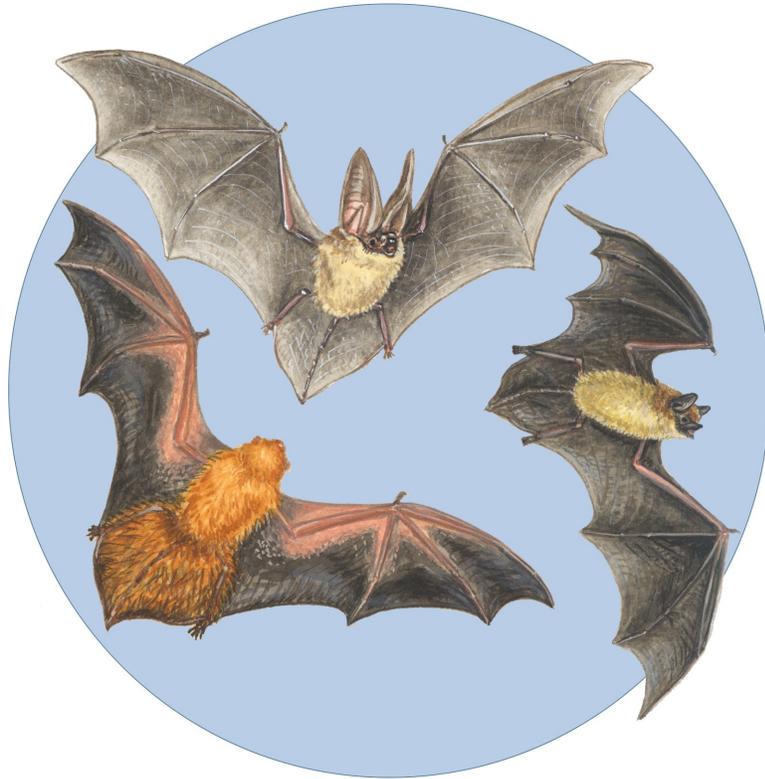


# North American Joint Bat Working Group Meeting



*25th Colloquium on the Conservation of Mammals*  
*20th Meeting of the Southeastern Bat Diversity Network*  
*7th Meeting of the Midwest Bat Working Group*  
*7th Meeting of the Western Bat Working Group*

**3-6 March 2015**

**St. Louis, Missouri**

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WESTERN BAT  
WORKING GROUP



MIDWEST  
BAT WORKING  
GROUP



SOUTHEASTERN BAT  
DIVERSITY NETWORK

## Program Overview

Time	Tuesday	Wednesday	Thursday	Friday
7:00-8:00			BREAKFAST	BREAKFAST
8:00-9:00		BREAKFAST	ACOUSTICS	MAMMAL COLLOQUIUM
9:00-10:00		CONTINENTAL CONSERVATION PLENARY	ACOUSTICS & CONSERVATION TOOLS	
10:00-10:30			BREAK	
10:30-12:30			CONSERVATION STRATEGIES	MAMMAL COLLOQUIUM
12:30-2:00		LUNCH	LUNCH	LUNCH
2:00-3:00		CONTINENTAL THREATS	SBDN BUSINESS MEETING	MAMMAL COLLOQUIUM
3:00-3:30		BREAK	MIDWEST BAT WORK GROUP MEETING	
3:30-4:00		BATS AT RISK		
4:00-4:30			NA BAT	WESTERN BAT WORKING GROUP MEETING
4:30-5:00				
5:00-5:30	REGISTRATION			
5:30-7:00	REGISTRATION	WNS WORKING GRP MTGS (CLOSED)	RECOVERY MEETINGS (CLOSED)	
7:00-10:00	SOCIAL		SOCIAL & POSTER SESSION	

## Tuesday March 3

Room	Time	Event
Entrance	5:00 - 7:00	Registration
Missouri Lower	5:00 - 6:00	SBDN Bat Blitz Committee Meeting
Meramec Rooms	7:00 - 10:00	<i>WELCOME SOCIAL</i> Sponsored by Environmental Solutions and Innovations, Inc.

## Wednesday March 4

Room	Time	Event	Speaker(s)
Entrance	7:00 - 7:00	Registration	
Meramec Rooms	8:00 - 9:00	<i>BREAKFAST</i> Sponsored by Civil and Environmental Consultants, Inc.	

