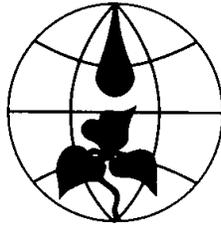


# Conservation Forum 2001



**ICTE**

International Center  
for Tropical Ecology



*Thursday, October 4, 2001*  
The Living World  
Saint Louis Zoo

# Conservation Forum Program

Registration and view exhibits 5:00-5:30 p.m.

Afternoon Session I 5:30-6:00 p.m.

Classroom 1 **Greg Iffrig, Pioneer Forest**  
*Celebrating fifty years of sustainable forest management at Pioneer Forest*

Classroom 2 **Ann Mack, Trailnet/Confluence Greenway**  
*The Confluence Greenway*

Classroom 3 **Leonard Sonnenschein, President, St. Louis Children's Aquarium**  
*St. Louis Children's Aquarium's commitment to aquatic conservation research*

Classroom 4 **Shelley Welsch, Executive Director, The Green Center**  
*Private/Public partnering for the environment*

Monsanto Room **Yvonne Homeyer, Webster Groves Nature Study Society**  
*Songbirds in decline: Why we are losing them and how we can save them*

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Afternoon Session II 6:10-6:40 p.m.

Classroom 1 **Simon Davies, World Bird Sanctuary**  
*Freedom flight: The smuggling of tropical bird species*

Classroom 2 **Ed Knight, Department of Natural Resources, Water Pollution Control Program**  
*Mercury in Missouri Fish...How did this happen and what can we do?*

Classroom 3 **Tracy Boaz, Urban Watershed Conservationist,  
Missouri Department of Conservation**  
*Planning for a Healthy Environment: The Urban Watershed Conservation Program*

Classroom 4 **Melissa Hurayt, Volunteer Co-Ordinator, Education Department,  
Wild Canid Survival and Research Center**  
*Providing an alternative to extinction.*

Monsanto Room **Kimberly Holbrook, International Center for Tropical Ecology**  
*Big-beaked birds and seed dispersal in Africa*

**Cintia Cornelius, International Center for Tropical Ecology**  
*Conservation and development: conflicts in temperate rain forests in Chile*

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Dinner and view exhibits 6:40-7:25 p.m.

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

**Presentation of Conservation Action Prize to Douglas Ladd,  
Interim Director, The Nature Conservancy (Missouri Chapter)**

**Dr. Jan Salick, Curator of Ethnobotany, Missouri Botanical Garden**  
*Interactions of peoples and plants for conservation*

**Dr. Barry Chernoff, Associate Curator and Head, Fishes,  
Department of Zoology, Field Museum, Chicago**  
*The fishes, the forest and the floods: challenges and opportunities for conservation of  
aquatic ecosystems in South America*

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Reception and view exhibits 9:00-10:00 p.m.



## Conservation Action Prize

In October 2000 the International Center for Tropical Ecology established the Conservation Action Prize to recognize individuals who are particularly active in the frontline of biological conservation. Conservation action is, more often than not, the endpoint of years of hard work, dedication, sound science, forged alliances, and sheer determination. It takes a very special kind of individual to achieve and implement solutions in the conservation arena. The ICTE's Conservation Action Prize recognizes and honors the "unsung heroes" of conservation who have been intimately involved and successful in seeking solutions to conservation problems, developing conservation strategies, implementing programs that conserve natural resources, habitats and biodiversity, educating the public on issues pertaining to biological conservation, or providing leadership through example. The first recipient of the Conservation Action Prize was Sharon Matola, Director of the Belize Zoo, who has literally brought environmental education to the kids of Belize, and has actively campaigned against ill-advised development projects in Belize.

This year we recognize Douglas Ladd, Interim Director, The Nature Conservancy (Missouri Chapter).



