors and Amateur Naturalists	Dwayne Estes: Use case 1: Journey to Grasslandia: can biological specimen records, ecological data, landscape models, historical information, and art be used to build an interactive 'time machine' that can be a new, innovative tool for conservation?	Patrick Solomon: Canebrake Habitat in 19th Century Arkansas	
9:30 - 10:00	Derek Nimetz: Collaborative Approach to Sand Savanna Restoration and Natural Area Management Within Indiana Dunes State Park	Andrea Weissgerber: Cypripedium candidum in the southeast glacial plains of Wisconsin: Distribution, ecology and threats	Naureen Rana: Collaboration with Community Organizations and Artists	Alexis Mychajliw: Use case 2: Fossil and historic collections reveal the ecological legacy of California's lost bears	Kevin McKelvey: Arts, Creativity and Placemaking in Conservation	
Break	Refreshments	Frantoiani Room				
	Dogwood Room **Urban and Wildland Interface**	**Maple Room** **Fire Ecology**	**Oak Room** **Symposium: Urban Restoration Through Collaboration (cont.)**	**Persimmon Room** **Symposium: Using Digital Specimen Data in Conservation Research and Practice (Cont.)**	**Walnut Room** **Symposium: Natural Partners: Using the Humanities in Conservation Work (Cont.)**	
10:30 - 11:00	Deependra Joshi: An integrated assessment of livelihood opportunities of wetland dependent communities of Koshi Tappu Wildlife Reserve	Matthew Albrecht: Fire seasonality influences the demographic performance of the endangered limestone glade endemic, Astragalus bibullatus	Lauren Umek: Collaboration with Historic Preservation Advocates	Herrick Brown: Use case 3: The Use Of Herbarium Specimens In Distribution And Dispersal Modeling And Conservation Planning: The Answer Is Blowing In The Wind	Kristina Anderson: Communicating the Land: Storytelling through Science and Art	
11:00 - 11:30	Dennis Nyberg: Bush honeysuckle in an urban (Chicagoland) preserve, 3 kg per square meter	Marc Milne: The Short-term Effects of Cutting and Burning on Spider Abundance, Diversity, and Taxonomic Composition in Forests in NC	Forrest Cortes: Collaboration with Stewardship Volunteers and Ecological Monitors	Molly Phillips: Discovering taxa, specimens, and distributions using digital data from the iDigBio portal	Holly Gastineau-Grimes/Mary Ellen Lennon: Wondrous World: Introducing Nature-Study and the History of Female Naturalists and Conservationists to Girls	
11:30 - 12:00	Julia Rogers: The Impact of Forest Management on Edae Effects in Roadside Forests		Discussion	Discussion	Discussion	
Lunch						
					Walnut Room **Grasses Identification Workshop** **Presented by Don Ruch**	**Grab Boxed Lunches** **Field Workshops offsite**
2:00 - 2:30					additional fee applies	
2:30 - 3:00					$10 fee/pre-registration required	includes lunch and transportation
3:00 - 3:30						
Break						
					Walnut Room **Invasive Forest Insects Identification Workshop**	
3:30- 4:00					Presented by Elizabeth Barnes	
4:00 - 4:30					$10 fee/pre-registration required	
4:30 - 5:00						
Break						
6:30 - 9:00	**Awards Dinner**	**Alumni Hall**				

Thursday Oct. 25, 2018

	Dogwood Room **Private Land Conservation**	**Maple Room** **Restoration Ecology**	**Oak Room** **Maximizing Data and Technology to Inform Natural Areas Management**	**Persimmon Room** **Symposium: Improving Restoration Outcomes in the US: Research Related to the Native Seed Strategy**	**Walnut Room** **Symposium - Karst Conservation and Management**	**Sassafras Room** **Symposium: Indiana's Grassroots Efforts for a Statewide Partnership to Address Invasives**	**Ostrom workshop** **Keys to Conservation Careers** **May continue until lunch**
8:30 - 9:00	Cliff Chapman: Saving the best, to last. A new conservation plan for Central Indiana	Alexys Nolan: Hardwood tree seedling growth and survival under varying planting treatments on reclaimed mine land	Will Overbeck: Bridging the gap between technology and restoration using adaptive management in the fight against invasive Phragmites	Kayri Havens: Prairie restoration: How to make the best decisions about what seed provenances to collect and where to use them	Jerry Lewis : Karst landforms and their unique communities	Allison Shoaf: Brown County Native Woodlands Project - The Beginning of a Movement	