<b>Continental Conservation Plenary</b>			Moderator: Sybill Amelon
Sponsored by ICF International, Organization for Bat Conservation, and Terracon Consultants, Inc.			
Mississippi Lower/ Middle	9:00 - 9:15	Welcome	Sybill Amelon
	9:15 - 10:00	RELCOM: Local Leaders for Local Bat Conservation Across One Continent	Rodrigo Medellin
	10:00 - 10:45	EUROBATS: History, Applications, and Lessons for North American Bat Conservation	Suren Gazaryan via webinar
	10:45 - 11:00	Q & A for speakers	
	11:00 - 11:45	Organizing a National/Tri-National Group: Partners in Flight	Greg Butcher
	11:45 - 12:15	North American Bat Conservation Alliance Strategic Plan	Mylea Bayless, Joy O'Keefe, & Rob Mies
	12:15 - 12:30	Q & A for speakers	

	12:30 - 2:00	<i>LUNCH (on your own)</i>
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<b>Protections Against Continental Threats to Bats</b>			Moderator: Rob Mies
Mississippi Lower/ Middle	2:00 - 2:15	Mexico's Perspective on Rare Bats, Listing Process, and Protections in Place	Rodrigo Medellin
	2:15 - 2:30	Protection Status in Canada of Bats Affected by White-Nose Syndrome	Charles Francis
	2:30 - 2:45	White-Nose Syndrome: Current Status of the Disease and the Collaborative Response	Jeremy Coleman and Jon Reichard
	2:45 - 3:00	Bats and Wind Energy: Current Understanding and Potential Solutions	Mylea Bayless

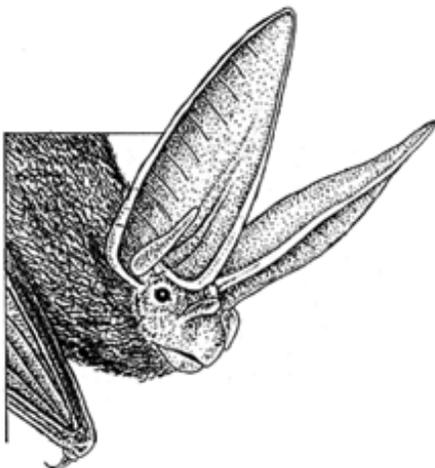
## Wednesday March 4

Room	Time	Event	Speaker(s)
Meramec Rooms	3:00 - 3:30	<i>BREAK Sponsored by Bat Conservation International</i>	

Overview on Proposed Protections for Bats at Risk			Moderator: Joy O'Keefe
Mississippi Lower/Middle	3:30 - 3:50	Overview of the Federal Listing Process in the U.S.	Justin Shoemaker
	3:50 - 4:10	Update on the Listing Decision for the Northern Long-Eared Bat and Proposed 4(d) Rule	Jessica Hogrefe & Jill Utrup via webinar
	4:10 - 4:25	Update on Status Assessments for Tri-Colored Bat and Little Brown Myotis	Christina Kocer & Jon Reichard

NABat Program			Moderator: Laura Ellison
Mississippi Lower/Middle	4:25 - 4:35	NABat: Introduction and Current Status	Laura Ellison
	4:35 - 4:45	Colorado Case Study of Pilot Year of NABat	Jeremy Siemers & Rob Schorr
	4:45 - 5:30	NABat: Panel Discussion	Ellison, Siemers, Schorr, Loeb, Coleman, Reichard, Francis, & Lausen

Room 306	5:30 - 6:30	WNS Disease Management Working Subgroup	Invitation only
Mississippi Lower	5:30 - 6:30	WNS Conservation & Recovery Working Subgroup	Invitation only



*Map of the meeting rooms is inside back cover*

## Thursday March 5

Room	Time	Event	Speaker(s)
Entrance	7:00 - 6:00	Registration	
Meramec Rooms	7:00 - 8:00	<i>BREAKFAST Sponsored by Titley Scientific</i>	