## Douglas Ladd

Douglas Ladd is Director of Conservation Science for the Missouri Chapter of The Nature Conservancy. He has been involved with conservation planning, natural area assessment, management, restoration, and research for more than twenty-five years, with particular emphasis on vegetation, and fire ecology. Recent work has concentrated on vegetation and fire ecology of midwestern prairies and woodlands, developing assessment and ecological monitoring protocols for terrestrial vegetation, and ecoregional conservation planning. He has also worked on lichen floristics and ecology in the Midwest for over a decade, and is currently collaborating with Richard Harris of the New York Botanical Garden on a treatment of the lichens of the Ozarks. He has undergraduate degrees in botany and chemistry, and a master's degree in botany from Southern Illinois University, where his thesis research was conducted under Dr. Robert Mohlenbrock on the flora and vegetation of north-central Vermont. In addition to numerous articles and reports, he is the author of two plant field guides, *North Woods Wildflowers* and *Tallgrass Prairie Wildflowers*, and co-author of *Discover Natural Missouri* and *Distribution of Illinois Vascular Plants*. A research associate at the Missouri Botanical Garden in St. Louis and the Morton Arboretum in Chicago, Ladd also serves on the Science Advisory Board for Bernheim Arboretum and Research Forest in Louisville. He resides in Webster Groves with his wife Deborah and daughter Melica.



## Keynote Speakers

### Dr. Jan Salick

Jan Salick's academic career began with a bachelor's degree from the University of Wisconsin, Madison (1972); a master's degree from Duke University (1977); and a Ph.D. from Cornell University (1983). Her dissertation on cassava (*Manihot esculenta*) stimulated her interest in ethnobotany and this developed with a post-doctoral position and subsequent Assistant Curatorship at the New York Botanical Garden. From 1989-2000 she was Assistant and then Associate Professor of Tropical Ecology and Ethnobotany in the Department of Plant Biology at Ohio University. During that period she was also Leader of a Forest Margins Program at the International Center for Tropical Agriculture, Associate Scientist at the Center for Research and Teaching of Tropical Agriculture, and Visiting Curator at the Royal Botanic Gardens, Kew. She was appointed Curator of Ethnobotany at the Missouri Botanical Garden in 1999.

Dr. Salick's research has developed ecological ethnobotany, or the study of interactions between plants and people. At the genetic level, Jan's research elucidates ethnobotanical inquiry of crop domestication and *in situ* crop germplasm conservation. At the population level, she addresses cultivation, sustainable production and harvest of non-timber forest products. Jan has investigated ethnobotanical topics such as indigenous farming and forest management, natural forest management, distributions of useful plants, and ethnobotanical prioritization for plant conservation. Her studies have taken her to Brazil, Peru, Colombia, Venezuela, Nicaragua, Costa Rica, Malaysia, Indonesia, South Africa, as well as countries in Europe, North America and West Africa.

Dr. Salick's research activities and conference organization have been funded by NSF, US Title VI Funds, USDA, USAID, US Fish and Wildlife Service, Andrew W. Mellon and The MacArthur Foundation. International funds have been provided by Sweden, Denmark, Global Environmental Fund (UNDP) and the CGIAR (CIAT, IBPGR, CATIE). NGO funding has come from WWF and The Nature Conservancy.

Dr. Salick has received international honors including President of the Society for Economic Botany and Fellow of the American Association for the Advancement of Science and the Linnean Society of London. She is a regular contributor and reviewer for journals on economic and ethnobotany, ecology, and botany. She serves on many boards, reviews and committees of governmental agencies, NGOs, foundations, universities, and botanical gardens.

### Dr. Barry Chernoff

Barry Chernoff is Associate Curator and Head of the Division of Fishes, Department of Zoology at The Field Museum in Chicago. He is also a Lecturer at the University of Chicago and Adjunct Professor of Neotropical Zoology at the Universidad Central de Venezuela. He obtained his B.S. at the State University of New York (Stony Brook) in 1973 and his M.S. from Adelphi University in 1976. He was awarded his Ph.D. by the University of Michigan in 1983.

His current research is concerned with understanding the patterns and processes involved in morphological evolution. He integrates phylogenetic studies of fishes with morphometric studies of development in an attempt to evaluate current evolutionary theories. His research is focused on silverside fishes of the world (Atheriniformes) and groups of characiform fishes that live in the fresh waters of South America. These fishes offer an unusual opportunity to study morphological evolution across a variety of habitats and environments. The morphologies of these fishes are often highly influenced by the habitats within which they live. He investigates patterns of morphological diversity that are due to phylogenetic (historical) factors and the patterns that are due to environmental influences. These studies emphasize general questions about morphological evolution, such as the evolution of complexity, character stasis and the relationship between genetic and developmental evolutionary models.

