

## **TED TURNER RECEIVES WORLD ECOLOGY AWARD**

**Ted Turner** received the World Ecology Award from the International Center for Tropical Ecology at a gala dinner held on Thursday June 8, 2000 at the Ridgway Center, **Missouri Botanical Garden**. Ted Turner was selected to receive this prestigious award because of his long-term commitment to environmental protection and his efforts to raise public awareness of the issues that surround biodiversity conservation.

Ted Turner is vice chairman of Time Warner, Inc., the world's leading media company. He was born in Cincinnati, Ohio and moved to Savannah, Georgia when he was nine years old. He graduated from Brown University and began his business career as an account executive for what developed into Turner Broadcasting System, Inc.



*Mr. Ted Turner*

Ted Turner, the recipient of numerous honorary degrees, is an active environmentalist. He crusades for cleaner transportation, sustainable population growth, wilderness conservation and greener business. He has worked to conserve endangered species, including Mexican wolves, California condors, black-tailed prairie dogs and desert bighorn sheep. He manages the largest private herd of bison on his ranch in Montana and recently reintroduced wolves to this property. He has received numerous civic and industry awards and honors and was *Time* magazine's Man of the Year in 1991.

Ted Turner is a member of the board of directors of the Martin Luther King, Jr. Center for Nonviolent Change, the Greater Yellowstone Coalition, the International Founders Council of the Smithsonian Museum of the American Indian and the Business Council of the United Nations. He is president of the Turner Foundation, the Turner family's private grant-making organization, which focuses on population and the environment. He also chairs the United Nations Foundation, a charitable organization he founded to support population and women's projects and programs which directly help the environment and children.

This Newsletter describes recent activities of the **International Center for Tropical Ecology**. Established in cooperation with the **Missouri Botanical Garden**, the Center promotes research and education in biodiversity conservation, and the sustainable use of tropical ecosystems. The Center provides an interactive, international environment for graduate education in tropical ecology, evolution, systematics, and conservation. Furthermore, the Center supports undergraduate education in conservation biology, focusing on Missouri and temperate ecosystems. The Center also promotes awareness within the St. Louis community of the importance of conservation and environmentally sustainable policies and practices.



## ICTE ACKNOWLEDGES GALA DINNER SPONSORS

The Gala Dinner Gold sponsors were **Bank of America** and **Mr. and Mrs. Jack C. Taylor**. The **Caleb C. & Julia Dula Educational Foundation**, **Fox Family Foundation**, **E. Desmond Lee Foundation**, **Hermann Foundation**, **The Sackler Family Foundation**, **Sanford McDonnell Foundation** and **The Spencer T. & Ann W. Olin Foundation** were silver sponsors. The honorary co-chairs of the organizing committee who arranged this wonderful gala evening were: **Mr. and Mrs. Robert R. Hermann**, **Mr. and Mrs. Warren M. Shapleigh** and **Mr. and Mrs. O. Sage Wightman**.



*Dr. Peter H. Raven, Director, Missouri Botanical Garden, Mr. Robert R. Hermann, Chairman, ICTE Advisory Board, Dr. Blanche M. Touhill, Chancellor, University of Missouri-St. Louis, Mr. Ted Turner, World Ecology Award recipient, Ms. Fredericka Darragon, Dr. Patrick Osborne, Executive Director, ICTE and Dr. Bette Loiselle, Director, ICTE at the Kemper Center, Missouri Botanical Garden prior to the Gala Dinner Award Ceremony held in the Ridgway Center, Missouri Botanical Garden.*

This event was made possible through the hard work of the gala organizing committee, ICTE Development Board members and ICTE friends: **Barbara Behrens, Sally Cohn, Julie and Michael Cowhey, Jim and Mary Gillespie, Frank and Nancy Susman, Whitney and Anna Harris, Ken Kranzberg, Olga Martha Montiel, Nancy Birge-Osborne, Susie Schulte, David Shores and Teg Stokes**. The Center acknowledges the in-kind support of **Party Arts, Specialty Party Rentals** (table decorations), **Millard Cohen** (dinner wine) and **Rentokil Inc~Tropical Plant Services** (tropical plants).