Acoustics Session			Moderator: Susan Loeb
Mississippi Lower/ Middle	8:00 - 8:15	Montana's Bat Acoustic Surveillance Efforts	<u>Bryce Maxell</u> & others
	8:15 - 8:30	Adaptive Automated Bat Call File Identification for a Multiple Species Occupancy Project	<u>Jason T. Layne</u> & Anthony G. Elliott
	8:30 - 8:45	Unraveling Zero Crossing and Full Spectrum - What Does it All Mean?	Ian Agranat
	8:45 - 9:00	The Newest Threat to Bat Conservation: Sloppy Acoustic Monitoring and Analysis	John Chenger & <u>Janet Tyburec</u>
	9:00 - 9:15	Challenges in Acoustic Identification of Myotis	Chris Corben
	9:15 - 9:30	Panel Discussion on Acoustics	
	9:30 - 10:00	Conservation Tools: Nature Serve	Geoff Hammerson

Meramec Rooms	10:00 - 10:30	<i>BREAK Sponsored by West, Inc.</i>	
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Missouri & Mississippi Rooms	10:30 - 12:30	Tackling Continental Conservation Issues	Moderators: Charles Francis & Rob Mies
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	12:30 - 2:00	<i>LUNCH (on your own)</i>	
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Working Group Meetings			
Mississippi Lower/ Middle	2:00 - 3:00	Southeastern Bat Diversity Network Business Meeting	Open to all attendees
	3:00 - 4:00	Midwest Bat Working Group Business Meeting	Open to all attendees

Meremac Rooms	4:00 - 4:30	<i>BREAK Sponsored by GAI Consultants</i>	
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## Thursday March 5

Room	Time	Event	Speaker(s)
Mississippi Lower/ Middle	4:30 - 5:30	Western Bat Working Group Meeting	Open to all attendees
Missouri Lower	5:30 - 6:30	Gray Bat Recovery Meeting	Open to all attendees
Mississippi Lower	5:30 - 6:30	Indiana Bat Recovery Meeting	Open to all attendees
Meramec Rooms	7:00 - 10:00	<i>POSTER SESSION &amp; SOCIAL Sponsored by Wildlife Acoustics, Inc.</i>	

*Poster list begins on page 12*

### Welcome Vendors!

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**Western Ecosystems Technology**

**Lotek/Biotrack/Sirtrack**

**Wildlife Acoustics**

## Friday March 6

Room	Time	Event	Speaker(s)
Meramec Rooms	7:00 - 8:00	<i>BREAKFAST Sponsored by Batgoods.com</i>	
Mississippi Lower & Middle	8:00 - 10:00	Mammal Colloquium - Concurrent Sessions	See talk titles on following pages
Meramec Rooms	10:00 - 10:30	<i>BREAK Sponsored by Natural Resource Group</i>	
Mississippi Lower & Middle	10:30 - 12:30	Mammal Colloquium - Concurrent Sessions	See talk titles on following pages
	12:30 - 2:00	<i>LUNCH (on your own)</i>	
Mississippi Lower & Middle	2:00 - 4:00	Mammal Colloquium - Concurrent Sessions	See talk titles on following pages
Meramec Rooms	4:00 - 4:30	<i>BREAK Sponsored by Lotek/Biotrack/Sirtrack</i>	
Mississippi Lower/ Middle	4:30 - 4:45	Student Awards	Rob Mies & Joy O'Keefe
	4:45 - 5:00	Farewell	Sybill Amelon



