

Ozark Summit 2012 Schedule

TUESDAY, June 12, 2012

PLENARY
2:00 pm – 3:30 pm
Temple 2

Welcome

Tamera Jahnke, Dean, College of Natural and Applied Sciences, Missouri State University

Ozarks: Terrestrial Restoration Context

Ken McCarty, Natural Resource Management Section Chief, Missouri State Parks

Ozarks: Aquatic Restoration Context

Jim Petersen, Supervisory Hydrologist, USGS Arkansas Water Science Center

COFFEE BREAK: 3:30 pm – 4:00 pm

UPDATES ON MULTI-PARTNER PROJECTS
4:00 pm – 5:30 pm
Temple 2

Gulf Coastal Plains and Ozarks Landscape Conservation Cooperative

John Tirpak, Science Coordinator, Gulf Coastal Plains & Ozarks LCC

Shortleaf Pine Restoration in the Interior Highlands: From Partnerships to Practice

Jane A. Fitzgerald, American Bird Conservancy

Ozark Hellbender Habitat Restoration on the Eleven Point River

Stephen O'Neal, Stream Team Biologist, Arkansas Game and Fish Commission

SOCIAL
5:30 pm – 6:30 pm
Temple Hall

Substantial complimentary hors d'oeuvres will be served
Cash bar available, featuring craft beer from Mother's Brewing Company and MSU Wines

EVENING SESSION
6:30 pm – 8:00 pm
Temple 2

Film Screening: Green Fire

"[A documentary] produced in partnership between the Aldo Leopold Foundation, the Center for Humans and Nature, and the US Forest Service. The film provocatively examines Leopold's thinking, renewing his idea of a land ethic for a population facing 21st century ecological challenges."

- www.greenfiremovie.com

After Leopold's Land Ethic: Education and Experiences

Janice Schnake Greene, Professor of Biology, Missouri State University

Panel Discussion

Jane Fitzgerald, Stephen O'Neal, and John Tirpak. Led by Janice Schnake Greene.

Ozark Summit 2012 Schedule

WEDNESDAY, June, 13, 2012

UPDATE ON STATE WILDLIFE ACTION PLANS

8:00 am – 9:30 am

Temple 2

Arkansas: Allison Fowler, Biologist/AWAP Coordinator, Arkansas Game and Fish Commission

Missouri: Dennis Figg, Wildlife Programs Supervisor, Missouri Department of Conservation

Oklahoma: Buck Ray, Environmental Biologist, Oklahoma Department of Wildlife Conservation

COFFEE BREAK: 9:30 am – 10:00 am

WORKSHOP AND TECHNICAL SESSIONS

10:00 am – 11:30 am

Please see page 4 for presentation titles

HABITAT RESTORATION FIELD TRIPS

11:30 am – 4:30 pm

Pick up boxed lunches outside of Temple 2. Bus transportation to and from field trips will be provided, as well as to and from Darr Agricultural Center will be provided

DINNER & EVENING SESSION

5:30 pm – 10:00 pm

Bond Learning Center at the W. H. Darr Agricultural Center

Missouri's Bats: Wind, Wings, and White-Nose Syndrome

Lynn Robbins, Professor of Biology, Missouri State University

Evening entertainment: Da Mulletts

Springfield-based bluegrass band composed of Bo Brown, Don Cunningham, and D. R. Randolph. Bo Brown also plays with Blackberry Winter, showcased on the soundtrack to the Oscar-nominated movie Winter's Bone.

THURSDAY, June 14, 2012

WORKSHOP AND TECHNICAL SESSIONS

8:00 am – 9:30 am

Please see page 5 for presentation titles

POSTER SESSION & COFFEE BREAK

9:30 am – 10:30 am

Temple Hallway

Please see page 16 for titles

RESTORATION AND CONSERVATION ON PRIVATE AND WORKING LANDS

10:30 am – 12:15 pm

Temple 2

Funding Opportunities

Liisa Schmoele, USFWS Partners for Fish and Wildlife Program, Columbia Missouri Field Office

Bob Schroepel, MDC Private Land Services Regional Supervisor, Southwest Region

Montie Hawks, Area Conservationist, Natural Resources Conservation Service

Shawn Sullivan, Regulatory Program Manager, US Army Corps of Engineers

Landowner Perspective

Wayne Gearhart, landowner, Eleven Point River, Arkansas

Connie Johnson, landowner, Missouri Tree Farmer

Workshop and Technical Sessions

WEDNESDAY, June 13

Temple 2	WORKSHOP I: NRDAR FUNDING OPPORTUNITIES IN THE SPRINGFIELD PLATEAU	
10:00 - 11:30 am	This panel session will discuss the restoration opportunities for \$20 million in Natural Resource Damage Assessment & Restoration settlement funds related to the mining in the Tri-State Mining District, and also the future restoration opportunities related to settlements within the Southeast Missouri Mining District.	Suzanne Dudding, USFWS Oklahoma, Environmental Contaminants Dave Mosby, USFWS Missouri, Environmental Contaminants John Weber, USFWS Missouri, Environmental Contaminants Scott Hamilton, USFWS Missouri, Environmental Contaminants

