

Monday	Oct. 22, 2018						
9:00	Walnut Room Adapting to Climate Change: Updating our approach to land protection and site management decisions	Persimmon Best Management Practices for Pollinators					
	Workshop presented by Kelly Watkinson -LTA, Leslie Brandt, PhD & Kristen Schmitt, NIACS; Kimberly Hall, PhD - TNC; Carolyn Waldren - LTA	Workshop presented by Scott Hoffman Black - Xerces Society for Invertebrate Conservation					
Lunch							
	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					
5:00							
Tuesday	Oct. 23, 2018						
8:00 - 9:30	State Natural Areas Program Roundtable						
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	Sassafrass 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 of Rare Plant Species	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 Vixie: A Data-Based Future: Best Practices and Lessons Learned From 20 Years of Rare Plant Monitoring in San Diego County	Chris Newbold: Evaluating the Success of a Prairie Reconstruction Project in Missouri: How Do You Know When You're Close Enough?			
2:45 - 3:15	Deborah Stone: The Spatial Invasive Infestation and Priority Analysis (SHIPA) 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 Dogwood Room Fire Ecology	Frangipani Room Maple Room Monitoring Species Populations and Natural Areas	Oak Room Restoration Ecology	Persimmon Room Urban and Wildland Interface	Walnut Room Invasive Species	Sassafrass 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 James Cuda: An Integrated Pest Management Solution for the Invasive Aquatic Weed Hydrilla, Hydrilla verticillata (Hydrocharitaceae)		\$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?			
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 Ordenez: 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.	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: Cyripedium candidum in the southeast glacial plains of Wisconsin: Distribution, ecology and threats	Naureen Rana: Collaboration with Community Organizations and Artists	Alexis Mychajlivi: 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 Dogwood Room Urban and Wildland Interface	Frangipani Room 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 Edge Effects in Roadside Forests		Discussion	Discussion	Discussion		
Lunch							
					Walnut Room Grasses Identification Workshop Presented by Don Ruch \$10 fee/pre-registration required	Grab Boxed Lunches Field Workshops onsite additional fee applies includes lunch and transportation	
2:00 - 2:30							
2:30 - 3:00							
3:00 - 3:30							
Break							
					Walnut Room Invasive Forest Insects Identification Workshop Presented by Elizabeth Barnes \$10 fee/pre-registration required		
3:30- 4:00							
4:00 - 4:30							
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	Sassafrass 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	Kealie Vogel: Family forest landowner management in southern Illinois: a qualitative study of goals, trends, and opportunities	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 Dogwood Room Pollinators in Natural Areas Management	Frangipani Room Maple Room Genetic Diversity & Biodiversity	Oak Room Maximizing Data and Technology to Inform Natural Areas Management	Persimmon Room	Walnut Room	Sassafrass 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	Liz Christeleit: How Open-Source Technology is Maximizing Data Value and Fostering Collaboration for Large Land Management Organizations	Rebecca Barak: Drivers and constraints of seed mix design for prairie restoration	Wil 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) Dogwood Room Collaborative Approaches to Conservation	Georgian Room 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 \$10 fee/pre-registration required	Walnut Room Digital Herbarium Workshop Presented by Paul Rothrock \$10 fee/pre-registration required	Sassafrass 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			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 Holmes: 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 Perspective	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						

	Room 1	Room2	Room 3	Room 4	Room 5	Offsite Workshops
	Fire Ecology	Endangered Species Conservation	Symposium: Urban Restoration Through Collaboration	Symposium: Using Digital Specimen Data in Conservation Research and Practice	Symposium: Natural Partners: Using the Humanities in Conservation Work	
8:30 - 9:00	Matthew Albrecht: Fire seasonality influences the demographic performance of the endangered limestone glade endemic, <i>Astragalus bibulatus</i>	Michael Homoya: The Historic Occurrence and Current Status of Canebrakes in the Lower Ohio River Valley of Indiana	Matt Freer: Collaboration with Large Institutions	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	
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	Urban and Wildland Interface	Private Land Conservation	Symposium: Urban Restoration Through Collaboration (cont.)	Symposium: Using Digital Specimen Data in Conservation Research and Practice (Cont.)	Symposium: Natural Partners: Using the Humanities in Conservation Work (Cont.)	
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11:00 - 11:30	Dennis Nyberg: Bush honeysuckle in an urban (Chicagoland) preserve, 3 kg per square meter	Justin Shew: The Effects of Scale and Policy-Driven Management on Grassland Birds Within the Conservation Reserve Program	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	
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	Grasses Identification Workshop					Field Workshops offsite
2:00 - 2:30	Presented by Don Ruch					additional fee applies
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	Collaborative Approaches to Conservation	Restoration Ecology	Maximizing Data and Technology to Inform Natural Areas Management	Symposium: Improving Restoration Outcomes in the US: Research Related to the Native Seed Strategy	Symposium - Karst Conservation and Management	Symposium: Indiana's Grassroots Efforts for a Statewide Partnership to Address Invasives	
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Break	Refreshments	Frangipani Room					
	Pollinators in Natural Areas Management	Genetic Diversity & Biodiversity	Maximizing Data and Technology to Inform Natural Areas Management			Roundtable TBD	
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	Invasive Plant Identification Workshop	Digital Herbarium Workshop	Collaborative Approaches to Conservation	Land Management in Light of Climate Change	Restoration Ecology	Working Landscapes Conservation	Roundtable - Potential impacts of honeybees to native bees, plant communities and ecosystems
1:30 - 2:00	Presented by Dawn Slack and Ellen Jacquart	Presented by Paul Rothrock	Nathan Gregory: Managing Oak Woodlands in Orange County, California: A Model Collaborative Approach to Conservation	Brian Forest: Climate Change-Related Interpretation-Findings from a Qualitative Study in two National Parks	Jacob Barnister: Do's and Don'ts: Lessons Learned in Natural Area Restoration, Installation, and Maintenance	Stephanie Frischle: Wilder working lands: native seeds, oats, olives, bees, bugs, blossoms and bison	
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