**Mammal Colloquium Friday March 6**

**Lower Mississippi**

**Landscapes**

*Moderator: Dan Taylor*

**Middle Mississippi**

**Roosting Ecology**

*Moderator: Tony Elliott*

<b>8:00</b>	<p><b>The Simulated Effects of Timber Harvest on Suitable Habitat for Indiana and Northern Long-Eared Bats</b></p> <p>B.P. Pauli, <u>P.A. Zollner</u>, G.S. Haulton, G. Shao &amp; G. Shao</p>	<p><b>A Technique to Estimate Local Population Size of Eastern Small-Footed Bats During Summer</b></p> <p><u>D.P. Warner*</u>, R.H. Hendren, M.R. Clausen, &amp; P.R. Moosman, Jr</p>
<b>8:15</b>	<p><b>Foraging Ecology of Indiana and Northern Long-Eared Bats in a Managed Forest Ecosystem</b></p> <p><u>T.J. Divoll*</u> &amp; J.M. O'Keefe</p>	<p><b>Detection and Characterization of <i>Myotis leibii</i> Summer Roosts in Virginia</b></p> <p><u>J. K. Huth*</u>, A. Silvis, P. Moosman, &amp; W.M. Ford</p>
<b>8:30</b>	<p><b>Indiana Bats Don't All Roost in Indiana! Variation in Roost and Landscape Characteristics Across the Species' Range</b></p> <p><u>S.M. Bergeson</u> &amp; J.M. O'Keefe</p>	<p><b>Use of Bridge Roosts by Eastern Small-Footed Bats in the Arkansas Ozarks</b></p> <p><u>D.B. Sasse</u>, P.R. Moore, &amp; T.S. Risch</p>
<b>8:45</b>	<p><b>Influence of Prescribed Fire on Bat Presence and Activity in the Big South Fork National River and Recreation Area</b></p> <p><u>L.K. Burns*</u>, S.C. Loeb, W.C. Bridges Jr., &amp; P.G. Jodice</p>	<p><b>Influence of Extrinsic Environmental Variables on Body Temperature of Female Indiana Bats in Summer Roosts</b></p> <p><u>K.R. Hammond</u> &amp; J.M. O'Keefe</p>
<b>9:00</b>	<p><b>Bat Assemblage and Selection of Maternity Roosts in a Post-Wildfire Forested Landscape</b></p> <p><u>E. H. Saunders*</u> &amp; C. L. Chambers</p>	<p><b>Observations of Roost Selection by <i>Myotis septentrionalis</i></b></p> <p><u>M. Caylor</u>, V. Clarkston, C.D. Swecker, D. Sparks, &amp; V. Brack, Jr.</p>
<b>9:15</b>	<p><b>Bat Activity in a Post-Wildfire Landscape</b></p> <p><u>C. A. Starbuck*</u>, C. L. Chambers, &amp; S. A. Cushman</p>	<p><b>Seeking Silver in Southeast British Columbia Mines: Hibernation Ecology of Silver-Haired Bats</b></p> <p>C.L. Lausen</p>
<b>9:30</b>	<p><b>Effect of Forest Opening Landscape Characteristics and Vegetation Structure on Bat Occupancy</b></p> <p><u>J.D. Brooks*</u> &amp; S.C. Loeb</p>	<p><b>Insights for Conservation of Northern Long-Eared Bats (<i>Myotis septentrionalis</i>) Derived From a Multi-Year Study at Fort Knox, Kentucky</b></p> <p><u>A. Silvis</u>, W.M. Ford and E.R. Britzke</p>
<b>9:45</b>	<p><b>Bat Occupancy in Bottomland Hardwood Forests Managed for Wildlife in the Mississippi Alluvial Valley</b></p> <p><u>L. P. Ketzler*</u>, C. E. Comer, &amp; D. J. Twedt</p>	<p><b>Spring Time Roosting Ecology of Endangered Virginia Big-Eared Bats in North Carolina and Tennessee</b></p> <p><u>J.A. Weber</u> &amp; J.M. O'Keefe</p>

**10:00**

*BREAK Sponsored by Natural Resource Group*

**Mammal Colloquium Friday March 6**

**Lower Mississippi**

**Ranges and Movements**

*Moderator: Scott Johnson*

**10:30 Gray Bat Migration in Missouri: Methods for Monitoring Movement**

C. Gerdes\* & L. W. Robbins

**10:45 Home Range and Habitat Use of Foraging Gray Bats (*Myotis grisescens*) From Four Maternity Sites in Northern Arkansas**

P.R. Moore, T.S. Risch, & V. Rolland

**11:00 Behavior and Strategies of Migrating Indiana Bats (*Myotis sodalis*)**

P.L. Roby & M.W. Gumbert

**11:15 Use of Aerial Radio Telemetry to Determine Home Range for the Northern Long-Eared Bat (*Myotis septentrionalis*) in Tennessee**

S. T. Samoray, P. L. Roby, & P. L. Sewell

**11:30 New Insights on the Distribution, Ecology, and Overwintering Behavior of the Little Brown Myotis (*Myotis lucifugus*) in Alaska**