Previous recipients of the World Ecology Award are: **John Denver** (Colorado), **Jacques Cousteau** (France), **Dr. Paul Ehrlich** (California), **Prince Sadruddin Aga Khan** (Switzerland), **President José Figueres** (Costa Rica), **Dr. Richard Leakey** (Kenya) and **Dr. Jane Goodall** (United Kingdom).



## DR. LUIS F. BAPTISTA

### 1941-2000

**Dr. Luis F. Baptista**, a friend of our graduate program and the International Center for Tropical Ecology, died unexpectedly at the age of 58 on Monday, June 12, 2000. He lectured on several occasions in St. Louis including as plenary speaker at the North American Ornithological Conference in 1998 and as ICTE student invited speaker last year. Luis had a profound knowledge of natural history. During his last visit, he joined **Peter Stevens** and his students at the **Missouri Botanical Garden**. Luis impressed all of us with his knowledge of plant systematics and morphology.



Luis was born in Hong Kong, into a family that had lived in Macau since the seventeenth century. His family moved to the United States after World War II

and he pursued a career in biology and graduated from the University of San Francisco in 1965. He received his Ph.D. from the University of California at Berkeley in 1971. In 1972, he won a two-year NATO postdoctoral fellowship to the Max Planck Institute for Behavioral Physiology near Munich, Germany. During this fellowship he studied Old World mannikins and New World grassquits. After this fellowship, Dr. Baptista became the Curator, and later Associate Professor, at the Moore Laboratory of Zoology, Occidental College in Los Angeles, which housed the world's largest collection of Mexican birds. He worked there until he was invited to join the California Academy of Sciences in 1980. Once at the Academy, the late Robert T. Orr, then the Academy's curator of birds and mammals, became his friend and mentor. After Dr. Orr's death, Luis became curator in 1987, a post he held until his untimely death. Luis' Department of Ornithology and Mammalogy archives about 95,000 bird and 23,000 mammal specimens. The unsurpassed highlight of this collection is the nearly 6000 specimens of Darwin's finches, which for

ninety years have been the primary source material for research by ecologists, island biogeographers, and evolutionary biologists. His collection of marine mammals constitutes one of the largest and most important in the Western Hemisphere.

For more than 20 years, Dr. Baptista worked with a team of colleagues to study the songs and calls of white-crowned sparrows. They documented individual songs in various subspecies and recorded dialects among birds from different areas. More recently, Luis became deeply interested in the preservation and restoration of bird species that were near extinction on the Revillagigedo Islands, a Mexican archipelago south of Baja California. He worked for the past 10 years with Mexican biologists to save Grayson's dove, an endemic species that had disappeared from Socorro Island following the introduction of feral cats. He always amazed those who saw him on the island. Luis would hike the Evermann Volcano with no signs of fatigue. He would go uphill for more than 12 kilometers carrying his camping gear and with his recording equipment ready to capture the songs, calls and trills of Socorro's avifauna. He was fully devoted to a project to breed captive Socorro doves for release onto the island once their predators were removed and the island restored to its natural state. He wrote many scientific papers and books, including *The Life of Birds* co-authored with the late Carl Welty, as well as a treatise on the doves of the world included in the prestigious *Birds of the World* published by Lynx and Bird Life International.

On many occasions, I thought that he was Saint Francis: he was able to call birds and draw them to his hands. I saw him several times bring in Socorro mockingbirds. The last time I witnessed his gift of communicating with birds was at his house in Petaluma, California. He arrived home, whistled briefly as he left his car, and, from the bushes, a flock of wild quails would come to him. Luis was an inspirational figure and a role model to many of us; he was a great biologist and a wonderful man whom we shall all miss greatly. Surviving Dr. Baptista are his mother, Thelma; his daughter, Laura; two brothers, Gaspar and Antonio; and his wife, Helen Horblit.