Temple 1	TECHNICAL SESSION I: STREAM SEDIMENTS AND FLOW	
10:00 - 10:20 am	Gravel sediment sources and bar distribution within the main stem of upper Bull Creek, southwest Missouri	Kyle K. Kosovich
10:20 - 10:40 am	Classification of Arkansas flow regimes to assist environmental flows assessment for the Ozark region	Scott D. Longing
10:50 - 11:10 am	Long-term data collection in three creeks of the upper watershed of the Strawberry River, AR, Fulton Co., USA, to assess effectiveness of BMP implementation	Teresa Brueggen
11:10 - 11:30 am	Geomorphic disturbance, mining contamination, and restoration implications for the Big River, southeastern Missouri	Robert T. Pavlowsky

Temple 3	TECHNICAL SESSION II: AQUATIC ANIMALS	
10:00 - 10:20 am	Culture of native freshwater mussels for research and restoration	Chris Barnhart
10:20 - 10:40 am	Testing the selectivity of a biocide against the invasive zebra mussel	Madeline Pletta
10:50 - 11:10 am	Distribution and abundance of the yellowcheek darter in the Little Red River drainage of Arkansas	Dustin T. Lynch
11:10 - 11:30 am	Ozark cavefish restoration in Missouri	Rick Horton

Workshop and Technical Sessions

THURSDAY, June 14

Temple 2	WORKSHOP II: CONSERVATION EASEMENTS	
8:00 - 9:30 am	The use of conservation easements has grown significantly in recent decades. Conservation easements are viewed by many as a successful marriage of private property rights and public conservation benefits. This panel session will explore the reasons why landowners and land trusts use conservation easements, the logistics of entering into a conservation easement, and the tax benefits available to landowners.	Jeff Crosby, Land Legacy Edward J. Heisel, Ozark Regional Land Trust Jim Hendren, Mid America Land Services Peggy Horner, Missouri Department of Conservation Doug Ladd, The Nature Conservancy

Temple 1	TECHNICAL SESSION III: TERRESTRIAL RESTORATION	
8:00 - 8:20 am	Landscape-based population viability models demonstrate importance of strategic conservation planning for birds	D. Todd Jones-Farrand
8:20 - 8:40 am	Population biology of restored collared lizards at Stegall Mountain Natural Area	Amy Conley
8:50 - 9:10 am	Prescribed fire effects on exotic invasive plants in Missouri's forested landscape: A literature review	Aaron P. Stevenson
9:10 - 9:30 am	The Oak Woodlands and Forests Fire Consortium	Keith W. Grabner

Temple 3	TECHNICAL SESSION IV: STREAM HABITAT RESTORATION	
8:00 - 8:20 am	River restoration to improve habitat and water quality for rare and endangered species in Arkansas	Ethan Inlander
8:20 - 8:40 am	Lessons from 45 years of habitat restoration and rehabilitation at Tumbling Creek Cave and in its recharge area	Shiloh Kirkland
8:50 - 9:10 am	Water quality and forage production from municipal biosolids land application in southwest Missouri	Marc R. Owen
9:10 - 9:30 am	The Lower Osage River Protection and Enhancement Program	Bryan Simmons

Campus Map

2011-2012 VISITORS MAP

FACILITIES

Art Annex	101	7-J	McDonald Hall & Arena	133	7-I
Baker Bookstore	102	7-H	McQuary Family Health Sciences Hall	134	4-F
Blair-Shannon House	103	7-G	Meyer Alumni Center, Kenneth E.	135	2-D
Blunt Jordan Valley Innovation Center, Roy	104	1-A	Meyer Library, Duane G.	136	6-I
Blunt Jordan Valley Innovation Center Labs, Roy	105	1-A	Morris Center for Continuing Education, Jim D.	137	2-D
Brick City	106	1-B	Park Central Office Building	138	2-D
Burgess House	107	8-H	Plaster Center for Free Enterprise & Business Development, Robert W.	139	2-B
Carrington Hall	108	7-I	Plaster Sports Complex, Robert W.	140	7-I
Central Stores & Maintenance	109	6-J	Plaster Student Union, Robert W.	141	7-H
Cheek Hall	110	8-H	Power House	142	7-I
Child Development Center	111	4-F	Professional Building	143	4-F
Craig Hall	112	8-J	Pummill Hall	144	7-I
Early Childhood & Family Development	113	4-E	Safety & Transportation Offices/Police Substation	145	4-E
Ellis Hall	114	8-I	Scholars House	146	7-F
Forensics Laboratory	115	4-F	Sisaluff Hall	147	8-I
Forsythe Athletics Center	116	6-H	Strong Hall	148	5-I
Freudenberger House	117	7-H	Student Exhibition Center	149	5-E
Garst Dining Center	118	6-F	Student Media Center	150	5-F
Glass Hall, David D.	119	5-I	Sumvilla Tower	151	5-E
Greenwood Laboratory School	120	7-G	Taylor Health & Wellness Center	152	7-G
Hammons Hall for the Performing Arts, Juanita K.	121	5-F	Temple Hall	153	6-I
Hammons House	122	6-F	Transit Operations Center	154	4-E
Hammons Student Center, John Q.	123	5-G	University Hall	155	8-H
Hill Hall	124	8-I	Warren Center for Archaeological Research, Bernice	156	4-F
Hutchens House	125	7-F	Wehr Band Hall	157	5-F
JOH Arena	126	5-G	Wells House	158	8-H
Karfs Hall	127	7-J	Woods House	159	7-G
Kemper Hall	128	5-J			
Kentwood Hall	129	4-D			
Kings Street Annex	130	6-H			
Leroy/Wolf Building	131	2-D			
Madison Hall	132	8-H			

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