Dr. Chernoff has worked closely with Conservation International's AquaRAP program. He served as AquaRAP team leader and chief ichthyologist for the AquaRAP Pantanal and AquaRAP Paraguay expeditions. AquaRAP (Aquatic Rapid Assessment Program) is a multinational, multidisciplinary, collaborative program managed by Conservation International and The Field Museum. This program is devoted to identifying conservation priorities and sustainable management opportunities in freshwater ecosystems in Latin America.

Dr. Chernoff is Vice Chairman, National Committee for International Union of Biological Sciences, was a member of the Board of Governors, American Society of Ichthyology and Herpetology from 1985-1989 and 1991-1996. He served on the Governing Council of the Society of Systematic Biology from 1993-1997.

# Participating Conservation Organizations

## Center for Plant Conservation

Founded in 1984, the Center for Plant Conservation (CPC) is a national conservation organization headquartered at the Missouri Botanical Garden. Comprised of 32 botanical gardens and arboreta nationwide, the Center is dedicated to conserving and restoring the rare native plants of the United States. The Center currently houses over 570 rare United States taxa in live holdings within this network. It is the first national organization devoted exclusively to preventing the extinction of America's threatened flora.

Contact: Center for Plant Conservation, Missouri Botanical Garden, P.O. Box 299, St. Louis, MO 63166-0299. Tel.: (314) 577-9450; email: [cpc@mobot.org](mailto:cpc@mobot.org); <http://www.mobot.org/CPC>.

## Confluence Greenway

The Confluence Greenway Project is working to establish a perpetually sustainable, 40-mile riverside recreation and conservation area on both banks of the Mississippi, extending from the Gateway Arch in downtown St. Louis to the river's meeting-points with the Missouri and Illinois Rivers. The Confluence Greenway will create a popular, one-of-a-kind destination for countless visitors. Its parks and trails would offer unprecedented access to the waterfront for hiking, biking, fishing, bird-watching, river-watching, and much more. The Greenway will restore and protect environmentally sensitive land, plants, and wildlife, while helping to keep our rivers clean, control flooding, and reduce storm runoff. Significant parts of the project already exist, such as the Gateway Arch, Eads Bridge, Old Chain of Rocks Bridge, Pere Marquette State Park, and Columbia Bottom. The Confluence Greenway will unite them, along with several more parks, trails, and other sites.

Contact: Confluence Greenway, 2100 Locust #2N, St. Louis, MO 63103. Tel.: (314) 436-1324; Fax (314) 436-9215; email: [lauracohen@trailnet.org](mailto:lauracohen@trailnet.org); <http://www.confluencegreenway.org>.

## Conservation Federation of Missouri

In 1935, conservation clubs throughout Missouri came together to form the Conservation Federation of Missouri. They organized with the purpose of taking conservation out of politics. Their work resulted in the creation of the Missouri Department of Conservation, a non-political conservation agency that has been a model for other states. Since then, the Federation has undertaken many successful battles to ensure that Missouri continues to be the leading state in conservation policies and funding. In 1976, CFM spearheaded successful passage of the conservation sales tax to create stable funding for Missouri's forests, fauna and fish. Today CFM is the largest and most representative conservation group in Missouri. It is a citizens' organization with 80 clubs and 35,000 members. CFM is the Missouri affiliate of the National Wildlife Federation.



Contact: Conservation Federation of Missouri, 728 W. Main, Jefferson City, MO 65101. Tel.: (573) 634-2322; Fax: (573) 634-8205; email: [confedmo@socket.net](mailto:confedmo@socket.net); <http://www.confedmo.com>.