*Juan Martínez-Gómez*



## JANE AND WHITNEY HARRIS LECTURE

The Jane and Whitney Harris lecture was held in the E. Desmond Lee Auditorium at the at **Missouri Historical Society** on April 18, 2000. **Dr. Christine Padoch** presented an informative lecture entitled: *People, Forests, Conservation and Development: Small Landholder Timber Management in Amazonia*. Dr. Padoch, Curator in the Institute of Economic Botany at the New York Botanical Garden, has worked in the forests and villages of Borneo and Amazonia studying how people farm and manage natural products in tropical rain forests and along the floodplains of tropical rivers. Dr. Padoch obtained her Ph.D. at Columbia University and was Professor of Environmental Studies and Anthropology at the University of Wisconsin-Madison. She is a Principal Scientific Advisor in the worldwide research project coordinated by the United Nations University on population, land management and environmental change and has published numerous papers and books including: *People of the Tropical Rain Forest* (1988), University of California Press; *Conservation of Neotropical Forests: Working from Traditional Resource Use* (1992), Columbia University Press and *Borneo in Transition: People, Forests, Conservation, and Development* (1996), Oxford University Press.



*Mr. Whitney Harris, Dr. Christine Padoch, Chancellor Blanche M. Touhill, Dr. Bette Loiselle and Dr. Patrick Osborne at the Missouri Historical Society after the 2000 Jane and Whitney Harris Lecture.*

## CONSERVATION FORUM 2000

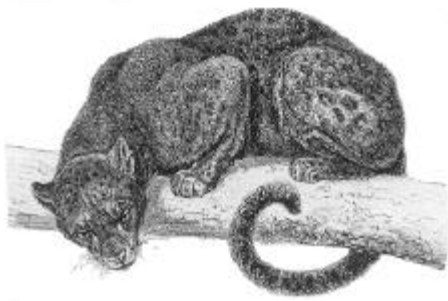
The International Center for Tropical Ecology co-sponsors the annual Conservation Forum with **The Nature Conservancy (Missouri Chapter)**, **Saint Louis Zoo** and the **Missouri Botanical Garden**. The forum facilitates interchange between local, national and international conservation organizations through a series of lectures and displays. This year, the forum will be held on Wednesday, October 11, 2000 at the Ridgway Center, Missouri Botanical Garden with **Dr. Peter H. Raven** presenting the keynote address entitled: *Saving the Plants of the World: How Can it be Done?* **Dr. Sharon Matola**, Director, The Belize Zoo will also be a keynote speaker and her talk is entitled: *Journey to Belize: A tropical world of natural treasures under threat*.

The afternoon breakout sessions will include the following talks: **Drs. Bette Loiselle** and **Patrick Osborne** (Moderators), Director and Executive Director, International Center for Tropical Ecology: *Protecting tropical ecosystems: The challenge*; **Dr. Cheri Asa**, Director of Research, Saint Louis Zoo: *MesoAmerican conservation action plans*; **Lisa Heimos**, Volunteer Coordinator Wild Canid Survival and Research Center: *Conservation efforts on the reintroduction of wild canids*; **John George**, Urban Wildlife Biologist, Missouri Department of Conservation: *Oh deer!! Wildlife conflicts in urban areas* and **Dr. Jane Fitzgerald**, Midwest Regional Coordinator, Partners in Flight: *Land bird conservation: The Partners in Flight approach*.



## WORLD ECOLOGY DAY 2000

"*Meat-eaters: Predators and their Prey*" will be the theme for World Ecology Day 2000. This annual event, scheduled for Friday, October 27, attracts an audience of nearly 400 including interested public, university and high school students to the UM-St. Louis campus for a series of lectures and displays. The keynote address this year will be given by **Dr. Alan Rabinowitz**, Director of Science and Exploration, Wildlife Conservation Society who will talk on *Saving the world's great cats: Jaguars in the new millennium*. **Dr. Kay Holekamp**, Department of Zoology, Michigan State University will describe her research on spotted hyenas: *Growing up at the top of the food chain: Problems of food acquisition faced by young spotted hyenas*. Following the morning talks, an afternoon mini-symposium will be held at the Saint Louis Zoo.



