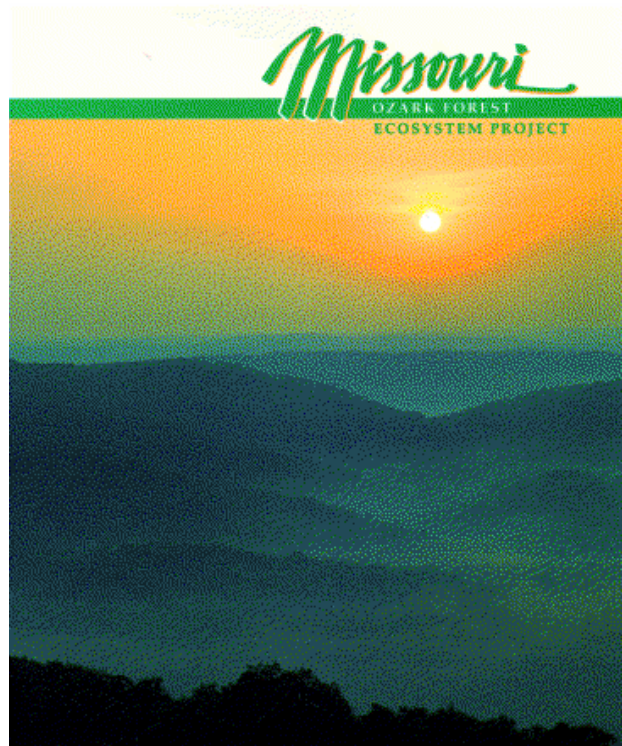


Whitney and Anna Harris Conservation Forum 2007

Missouri Ozark Forest Ecosystem Project (MOFEP): Forests Forever?



Thursday, November 8, 2007
The Living World, Saint Louis Zoo

PROGRAM

Registration and view exhibits	5:30-6:00 p.m.
Concurrent Workshops	6:00-6:50 p.m.
Dinner, view exhibits and posters	6:50-7:30 p.m.
Keynote Session	7:30-9:00 p.m.

Missouri Ozark Forest Ecosystem Project (MOFEP): Forests Forever?

Concurrent Workshop 1 - 6:00-6:50 p.m. – Classroom 1

Dr. Rochelle Renken, Resource Scientist, Missouri Department of Conservation

An evaluation of landscape scale forest management impacts upon amphibians, reptiles, and small mammals in MOFEP

Dr. Paul Porneluzi, Associate Professor of Biology, Central Methodist University

Effects of experimental forestry on songbird abundance

Concurrent Workshop 2 - 6:00-6:50 p.m. – Anheuser-Busch Auditorium

Dr. Daniel Dey, USDA Forest Service, North Central Research Station, University of Missouri-Columbia

Forest dynamics and regeneration in relation to environmental factors and harvest methods

Dr. John Landosky, Post-Doctoral Associate, Department of Biology, University of Missouri-St. Louis.

Interactions between avian and insect herbivore communities within MOFEP

Keynote Session – 7:30-9:00 p.m. – Anheuser-Busch Auditorium

Dr. David Gwaze, Resource Scientist, Missouri Department of Conservation

An overview of the Missouri Ozark Forest Ecosystem Project (MOFEP)

Dr. Richard Guyette, Department of Forestry, University of Missouri-Columbia

From Ozark fire scars to a North American fire history

Dr. Wendy Gram, Sam Noble Oklahoma Museum of Natural History, University of Oklahoma

Evaluating the effects of forest management on animal and plant communities

Missouri Ozark Forest Ecosystem Project (MOFEP)