## Endangered Species Coalition

As the guardian of the Endangered Species Act of 1973 (ESA), the Endangered Species Coalition (ESC) speaks on endangered species issues for over 440 environmental, conservation, religious, scientific, humane,

sporting and business groups around the country. Our tools are public education, scientific information and public participation in all decisions affecting the fate of threatened and endangered species. Through extensive grassroots work, education, discussions with lawmakers, and the dissemination of information, we work to ensure that the Act itself as well as the species it protects, can be passed on safely into the future.

Contact: Endangered Species Coalition, 1027 East Walnut Street, Columbia, MO 65201. Tel.: (573) 442-0726; Fax: (801) 327-4276; email: [cphillips@stopextinction.org](mailto:cphillips@stopextinction.org); <http://www.stopextinction.org>.

### **The Field Museum of Natural History, Chicago**

The Field Museum was incorporated in the State of Illinois on September 16, 1893 as the Columbian Museum of Chicago with its purpose the "accumulation and dissemination of knowledge, and the preservation and exhibition of objects illustrating art, archaeology, science and history." In 1905, the Museum's name was changed to Field Museum of Natural History to honor the Museum's first major benefactor, Marshall Field, and to reflect its focus on the natural sciences. The Field Museum was founded to house the biological and anthropological collections assembled for the World's Columbian Exposition of 1893. These objects form the core of the Museum's collections which have grown through world-wide expeditions, exchange, purchase, and gifts to more than twenty million specimens. The Museum's curatorial and scientific staff in the departments of Anthropology, Biology, Geology, and Zoology conducts basic research in the fields of systematic biology and anthropology, and also has responsibility for collections management, and collaboration in public programs with the Departments of Education and Exhibits. Since its founding, the Field Museum has been an international leader in evolutionary biology and paleontology, and archaeology and ethnography, and has long maintained close links, including joint teaching, students, seminars, with local universities—particularly the University of Chicago and the University of Illinois at Chicago.

Contact: The Field Museum of Natural History, 1400 South Lake Shore Drive, Chicago, IL 60605-2496. Tel.: (312) 922-.9410; <http://www.fieldmuseum.org>.

### **Gateway Greening**

Gateway Greening is a nonprofit organization dedicated to community development through community gardening. Since 1984, Gateway Greening has helped transform neglected and abandoned lots in St. Louis into productive gardens and beautiful landscaped areas. In addition to our community gardens, Gateway Greening also partners with area schools to bring gardening programs into the classroom—educating children on the wonders of gardening through grow labs, vermicomposting, outdoor programs, and other gardening activities.

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

### **The Green Center**

The Green Center is a natural laboratory and cultural gathering place, where people of our community with their diverse backgrounds and experiences can come together to appreciate and understand each other and their relationship to the natural world. By offering the opportunity to touch and experience the wonder of nature in our outdoor spaces, we explore the link between nature and culture in a whole and healthy society. The outdoor spaces of the Green Center include the 26-acre Ruth Park Woods; a wetland; a half-acre prairie; learning/demonstration gardens; and an arboretum, all located within a mile walk of the Green Center headquarters in Kaufman Park in University City, Missouri.

Contact: The Green Center, 8025 Blackberry Avenue, University City, MO 63130. Tel.: (314) 725-8314; Fax: (314) 725-4291; email: [info@thegreencenter.org](mailto:info@thegreencenter.org); <http://www.thegreencenter.org>.

## **International Center for Tropical Ecology**

The International Center for Tropical Ecology was established in 1990 through a cooperative agreement between the University of Missouri-St. Louis and the Missouri Botanical Garden. The Center promotes research and education in tropical ecology, the conservation of biodiversity, and the sustainable use of tropical ecosystems. A key role of the Center is to facilitate graduate education in ecology, evolution, systematics, tropical biology, and conservation by providing a stimulating academic environment. Presently more than 80 graduate students from over 20 countries are associated with the Center. The Center is also committed to undergraduate education in conservation biology, focusing on Missouri and temperate ecosystems. Through events such as the Conservation Forum, the Center promotes an awareness within the St. Louis community of the importance of conservation and environmentally sustainable policies and practices.

Contact: International Center for Tropical Ecology, UM-St. Louis, 8001 Natural Bridge Road, St. Louis, MO 63121. Tel.: (314) 516-6203; Fax: (314) 516-6233; email: [icte@umsl.edu](mailto:icte@umsl.edu); <http://icte.umsl.edu>.