## RESEARCH REPORTS

### *Biodiversity and sea level changes*

Variations in sea level combined with differences in geography may explain global patterns in plant diversity. **Robert Ricklefs**, Curators' Professor in Biology at the University of Missouri-St. Louis and **Hong Qian** from the University of British Columbia assessed why eastern Asia has many more plant species than eastern North America—areas with similar climate. In a paper published in *Nature*, these researchers concluded that sea level change during the last ice age and greater geographical differences in Asia led to development of a richer diversity of plants. This pattern is also seen when the geographically more diverse west coast of North America is compared with the more uniform eastern seaboard. The west coast has a richer flora than that found in the east.

### *Phylogenetic and biogeographic analysis of Comocladia*

**Hilary Davis** visited Puerto Rico and the Dominican Republic to study the flora and make collections of *Comocladia* during the past summer. She was able to find seven species and make many collections of all of them. She will extract DNA and sequencing genes from both the nuclear and chloroplast genomes in the E. Desmond Lee Laboratory at UM-St. Louis. She recently discovered that three species of *Comocladia* are rare or endangered, with one possibly being extinct. Her research will help to evaluate the status of the genus and its relationship within the family Anacardiaceae as well as address conservation issues and questions regarding the biogeography of the flora of the Caribbean region.

### *Phylogeography of Pagamea (Rubiaceae)*

**Alberto Vicentini** has collected seven species of *Pagamea* from twenty-nine populations along the Atlantic coast on northeastern Brazil as well as Amazonas, Roraima and Rondônia. He will use the specimens to undertake a phylogenetic study using both morphological and molecular techniques.

## NEWS OF STUDENTS, FACULTY AND ALUMNI

The fifth edition of "*The Economy of Nature*" by **Robert Ricklefs**, Curators' Professor in Biology at the University of Missouri-St. Louis has recently been published by W.H. Freeman. This edition emphasizes the connections between the basic principles of ecology and real-world problems in biological conservation. Internet web sites provide exercises and questions for discussion, interactive explanations of mathematical treatments and online testing. The artwork in this latest edition has been redesigned and four-color production is used throughout.

**Patrick Osborne**, ICTE Executive Director, has published a student text with Cambridge University Press entitled "*Tropical Ecosystems and Ecological Concepts*." This introductory text provides a comprehensive guide to the major tropical biomes with a balanced coverage of both aquatic and terrestrial ecosystems.

**Lorena Calvo** continues to lead the NGO Centro para Conservacion de Biodiversidad de Guatemala. She is studying bird populations in coffee plantations along an altitude gradient. She



presented her results at the Neotropical bird meeting in Monterrey and has begun a project looking at relationships between epiphytes on shade tree trunks, insects and birds. Lorena says that funding last year was very difficult, because of the economic situation in Guatemala and because it was an election year. She continues to work with a mobile environmental library for children and leads a series of training courses and last year introduced veterinarians to techniques for studying wildlife. This year she is offering a course (together with the American Museum) for people who work at educational or visitor centers at national parks and reserves on how to develop public educational programs. Lorena has funding to work with **Dr. Stuart Pimm** on satellite images of shade and sun coffee plantations. Dr. Pimm's team has been to Guatemala and Lorena will work in his lab later this year.

**Ivón M. Ramírez Morillo** continues to work at the Herbario, Centro de Investigación Científica de Yucatán and recently presented an invited paper at the World Bromeliad Conference in San Francisco.

**Sandra Arango** presented a paper entitled: *The impact of edges, seed predation, and seedling herbivory on forest regeneration in montane forest fragments (Quindío, Colombia)* at the third International Symposium on Frugivores and Seed Dispersal in São Pedro, Brazil.