The Missouri Ozark Forest Ecosystem Project is an integrated collaborative effort examining ecosystem level response in as many dimensions as possible and relating these to standard forest management options. Over nine thousand acres of state forest land are now divided into nine areas called compartments—ranging from 650 to 1,300 acres. Each compartment receives one of three kinds of forest management: (1) even-aged management, (2) uneven-aged management and (3) no management (control). Researchers are studying forest vegetation, songbirds, small mammals, reptiles, amphibians, and the insects and other invertebrates that make up this ecosystem. The entire project is now on a 100-year schedule and this visionary, long-term program provides a unique opportunity to relate responses of complex forest ecosystems to current forest management practices. The lead organization is the Missouri Department of Conservation but participants also include scientists from the University of Missouri-Columbia, University of Missouri-St. Louis, Southeast Missouri State University, University of Oklahoma, University of Toledo, Central Methodist University, University of Tennessee, Missouri Department of Natural Resources, The Nature Conservancy and the U. S. Forest Service.

Poster Presentations

Brian F. Allan, Richard S. Ostfeld, Lisa Goessling, Gregory A. Storch, Robert E. Thach and Jonathan M. Chase, Department of Biology, Washington University
Effects of forestry practices on human risk of tick-borne diseases

Rafael Brito-Aguilar, Avian Ecology Laboratory, University of Missouri-Columbia
Use of clearcuts by second growth birds in the Missouri Ozarks

Andrew Cox, Avian Ecology Laboratory, University of Missouri-Columbia
Nest predators in Missouri forests

John Faaborg, Avian Ecology Laboratory, University of Missouri-Columbia
Long-term dynamics of bird use of Ozark clearcuts in late summer as measured with mist nets

Dana Morris, Avian Ecology Laboratory, University of Missouri-Columbia
Body condition and reproductive output of Indigo Buntings in Missouri's contiguous and fragmented forests

Robin Hirsch-Jacobson, Avian Ecology Laboratory, University of Missouri-Columbia
Are fragmented forests population sinks for migratory birds?

Participating Conservation Organizations

Center for Conservation and Sustainable Development

Contact: Center for Conservation and Sustainable Development, Missouri Botanical Garden, 4344 Shaw Boulevard, St. Louis, MO 63110. Tel.: (314) 577-9473; Fax: (314) 577-9596; email: burgund.bassuner@mobot.org; <http://www.mobot.org/plantscience/ccsd/>

Forest Park Forever

Contact: Forest Park Forever, 5595 Grand Drive, St. Louis, MO 63112; Tel.: (314) 367-7275; Fax: (314) 367-7622; email: sbuback@forestparkforever.org; <http://www.forestparkforever.org>

Gateway Center for Resource Efficiency

Contact: Gateway Center for Resource Efficiency, 3617 Grandel Square, St. Louis, MO 63108. Tel.: (314) 577-0220; Fax: (314) 577-0298; email: gateway.center@mobot.org; <http://www.mobot.org/gatewaycenter/earthways.html>

Gateway Greening

Contact: Gateway Greening, Missouri Botanical Garden, P.O. Box 299, St. Louis, MO 63166. Tel.: (314) 577-9484; Fax: (314) 577-9435; email: gateway.greening@mobot.org; <http://www.gatewaygreening.org>

The Green Center

Contact: The Green Center, 8025 Blackberry Avenue, St. Louis, MO 63130. Tel.: (314) 725-8314; Fax: (314) 725-4291; email: smintz@thegreencenter.org; <http://www.thegreencenter.org>

Missouri Botanical Garden

Contact: Missouri Botanical Garden, 4344 Shaw Boulevard, St. Louis, MO 63110. Tel.: (314) 577-5100; Fax: (314) 577-9596; <http://www.mobot.org>

Missouri Botanical Garden Press

Contact: Missouri Botanical Garden, 4344 Shaw Boulevard, St. Louis, MO 63110. Tel.: (314) 577-9534; Fax: (314)-577-9594; email: mbgpress@mobot.org; <http://www.mbgpress.info/>

Missouri Department of Conservation

Contact: Missouri Department of Conservation, St. Louis Regional Office, 2360 Hwy D, St. Charles, MO 63304. Tel.: (636) 441-4554; email: tracy.boaz@mdc.mo.gov; <http://www.conservation.state.mo.us>