D.F. Tessler, M.L. Snively, & T.A. Gotthardt

**11:45 Sex-Specific Foraging Habits of the Evening Bat (*Nycticeius humeralis*) in the Ozark Region of North-Central Arkansas**

D. Istvanko\*, T. Risch, & V. Rolland

**12:00 Year Round Activity of Peripheral Bat Populations in the North Carolina Coastal Plain**

J. Grider\*, J. Homyack, & M. Kalcounis-Rueppell

**12:15 Diurnal Bat Flights**

G.H. Palmer, D.R. Carson, J.M. O'Keefe, & K.R. Hammond

**Middle Mississippi**

**Acoustics and Genetics**

*Moderator: Cori Lausen*

**A Comparison of Methods for Active Acoustic Sampling of Midwestern Bats**

L. E. D'Acunto\*, M. Moy, K. Johnson, B. Pauli, & P. A. Zollner

**Efficacy of Using an Acoustic Lure in Bat Netting Efforts in Indiana**

H. Hayes\*, L. E. D'Acunto, & P. A. Zollner

**A Comparison of Upland to Lowland Acoustic Detector Sites in Two State Parks in the National Scenic Riverways**

B. Smith\* & L.W. Robbins

**Using Simulated Microsatellite Loci to Test the Efficacy of Genetic Methods to Detect Population Declines**

S.K. Munster\*, M.J. Vonhof, & A.L. Russell

**Conservation Genetics Approaches to Identify Population-Level Molecular Diversity of Bats At Continental Scale**

J. Ortega

**Species From Feces: A Tool for Genetically Identifying Bats**

F.M. Walker, C.H.D. Williamson, D.E. Sanchez, C.J. Sobek, & C.L. Chambers

**Describing the Social Behavior of the Indiana Bat at Day Roost Sites**

C.M. Byrne\* & J.M. O'Keefe

**Prey Selection of Several Common Bat Species of a Bottomland Hardwood Forest in East Texas**

C. J. Weinkauff\*, C. E. Comer, W. C. Conway, C. Farrell, & S. Bosworth

**12:30**

*LUNCH (on your own)*

**Mammal Colloquium Friday March 6**

**Lower Mississippi**

**White-Nose Syndrome**

*Moderator: Katie Gillies*

**2:00 Effect of Parturition Date on Adult Female Survival in the Little Brown Bat**

*L.E. Powers\** and B. Magnus Francis

**2:15 A Preliminary Assessment of the Current Distribution of Three White-Nose Syndrome Impacted Species in Virginia**

*L.V. Austin\**, A. Silvis, W.M. Ford

**2:30 Impacts of White-Nose Syndrome in Kentucky: Summer Demographics of Bat Species Pre- and Post-WNS**

*S. Martin\** and T. Derting

**2:45 Little Brown Bats in Southeast Alaska Hibernate in Holes: Implications for the Spread of White-Nose Syndrome**

*K. M. Blejwas*, M.L. Kohan, L.O. Beard, & G.W. Pendleton

**3:00 A Comparison of Urban and Exurban Bat Communities in a Post-White-Nose Syndrome Landscape**

R. J. Kilgour, E. W. Lehrer, S. B. Magle, & *P. J. Wolff*

**3:15 Using MultiSpecies Genetic Landscapes to Inform the Spread of White-Nose Syndrome**

*A. L. Russell*, A. M. Martin, C. M. Miller-Butterworth, & M. J. Vonhof

**3:30 Testing of Actinobacteria Isolated from Twelve Western Bat Species Against *Pseudogymnoascus destructans* : Clues to Potential Natural Defenses of Bats**

*D. C. Buecher*, D. E. Northup, N. A. Caimi, A. Porras-Alfaro, A. S. Kooser, J. M. Young, J. C. Kimble, & E. W. Valdez

**3:45 Use of Echolocation and Conservation Biology to Teach the Processes and Concepts of Science in "Flipped Classroom" Undergraduate Courses**

C.S. Hood

**Lower Mississippi**

**Other Talks**

*Moderator: Shauna Marquardt*

**Nest Box Occupancy of the Endangered Carolina Flying Squirrel in High Elevation Habitats in the Southern Appalachian Mountains**