**Hyosig Won** attended the Evolution 2000 joint meeting of the Society of Systematic Biologists and the Association of Tropical Biologists in Bloomington, Indiana. He presented a paper entitled: *Mating system evolution in Siparunaceae (Laurales): A phylogenetic approach.*

**Grace Servat** attended the first International Conference on the Ecology and Conservation of *Polylepis* forests held in Cochabamba, Bolivia. Her paper answered the question: *Patterns of abundance and composition of arthropods associated to the Polylepis community in the Andes of Peru: A problem of scale?*

**Rodney Dyer** presented a paper at the symposium on Modeling and Experimental Research on Genetic Processes in Tropical and Temperate Forests held in French Guiana. His paper was entitled: *Discriminate pollen topology: A spatially explicit analysis of pollen pools at landscape levels.*

## ICTE SCHOLARSHIP RECIPIENTS

We are delighted to announce the following ICTE research scholarship and internship travel awards. **Lúcia Lohmann** was awarded an *ICTE Development Board Scholarship* and the *Parker-Gentry Tropical Research Fellowship* for her research on the morphological diversification and biogeography of Bignoniaceae (Bignoniaceae). Lúcia will study these Neotropical lianas using traditional morphological data as well as molecular information to evaluate character evolution and biogeographic relationships within this diverse group. **Hilary Davis** was awarded the *Jane Harris Scholarship in Tropical Botany* for her proposed phylogenetic and biogeographic analysis of *Comocladia* (Anacardiaceae: Rhoeae) based on morphology and molecular sequence data. Hilary will collect specimens of *Comocladia*, the maiden plum genus in Puerto Rico, the Virgin Islands, Jamaica and Mexico. **Alberto Vicentini** received the *Stephen M. Doyle Memorial Scholarship in Tropical Ecology* to support his study of the phylogeography of *Pagamea* (Rubiaceae) and its radiation in nutrient-poor soils in tropical South America. **Karina Boege** received an *ICTE Development Board Scholarship* to survey resistance traits as direct and indirect defenses against insect attack in five plant species growing in the tropical dry forest of Chamela, Mexico. **Christine Collins** was awarded the *Marlin Perkins Memorial Fellowship* to investigate the population structure of the social frog (*Colestethus beebei*). These frogs inhabit small pools in the leaves of bromeliads and have developed a complex social system. **Miriam G. Ramos-Escobedo** received the *Stokes Family Scholarship for Tropical Conservation* for her internship with Project Streams at La Selva Biological Station (Costa Rica) in collaboration with the University of Georgia working on stream ecology. She learnt skills in communicating scientific information to the community in a way that will promote awareness and help to protect these rivers. Her work included collaboration with the Environmental Education and Environmental Policy group of the **Organization for Tropical Studies** and with the Environmental Education group at the **Universidad Nacional Heredia de Costa Rica**. She participated in producing proposals for the declaration of the



Sarapiquí River as Patrimonio Histórico Natural. **Sylvia Fallon** received the *Jane and Stanley Birge Tropical Research Scholarship* and will carry out a phylogeographic and community analysis of blood parasites (*Haemoproteus* spp. and *Plasmodium* spp.) among their avian hosts on islands in the Lesser Antilles. Pathogenic organisms can exert strong effects on the ecology and evolution of their hosts. Sylvia will evaluate blood parasite diversity and distribution in birds on two islands in four different habitats. **Linda Hirst** was awarded the *Mallinckrodt Graduate Fellowship in Tropical Ecology* and will spend nine months investigating the economic value of herbaceous plants on the Masoala Peninsula, Madagascar. She will use well-developed interview techniques to discover how people living in the area use herbaceous plants and, through a vegetation study, assess the resource base of these economically-important plants. **Lucio Malizia** received the *John Denver Memorial Scholarship in Tropical Ecology* to investigate the consequences of premontane forest loss on bird communities in northwestern Argentina. The destruction of premontane forests in Argentina has reached a critical stage, and the degree to which forest fragmentation restricts movement of birds has important conservation implications. These forests provide key habitats for altitudinal migrants, support the highest bird diversities in Argentina and are the most threatened Andean habitats. Lucio will describe the avifauna of premontane and montane forests; investigate differences in trophic guilds and migratory assemblages; and estimate the effect of premontane forest loss on montane forest birds. **Jorge Uribe** was awarded an *ICTE Development Board Scholarship* and will study patterns of diversity and species turnover along an environmental gradient in the Yucatan Peninsula. Jorge will investigate changes in bird diversity along habitat gradients; changes in communities over habitat and distance; and changes in blood parasites over habitat and distance. The Yucatan Peninsula has well-defined habitat gradients extending from tropical evergreen forest in the southern region to tropical semi-deciduous forest in the center and tropical dry forest at its tip. **David Ziolkowski** also received an *ICTE Development Board Scholarship* for his study of morphological, behavioral, and molecular divergence of bird populations on the Lesser Antilles islands of Dominica and St. Lucia. The avifauna of the West