## **Missouri Botanical Garden**

A world-class garden and botanical and conservation research institution, founded in 1859 by Henry Shaw, features 79 acres of gardens, flora from tropical rain forest to deserts, special events, and educational programs. The Missouri Botanical Garden is home to over 30 different gardens, the Climatron®, a world famous Botanical Research Center, an active Education Division, and much more. Shaw Nature Reserve is located approximately 35 miles west of St. Louis and encompasses 2,500 acres of natural Ozark landscape and managed plant collections. The Missouri Botanical Garden's mission is to discover and share knowledge about plants and their environment in order to preserve and enrich life.

Contact: Missouri Botanical Garden, 2345 Tower Grove Avenue, P.O. Box 299, St. Louis, MO 63166-0299. Tel.: (314) 577-5169; Fax: (314) 577-9596; email: [freeland@mobot.org](mailto:freeland@mobot.org); <http://www.mobot.org>.

## **Missouri Coalition for the Environment**

The Missouri Coalition for the Environment works to preserve, protect, and enhance an environment that is livable, healthful, and sustainable, through a comprehensive program of education, citizen action, and legal defense.

Contact: Missouri Coalition for the Environment, 6267 Delmar, St. Louis, MO 63130. Tel.: (314) 727-0600; Fax: (314) 727-1665; email: [royh@moenviron.org](mailto:royh@moenviron.org); <http://www.moenviron.org>.

## **Missouri Department of Conservation**

The mission of the Missouri Department of Conservation is: to protect and manage the fish, forest, and wildlife resources of the state; to serve the public and facilitate their participation in resource management activities; and to provide opportunity for all citizens to use, enjoy, and learn about fish, forest, and wildlife resources. Since 1937, the Missouri Department of Conservation has been working to control, manage, restore, conserve, and regulate the bird, fish, game, forests, and all other wild resources in the state. Our goal is to create healthy, sustainable plant and animal communities well into the future. Hunting, fishing, and trapping permits provided most of the funding in the first 40 years, but in 1976 an expanded program, the "Design for Conservation" was passed to set aside one-eighth of one percent sales tax directly to the agency. That consistent funding, plus a strong, non-political structure and very supportive public helped Missouri become a leader in conservation efforts.

Contact: Missouri Department of Conservation; St. Louis Regional Office; 2360 Hwy D, St. Charles, MO 63304. Tel.: (636) 441-4554; e-mail: [berthh@mail.conservation.state.mo.us](mailto:berthh@mail.conservation.state.mo.us).  
<http://www.conservation.state.mo.us>.

### **Missouri Department of Natural Resources**

The Department of Natural Resources envisions a Missouri where people live and work in harmony with our natural and cultural resources, make decisions that result in a quality environment, and prosper today and in the future. The mission of the Department of Natural Resources is to preserve, protect and enhance Missouri's natural, cultural and energy resources and to inspire their enjoyment and responsible use for present and future generations.

Contact: Department of Natural Resources, P. O. Box 176, 204 Jefferson Street, Jefferson City, MO 65102. Tel.: 1-800-334-6946; e-mail: [tap@mail.dnr.state.mo.us](mailto:tap@mail.dnr.state.mo.us).

Missouri Department of Natural Resources, St. Louis Urban Outreach Office, 4030 Chouteau, 6th Floor, St. Louis, MO 63110. Tel.: (314) 340-5900; Fax: (314) 340-5904; email: [nrstonj@mail.dnr.state.mo.us](mailto:nrstonj@mail.dnr.state.mo.us);  
<http://www.dnr.state.mo.us>.

### **The Nature Conservancy - Missouri Chapter**

The Nature Conservancy is an international nonprofit conservation organization committed to the protection of ecologically significant areas and the diversity of life they support. To date, The Nature Conservancy and its 900,000 members have been responsible for the protection of more than 10 million acres in the United States, Canada, Latin America, and the Caribbean. The Nature Conservancy owns and manages the largest privately owned nature preserve system in the world. The Missouri Chapter with 13,500 members, has protected more than 136,000 acres of critical habitat across the state and owns 36 preserves.