*C.A. Diggins\**, W.M. Ford, and C.A. Kelly

**Habitat Association and Seasonality of Little Brown Bats (*Myotis lucifugus*) in the Chugach National Forest, Southcentral Alaska**

*J. Faust\** and D. Causey

**Urban Impacts on White-Tailed Deer Fawn Survival**

*C.R. Williamson\**, T.C. Carter, and C.M. Stewart

**Preliminary Results of the Effects of Utility-scale Solar Energy Projects on Bats**

D. S. Johnston, M. K. Jantzen, *K. M. Briones*, G. A. Reyes, & B. B. Boroski

**Potential Effects of Wind Energy Development on Indiana Bat Population Dynamics**

*R.A. Erickson*, W.E. Thogmartin, J.A. Szymanski, R.E. Russell, and J.E. Diffendorfer

**Modeling Encounters Between Migrating Bats and Wind Projects**

*J. Gruver*, C.S. Nations, & D.P. Young

**Locating Caves Using Remote Sensing - Color Infrared vs. Thermal Imaging**

R. Redman

**Transitioning From Traditional Data to Digital Data Management**

J.L. Jackson & *K.A. Cunningham*

Poster Session Thursday March 5

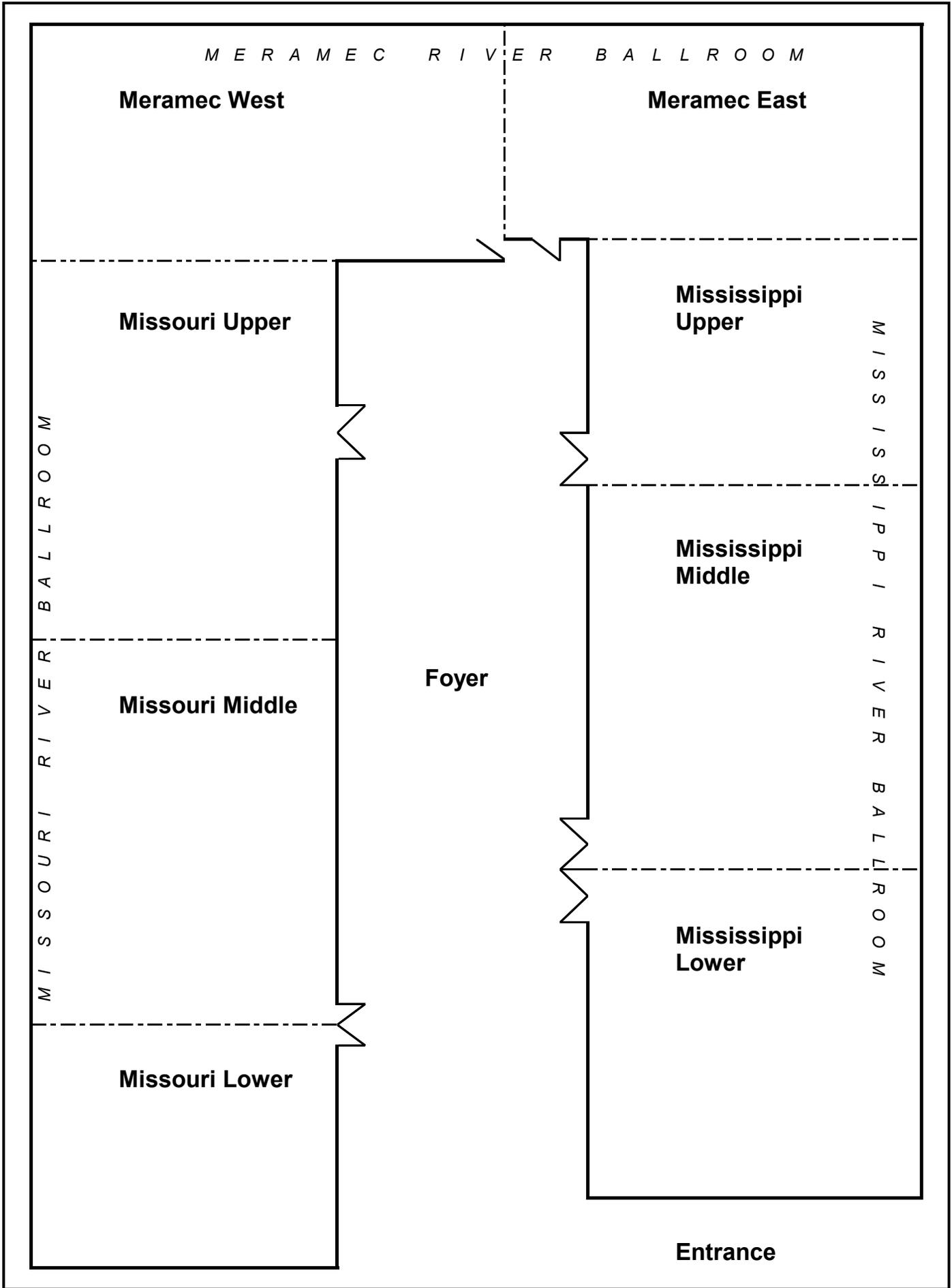
No.	Title and Authors
1	<b>Activity of Bats at Minnetonka Cave, Idaho</b> <u>B. Abel</u> , M. Wackenhut, and D. Green
2	<b>Demographics and Activity of the Mexican Long-Nosed Bat, <i>Leptonycteris nivalis</i> (Phyllostomidae) in Big Bend National Park, TX, USA</b> E. R. Adams* and L. K. Ammerman
3	<b>Bats and Public Shelters: Big Brown Bats of Hammel Woods Get Their Own Condo</b> <u>J. Armstrong-Ullberg</u>
4	<b>The Effect of Stream Degradation on Riparian Bat Diversity</b> <u>N. Buschhaus</u> , C. Litton*, R. Lowry*, S. Peterson, and H. Whiteman
5	<b>Bat Use of Timber Harvests and Adjacent Forests: A Comparison of Call Abundance Across the Harvest-Forest Gradient</b> <u>K. L. Caldwell*</u> and T. C. Carter