Indies represents an ideal system to address diversification questions because populations are isolated on widely separated islands. David will measure inter-island behavioral, morphological, and molecular divergence of twelve species. He will record songs of each species and analyze these as a measure of behavior. Song enables species recognition and pair formation and may provide a primary indicator of reproductive isolation in birds. Preserved specimens will be used to measure morphological traits of each population. *ICTE Research Travel Awards* were presented to **Zacharia Magombo** for his systematic and phylogenetic study of the moss family Diphysciaceae; **Michelle Crenshaw** for an internship working with the University of Leicester project on the limnology of Lake Naivasha in Kenya and **Okong'o Akura** for an internship working with The National Museums of Kenya to develop school curriculum materials in environmental science.

## NATIONAL SCIENCE PRIZE AWARDED

**Maria Elena Alvarez-Buylla Roces** was awarded the National Science Prize by **Mexican President Ernesto Zedillo Ponce de Leon**. Maria Elena has lectured at UM-St. Louis and her papers are used in some of our courses. Her family left Spain during the Spanish Civil War after one of her relatives was shot by one of Francisco Franco's squads. Once in Mexico, her family played an important role in developing Mexico's National University. She acknowledged the guidance she received from **Dr. José Sarukhan Kermez** and **Dr. Miguel Martínez Ramos**. Currently, she is studying the population dynamics of *Lachandonia schismatica*, an endangered species endemic to the Mexican State of Chiapas.

## ROSS GELBSPAN VISITS UM- ST. LOUIS

**Ross Gelbspan** visited the University of Missouri-St. Louis on May 11, 2000 and delivered a lecture co-sponsored by the Communication Department and the ICTE entitled: *The heat is on*. Ross Gelbspan is an important environmentalist and retired journalist who spent his career as a reporter and editor for *The Philadelphia Bulletin*, *The Washington Post* and *The Boston Globe*. He won a



Pulitzer Prize in 1984 as special projects editor at the *Boston Globe*. In his talk, he provided evidence indicating significant change in the earth's climate and described the economic and political ramifications of this shift in climate. He detailed a very extensive campaign by the fossil fuel lobby to mislead the public and policy makers in the United States, and outlined approaches that could reduce the magnitude of climate change and how these strategies could create jobs and economic growth around the world, especially in developing countries.

## ICTE CELEBRATES FIRST DECADE

The International Center for Tropical Ecology was formally established in July 1991 through a memorandum of understanding signed between the **Missouri Botanical Garden** and the **University of Missouri-St. Louis**. The formation of the Center followed the establishment of the Ph.D. program in the Department of Biology at UM-St. Louis, which is focused on tropical ecology, plant systematics, and conservation biology. Since the formation of the Center:

- forty-one students have completed the Graduate Certificate in Tropical Biology and Conservation;
- forty-eight students have completed masters degrees in the Ecology, Evolution and Systematics program of the Department of Biology;
- seventeen students have completed the five-year doctoral program;
- eighty-seven students are currently enrolled in studies leading to a masters degree and fifty-two are enrolled in the Ph.D. Ecology, Evolution and Systematics program of the Department of Biology;
- students with the Center come from 24 countries;
- the World Ecology Award has been presented to **John Denver** (Colorado), **Jacques Cousteau** (France), **Dr. Paul Ehrlich** (California), **Prince Sadruddin Aga Khan** (Switzerland), **President José Figueres** (Costa Rica), **Dr. Richard Leakey** (Kenya), **Dr. Jane Goodall** (United Kingdom) and **Ted Turner** (Georgia).