Contact: The Nature Conservancy, 2800 S. Brentwood Blvd., St. Louis, MO 63144. Tel.: (314) 968-1105; email: [missouri@tnc.org](mailto:missouri@tnc.org); <http://www.tnc.org>.

### **North American Butterfly Association**

The North American Butterfly Association was founded by Dr. Jeffrey Glassberg in 1993 to promote non-consumptive, recreational butterflying and to increase the public's enjoyment, knowledge and conservation of butterflies. The St. Louis Chapter (NABA-St. Louis) was started in 2000. One of NABA's main activities is the July 4 butterfly count that takes place in Canada, the United States and Northern Mexico. Similar to the Audubon Society's annual Christmas bird count, the butterfly count is a census of butterflies in a given area year after year. NABA-St. Louis conducts counts at Busch Conservation Area in St. Charles County, Horseshoe Lake in Madison County, Illinois and in the Shawnee National Forest in Harrisburg, Illinois. NABA-St. Louis teaches a class on butterflies at Meramec Community College and offers butterfly walks in conjunction with the Missouri Botanical Garden and the Green Center.

Contact: President, NABA-St. Louis, 1508 Oriole Lane, St. Louis, MO 63144. Tel.: (314) 963-7750. email: [homeyer@earthlink.net](mailto:homeyer@earthlink.net); <http://www.naba.org/chapters/nabasl/stlouis.htm>; <http://www.naba.org>.

### **Pioneer Forest**

Pioneer Forest is a large, privately-owned forest located in the heart of the Missouri Ozarks. For more than half a century, single-tree selection harvests have been used to manage the forest in order to restore high quality oak-hickory forests, establish truly sustainable harvests, and protect significant natural communities. Pioneer Forest offers free initial consultations and contracting for forest management on land located in the

Ozark region of Missouri. Pioneer Forest offers outstanding recreational opportunities for day-hikes, forest drives, overnight backpacking, and long-distance hiking.

Contact: Pioneer Forest, P.O. Box 497, Salem, MO 65560. Tel.: (573) 729-4641; Fax: (573) 729.6706; email: gregiffrig@pioneerforest.com.

### **St. Louis Audubon Society**

The St. Louis Audubon Society is the local chapter of the National Audubon Society whose mission is to conserve and restore natural ecosystems, focusing on birds, other wildlife and their habitats, for the benefit of humanity and the world's biological diversity. Local activities include birding field trips, youth environmental presentations, conservation partnerships, and general membership meetings.

Contact: The St. Louis Audubon Society, P.O. Box 220227, St. Louis, MO 63122. Tel.: (314) 822-6595; <http://www.stlouisaudubon.org>.

### **Saint Louis Children's Aquarium**

St. Louis Children's Aquarium is a not-for-profit organization founded in 1971, celebrating its 30<sup>th</sup> year of service to the St. Louis community in providing an increased understanding of aquatic life and the environment, enabling people to conserve our water-fed ecosystems and to provide leadership for the preservation and sustainable use of our aquatic resources. Visitors to St. Louis Children's Aquarium learn first-hand through interactive exhibits displaying aquatic life in re-creations of habitats representing the Mississippi River, Amazon River and connecting oceans. St. Louis Children's Aquarium serves as a responsible community resource that attracts and involves the broadest possible audience. With the ideal of a high-quality visitor experience, a visit to the St. Louis Children's Aquarium will evoke wonder, curiosity, understanding, caring and action..

Contact: St. Louis Children's Aquarium, 416 Hanley Industrial Court, Brentwood, MO 63144. Tel.: (314) 647-9594; Fax: (314) 647-7874; email: [lsaquaman@aol.com](mailto:lsaquaman@aol.com); <http://www.stlchildrensaquarium.com>.

### **Saint Louis Rainforest Advocates**

The Saint Louis Rainforest Advocates is a non-profit organization dedicated to protecting tropical forests worldwide. To accomplish this we facilitate grassroots conservation efforts in tropical source countries; educate the public locally about pertinent rain forest issues; and take responsible direct action towards the conservation of rain forests.