9:00 - 9:30	Justin Shew: The Effects of Scale and Policy-Driven Management on Grassland Birds Within the Conservation Reserve Program	Rebecca Swab: Restoring mine land- tradeoffs and benefits of prairies	Angela Sturdevant: Show me the Money: Calculating Long-Term Stewardship Costs for Successful Conservation	Andrea Kramer: Assessing capacity of the U.S. native plant production industry to support the restoration of species diversity	Scott Johnson: Mammalian inhabitants of Indiana karst environments: Challenges and tactics for solutions	Katherine Green: The Effects of Teamwork in the Indiana Coastal Area	
9:30 - 10:00			John Taylor: Evolution of a weed-mapping program	Jessamine Finch: Effects of seed source vary among species, early life stages, and field sites for two milkweeds (Asclepias sp.)	Rick Olson: Managing the world's longest cave	Cheryl Coon: SICIM History and Future - Why the Need for a CISMA in Every County	
Break	Refreshments	Frangipani Room					
	Dogwood Room **Pollinators in Natural Areas Management**	**Maple Room** **Genetic Diversity & Biodiversity**	**Oak Room** **Maximizing Data and Technology to Inform Natural Areas Management**	**Persimmon Room**	**Walnut Room**	**Sassafras Room**	**State Room East** **Roundtable TBD**
10:30 - 11:00	Scott Black: An Overview of the Potential Impacts of Honey Bees to Native Bees, Plant Communities, and Ecosystems in Wild Landscapes	Leslie Bishop: Secondary Old Growth Forests in Indiana: State Forest Legacy, Opportunity and Debatable Future	Matt Denniston: How Open-Source Technology is Maximizing Data Value and Fostering Collaboration for a Natural Areas Association Member	Rebecca Barak: Drivers and constraints of seed mix design for prairie restoration	Will Orndorff: Rare and endangered species in the Appalachian karst	Dawn Slack: Indiana's Invasive Initiative	
11:00 - 11:30	Carianne Campbell: Creating Restoration Planting Palettes to Support Pollinators in a Changing Climate	Marc Milne: Where the Glaciers End: Newly Discovered Spiders Highlight High Diversity at a Central Indiana Nature Preserve	Marcia Moore: Indiana Plant Atlas- An Online Data and Technology Tool	Katie Kucera: Variation in seed germination requirements and response to gibberellic acid among populations of Penstemon pachyphyllus: implications for the production of genetically diverse mixed-source seed lots	Mike Slay: Ozark perspectives on karst conservation	Ellen Jacquart: Grow Indiana Natives - Another Way to Fight Invasives	
11:30 - 12:00	Anand Persad: Plant invertebrate relationships and seasonal dynamics of invertebrates in natural areas with emphasis on pollinators	Rae Schnapp: Taxonomic Inventory of the Back Country Area in Morgan-Monroe and Yellowwood State Forests	Kevin Rohling: A Collaboration to Address Invasive Plants Using GIS and a Phone Application	Discussion	Discussion	Discussion	
Luch	NAA Membership Luncheon (must have ticket)	Georgian Room					
	Dogwood Room **Collaborative Approaches to Conservation**	**Maple Room** **Land Management in Light of Climate Change**	**Oak Room** **Restoration Ecology**	**Persimmon Room** **Invasive Plant Identification Workshop** **Presented by Dawn Slack and Ellen Jacquart**	**Walnut Room** **Digital Herbarium Workshop** **Presented by Paul Rothrock**	**Sassafras Room** **Working Landscapes Conservation**	**State Room East** **Roundtable - Potential impacts of honeybees to native bees, plant communities and ecosystems**
1:30 - 2:00	Nathan Gregory: Managing Oak Woodlands in Orange County, California: A Model Collaborative Approach to Conservation	Brian Forist: Climate Change-Related Interpretation-Findings from a Qualitative Study in two National Parks	Jacob Bannister: Do's and Don'ts: Lessons Learned in Natural Area Restoration, Installation, and Maintenance	$10 fee/pre-registration required	$10 fee/pre-registration required	Stephanie Frischie: Wilder working lands: native seeds, oats, olives, bees, bugs, blossoms and bison	
2:00 - 2:30	Cerissa Hoglander: Collaborative Conservation on the Grand Canyon's North Rim	Cassandra Hauswald: Developing a conservation strategy for riverine fish habitat in oxbow lakes along the Wabash and White Rivers in Indiana	David Kriska: Mentor Marsh: History, Tragedy, Recovery			Marion Holmec: Population and community dynamics of non-native species differ with agricultural land-use history	
2:30 - 3:00	Amy Silva/Bety Yankowiak: Collaborative Project to Stop the Spread of Asian Carp and other Invasive Species from a Land Trust's Persoective	John Shuey: Designing Restorations to Increase Ecological Resilience in Oak Barrens/Sand Prairie Mosaics for a New Climatic Future	Jessica Ray: Restoring Coastal Habitats Through Compromise Beach Management In New Jersey				
Break	Refreshments	Frangipani Room					
3:30 - 5:00	**Closing Plenary**	**Alumni Hall**					