6	<b>Atypical American Beech Tree Used by Indiana Bat Maternity Colony</b> <u>M. K. Caylor</u> and J. J. Sheets
7	<b>Assessing Classifier Accuracy, KaPRO vs. SonoBat, South Florida Edition</b> J.D. Chenger and <u>J.D. Tyburec</u>
8	<b>Assessing Bats at Effigy Mounds National Monument in Eastern Iowa for Exposure to <i>Pseudogymnoascus destructans</i></b> <u>R.S. Cleary*</u> , K.M. McLaughlin, T.A. Kress, R.G. Mudalige-Jayawickrama, & G.L. Zuercher
9	<b>Missouri Bat Cave Surveys: the Past 30 Years and What the Future May Hold</b> <u>S.N. Colatskie</u> and A.G. Elliott
10	<b>Changes in Bat Community Composition During Seasonal Fall Migration in Northwest Tennessee</b> <u>G. A. Counts*</u> and N. Buschhaus
11	<b>Kootenay Community Bat Project: A Community-Based Approach to Bat Conservation</b> <u>J. A. Craig</u> , M. Sarell and L. A. Isaac
12	<b>Creation of Roost Trees for Indiana Bats: Effects of Tree Species, Size, and Season of Herbicide Treatment</b> <u>T.L. Derting</u> and S. Martin
13	<b>Incidental Captures of Eastern Spotted Skunk in a High Elevation Red Spruce Forest in the Southern Appalachians</b> <u>C.A. Diggins*</u> , D.S. Jachowski, J. Martin, and W.M. Ford
14	<b>Importance of Compliance Mist-Netting Surveys for Non-Target Species, Especially Ozark Big-Eared Bats in Arkansas</b> <u>K. N. Edmonds*</u> , P. R. Moore, and T. S. Risch
15	<b>Hibernating Bat Counts in New Mexico Caves</b> <u>J. Foote</u>
16	<b>Preliminary Results of a Long-Term Mark-Recapture Study of Small Mammals of Prairie Ridge Ecostation, a Restored Natural Area in Urban, Central NC</b> <u>L.J. Gatens</u> , B. M. Hess, and A. Parsons
17	<b>Short-Term Effects of Wildfire on Bat Activity</b> <u>N. D. Goforth*</u> , T. Kingston, and R. M. Verble-Pearson