Contact: Saint Louis Rainforest Advocates, P.O. Box 9257, St. Louis, MO 63117; Tel.: 771-2885; Emily Coffey, email: [finncoffey@aol.com](mailto:finncoffey@aol.com).

### **Saint Louis Zoo**

The first exotic animals came to Forest Park in 1891 and from these small beginnings the Zoo has grown into one of the world's finest zoological parks, displaying more than 700 species in 90 acres. A progressive institution from the start, the Saint Louis Zoo was one of the first to build open, moated enclosures rather than barred cages. In 1989 the Zoo unveiled *The Living World*, a state-of-the-art education and exhibit center. Each year for the last four years the Zoo has funded approximately 8-10 research projects per year throughout the world that connects Zoo staff to field researchers to further wildlife conservation efforts. One of only a handful of free zoos in the world, the Saint Louis Zoo is fortunate to have the support of residents of the St. Louis area, who have voted repeatedly to tax themselves to support the Zoo. It is this on-going commitment on the part of the public, as well as the financial backing of the Zoo Friends Association and private donors, that

enables the Zoo to maintain its tradition of excellence and to continue to expand and improve its facilities and services throughout the years.

Contact details: Saint Louis Zoo, 1 Government Drive, St. Louis, MO 63110. Tel.: (314) 781-0900.  
<http://www.stlzoo.org>.

### **The Sierra Club – Eastern Missouri Group of the Ozark Chapter**

The Sierra Club has been devoted to preserving nature's miracles for over 100 years. We have more than 550,000 members across the country who want to make the world safe for all creatures great and small. The Sierra Club has more than 60 Chapters in the United States and Canada including the Ozark Chapter of Missouri that has more than 10,000 members. Chapters are involved in conservation work in their vicinity, and sponsor local outings and other activities. Some Chapters have smaller Groups that provide activities and involvement on an even more localized level.

Contact: The Sierra Club (Eastern Missouri Group), 7164 Manchester Avenue, St. Louis, MO 63143. Tel.: (314) 644-0890; email: [sierra@brick.net](mailto:sierra@brick.net); <http://www.sierraclub.org/chapters/mo/emg>.

### **The Sophia M. Sachs Butterfly House and Education Center**

The Sophia M. Sachs Butterfly House and Education Center opened its doors to the public in September 1998. Built entirely from corporate gifts and private donations, this amazing facility has nearly 1 million visitors since opening. The goal is to provide not only an aesthetically pleasing experience, but also to encourage guests to understand the vital plant/animal relationships they encounter in our conservatory. With more than 1200 tropical butterflies flying every day, representing more than 60 species, and 150 species of tropical plants, we explain how butterflies rely on specific plants for their survival. In addition to the 8000 square foot conservatory, The Butterfly House includes a theater that continually shows *The Butterfly Effect*. This film describes the life cycle of the butterfly, and how it affects humans. This educational facility provides a special experience for children and adults, from our comparative live invertebrate collection housed in the central exhibit hall to formal classes taught on site. Finally, the Butterfly House has just opened the Native Habitat and Teaching Pavilion which adds a new site for outdoor activities and classrooms. The goal is to have the visitors to the Butterfly House leave with a better understanding of how the simplest of actions can have major effects on wildlife.

Contact: The Sophia M. Sachs Butterfly House and Education Center, Faust Park, 15193 Olive Blvd., Chesterfield, MO 63017. Tel.: (636) 530-0076, Ext. 11; Fax: (636) 530-1516; email: [bflydir@stlnet.com](mailto:bflydir@stlnet.com).  
<http://www.butterflyhouse.org>.

### **Trailnet**

Trailnet is a not-for-profit organization dedicated to creating multi-use recreational trails, conserving greenways, and encouraging walking and bicycling for recreation and transportation in the St. Louis bi-state region of Missouri and Illinois. Gateway Trailnet, Inc. was founded in 1988 by then St. Louis Mayor Vincent Schoemehl and a group of volunteers to serve as an advocacy group for the St. Louis Riverfront Trail. Since then, Trailnet (as it is now called) has expanded its mission to include the development of multi-use trails and greenways in the St. Louis metropolitan area. As a land trust organization, part of a growing network of citizen-based organizations throughout the nation that conserve open space for public benefit, Trailnet's activities are focused on greenways, linear parks and natural areas, often along streams, rivers and abandoned rail corridors

Contact: 3900 Reavis Barracks Road, St. Louis, MO 63125. Tel.: (314) 416-9930; Fax: (314) 416-9928; email: [trailnet@trailnet.org](mailto:trailnet@trailnet.org); <http://www.trailnet.org>.