Missouri Prairie Foundation

Contact: Missouri Prairie Foundation, P.O. Box 200, Columbia, MO 65205. Tel.: (573) 356-7828; 1-888-843-6739; 636-946-0470; email: MissouriPrairie@yahoo.com; <http://www.moprairie.org>

The Nature Conservancy - Missouri Chapter

Contact: The Nature Conservancy, 2800 South Brentwood Boulevard, St. Louis, MO 63144. Tel.: (314) 968-1105; Fax: (314) 968-3659; email: missouri@tnc.org; <http://nature.org>

North American Butterfly Association

Contact: NABA-St. Louis, 3900 Berger Ave, St. Louis, MO 63109. Tel.: (314) 781-7372; <http://www.naba.org/>

Saint Louis Audubon Society

Contact: c/o Karen B. Meyer, 12793 Parkway Estates Drive, St. Louis, MO 63146. Tel.: (314) 982-1774; Fax: (314) 982-0586; email: kb2bird@sbcglobal.net; <http://www.stlouisaudubon.org>

Saint Louis Earth Day

Contact: Saint Louis Earth Day, P.O. Box 19863, St. Louis, MO 63144. Tel.: (314) 961-5838; Fax: (314)-961-5836; email: trf@stlouisearthday.org; <http://www.stlouisearthday.org>

Saint Louis Rainforest Advocates

Contact: Rachel Crandell, Saint Louis Rainforest Advocates, 1128 Weidman Road, Town & Country, MO 63017-8445. Tel.: (314) 878-8427; email: rwcrandell@aol.com

Saint Louis Zoo

Contact: Saint Louis Zoo, One Government Drive, St. Louis, MO 63110. Tel.: (314) 781-0900; <http://www.stlzoo.org>

Sierra Club—Eastern Missouri Group

Contact: Sierra Club, 7164 Manchester Avenue, St. Louis, MO 63143. Tel.: (314) 644-0890; email: emg.sierraclub@earthlink.net; <http://www.missouri.sierraclub.org/emg>

Sophia M. Sachs Butterfly House and Education Center

Contact: The Sophia M. Sachs Butterfly House and Education Center, Faust Park, 15193 Olive Boulevard, Chesterfield, MO 63017. Tel.: (636) 530-0076; Fax: (636) 530-1516; email: joe.norton@mobot.org; <http://www.butterflyhouse.org>

Webster Groves Nature Study Society

Contact: Webster Groves Nature Study Society, P.O. Box 190065, St. Louis, MO 63119. Tel.: (314) 963-0103; email: aee623@prodigy.net; <http://www.wgnss.org>

Whitney R. Harris World Ecology Center

Contact: Whitney R. Harris World Ecology Center, University of Missouri-St. Louis, 1 University Boulevard, St. Louis, MO 63121. Tel.: (314) 516-5219; Fax: (314) 516-6233; email: osbornepl@umsl.edu; <http://hwec.umsl.edu>

Wild Bird Rehabilitation

Contact: Wild Bird Rehabilitation, 9624 Midland Boulevard, Overland, MO 63114. Tel.: (314) 426-6400; Fax: (314) 426-6403; email: wildbirdrehab@att.net; <http://www.wildbirdrehab.org>

Wildlife Center of Missouri

Contact: Wildlife Center of Missouri, 1128 New Ballwin Road, Ballwin, MO 63021. Tel.: (636) 394-1880; Fax: (636) 394-8143; email: wildliferescue@mowildlife.org; <http://www.mowildlife.org>

Conservation Forum 2007 Organizing Committee

Mr. Jim Jordan (Saint Louis Zoo)

Ms. Olga Martha Montiel (Center for Conservation and Sustainable Development, Missouri Botanical Garden and Whitney R. Harris World Ecology Center Council Member)

Dr. Robert Marquis (Department of Biology, University of Missouri-St. Louis)

Dr. Patrick Osborne (Whitney R. Harris World Ecology Center, University of Missouri-St. Louis)

Sponsors

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