Poster Session Thursday March 5

No.	Title and Authors
18	<b>Seasonal Sex Ratio Variation of Gray Bats (<i>Myotis grisescens</i>) Near a Hibernaculum in Southwest Missouri</b> <u>D. Green*</u> , C. Gerdes, L. Robbins
19	<b>Not on the Same Bat Channel: Challenges in Communicating About Bats</b> <u>C.J. Hibbard</u>
20	<b>Use of Multiple Methods to Verify Bat Species Occupancy in Northern Illinois</b> <u>T. Hohoff*</u> , J. Deppe, K. Gaines, and E. Bollinger
21	<b>The Man in the Moon: Bats' Mortal Enemy? An Exploration into Bats and Moonlight Avoidance</b> <u>J. Holmes*</u> , R. Arndt, J.M. O'Keefe
22	<b>Surveillance of Viral Pathogens from Alaskan Bats</b> M. W. Howard, M. Lange, <u>D. Causey</u>
23	<b>Northern Long-Eared Bat Roost Site Selection in a Managed Forest and Transmitter Retention Times</b> <u>J. Karsk*</u> and T.C. Carter
24	<b>Exploring the Relationship Between Ecological Niche Breadth and Dispersal Among Pacific Northwest Bats: A Preliminary Report</b> <u>R. Kelly*</u> , S. Santana
25	<b>Citizen Scientists Collect Baseline Data on Bat Distribution, Habitat Use, and Seasonal Activity in Southeast Alaska</b> <u>M. Kohan</u> and K. Blejwas
26	<b>Determining Species Diversity and Population Size of Bats at the Remac Mine, Pend D'Oreille Valley, BC</b> <u>C.L. Lausen</u> and L.A. Isaac
27	<b>Comparison of DNA Collection Methods to Identify Bat Species</b> <u>C. Lausen</u> , D. Player, and J. Harrison
28	<b>Bats Initiate Strong and Surprising Trophic Interactions in a Cosmopolitan Agroecosystem</b> <u>J. J. Maine*</u> and J. G. Boyles
29	<b>Trash to Treasure: Assessing Viability of Wing Biopsies for Use in Bat Genetic Research</b> <u>M. B. Manjerovic</u> , M. L. Green, A. N. Miller, J. Novakofski, and N. E. Mateus-Pinilla
30	<b>Montana's Bat Roost Surveillance Efforts</b> <u>B. A. Maxell</u> , S. Hilty, L. Hanauska-Brown, A. Shovlain, J. Chaffin, C. Servheen
31	<b>Determining the Bat Community at Effigy Mounds National Monument in Eastern Iowa Through Acoustic Surveys</b> <u>K. McLaughlin*</u> , R. Cleary, G.L. Zuercher
32	<b>Why is the Red Bat Red?</b> <u>P. R. Moosman, Jr.</u> , R. H. Hendren, and P. Chen
33	<b>Using Technology to Increase Participation in Citizen Science Bat Projects</b> <u>K.M. Morris</u> and J. Jeffery

## Poster Session Thursday March 5

- | No. | Title and Authors  |
|-----|--|
| 34  | <b>Handheld Bat Detectors as a Tool for Mist Net Site Selection &amp; Public Outreach</b><br><u>E. Olimpi*</u>   |
| 35  | <b>Selection of Tree Roosts by Male Indiana Bats During the Autumn Swarm in the Ozark Highlands</b><br><u>R.W. Perry</u> , S.C. Brandebura, and T. S. Risch  |
| 36  | <b>Response of Hibernating Tricolored Bats to Smoke Exposure From Forest Burning</b><br><u>R. W. Perry</u> , T. E. Tomasi, and P. N. Jordan  |
| 37  | <b>Trans, Trans-Farnesol from <i>Candida albicans</i> Can Kill or Inhibit <i>Pseudogymnoascus destructans</i></b><br>D. B. Raudabaugh, A. N. Miller, S. J. Taylor, E. J. Heske, <u>J. F. Merritt</u> , A. C. Yannarell, and N. Mateus-Pinilla      |
| 38  | <b>Bat Assemblage Across the Summer Landscape of KY, OH, PA, &amp; WV</b><br><u>C.D. Rockey</u>  |
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