### **Tyson Research Center, Washington University**

Washington University Tyson Research Center is a 2,000-acre field station which provides numerous unique opportunities for research, environmental studies and education. Tyson is situated near the Meramec River, just outside the metropolitan St. Louis, Missouri area, and is surrounded by an additional 6,000 acres of conserved parks and land. Many new animal and plant research projects are under way, a new weather station has been installed, and Tyson has joined the NADP network which monitors acid rain. Tyson also offers educational and scouting programs through the Field Science Program.

Contact: Tyson Research Center, P.O. Box 258, Eureka, MO 63025. Tel.: (314) 935-8430; Fax: (314) 935-8433; email: [dlarson@biology.wustl.edu](mailto:dlarson@biology.wustl.edu); <http://www.biology.wustl.edu/tyson>.

### **Webster Groves Nature Study Society**

The Webster Groves Nature Study Society, founded in 1920, has over 400 members throughout the St. Louis area. Activities include weekly botany and birding field trips, monthly entomology, ornithology and conservation meetings, monthly general meetings featuring a speaker on a nature-related topic, and a monthly newsletter. The objectives of the society are: to stimulate interest in nature study on the part of adults and children; to cooperate with other organizations in nature study; to encourage research in the natural sciences; to promote conservation of wildlife and natural beauty. Open to all with an interest in nature.

Contact: Webster Groves Nature Study Society, P.O. Box 190065, St. Louis, MO 63119. President: David Rabenau; Tel.: (314) 968-8128; email: [drabenau@primary.net](mailto:drabenau@primary.net). Membership: Dianne Benjamin; Tel.: (314) 997-2419; email: [MaryKBenjamin@webtv.net](mailto:MaryKBenjamin@webtv.net); <http://www.wgnss.org>.

### **Wild Canid Survival and Research Center**

Founded by Marlin Perkins in 1971, the Wild Canid Survival and Research Center is internationally recognized for its work with endangered canids from around the world. Family wolf packs roam in natural habitat within a 63 acre private reserve prior to their release to the wild. Known locally as the Wolf Sanctuary, the WCSRC is dedicated to the preservation of wild canids through captive breeding, education and research. The WCSRC currently houses four species of wild canids: red wolves, a species native to Missouri; Mexican gray wolves, the most endangered wolves in the world; South American maned wolves, a tropical canid; and swift foxes, a small canid native to the grasslands of North America. 30,000-40,000 people visit annually and participate in a variety of educational programs.

Contact: Wild Canid Survival and Research Center, P.O. Box 760, Eureka, MO 63025-0760. Tel.: (636) 938-5900; email: [edu@wolfsanctuary.org](mailto:edu@wolfsanctuary.org); <http://www.wolfsanctuary.org>.

### **World Bird Sanctuary**

The World Bird Sanctuary is one of the largest facilities for the conservation of bird species. Founded in 1976, the World Bird Sanctuary aims to preserve the earth's biological diversity and to secure the future of threatened bird species in their natural environment. The Sanctuary is actively involved in field studies including habitat restoration, reintroduction of endangered species, monitoring populations and enrichment of existing ecosystems to enhance bird reproduction.

Contact: World Bird Sanctuary, P.O. Box 270270, St. Louis, MO 63127. Tel.: (636) 938-6193; email: [worldbird1@aol.com](mailto:worldbird1@aol.com); <http://members.aol.com/worldbird1>.

# Conservation Forum 2001 Organizing Committee

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Mr. David Shores (ICTE Development Board Chair)  
Ms. Patti Redel (Missouri Department of Conservation)  
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Dr. Patrick Osborne (ICTE Executive Director)

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