- ten symposia have been held to celebrate World Ecology Day;
- ten **Jane** and **Whitney Harris** lectures have been delivered;
- eighteen scientists visited the ICTE through the **Freund Foundation** seminar program;
- five endowed and three named research scholarships have been established;
- ICTE alumni provide leadership through senior positions with conservation organizations, herbaria, universities and government departments which include Director, Yucatan Herbarium; Director, National Museum of Natural History, Guatemala; Coordinator, Wildlife Preservation Trust International, Guatemala; Director, Herbario Cuz Cesar Vargas Calderon, Peru; Programme Manager, BirdLife International, Brazil; Curator, National Herbarium, Madagascar; Rapid Assessment Program Coordinator, Conservation International, Peru; Dean, Science Faculty, Universidad Nacional Autónoma de Nicaragua-León, Nicaragua; and Professors in Biology at universities in Costa Rica, Mexico, Nicaragua, Peru, Taiwan, and Venezuela.

A series of events to celebrate the ICTE's tenth anniversary are described below.

### *Brazilian evening*

The Development Board of the International Center for Tropical Ecology hosted an evening of Brazilian food, wine and music at *Yemanjá Brasil* (2900 Missouri) on Thursday, September 7, 2000. This event was organized by **David Shores** and **Frank Susman**.

### *Climatron extravaganza*

The ten-year committee has decided to hold a spectacular event featuring the tropical climate and vegetation of the Climatron® in the middle of a Missouri winter. The event will take place on Wednesday, January 31, 2001 and will consist of:

- a reception in the Monsanto Hall with opportunity to view the Orchid Show in the Orthwein Floral Display Hall and ICTE research posters.
- a guided tour through the Climatron® with tropical treats (palmitos, plantains) along the





way. This will be a family event and children will attend free.

### *Earth Links: Ecology in Transit*

In collaboration with the **Missouri Botanical Garden (Litzinger Road Ecology Center)**, **Bi-State Development Agency (Arts in Transit)**, **Missouri Department of Conservation (Confluence Greenway)**, the International Center for Tropical Ecology is working with a number of schools to produce an exhibit of transit car placards with a focus on the common trees of the bi-state region. Each card will include information about a selected tree with illustrations downloaded from the internet as well as original drawings by the school children. This project is the brainchild of ICTE Development Board member **Ilene Follman** who has also provided leadership as chair of the subcommittee developing this concept. Other members of the project development team are: **Celeste Prussia** (Director, Litzinger Road Ecology Center), **Sarah Smith** (Director, Arts in Transit), **Jennifer Strayer** (Program Manager, Arts in Transit), **Stephanie Grossgloss** (St. Louis Public Schools, Ames Visual and Performing Arts), **Martha Schermann** (Litzinger Road Ecology Center), ICTE Development Board members: **Dudley Grove**, **Irv Logan**, **Matt Moynihan** and **Frank**

**Susman** and ICTE Graduate Student, **Karina Boege**.

### *Calendar*

ICTE graduate students produced a calendar to celebrate the tenth anniversary. The calendar runs from July 2000-June 2001 and features photographs of ICTE research sites, and tropical organisms. The calendar also describes the work of the ICTE and reviews aspects of its history. The calendar records notable ICTE events and list the national days of all countries in which ICTE associates work. **Chris Collins** designed and developed the calendar with assistance from **Jorge Uribe**. If you would like to receive a copy, please contact **Bernadette Dalton**.

### *From the Editor*

*We thank all who contributed to this newsletter. Send future contributions to the editor, Patrick L. Osborne, International Center for Tropical Ecology, University of Missouri-St. Louis, 8001 Natural Bridge Road, St. Louis, MO 63121 (Email: [posborne@jinx.umsl.edu](mailto:posborne@jinx.umsl.edu); FAX: 314-516-6233). If you do not wish to continue receiving this newsletter, please contact the ICTE office: 314-516-6203, email [icte@umsl.edu](mailto:icte@umsl.edu). For further information on the ICTE you can visit our web site: <http://icte.umsl.edu/>*

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The International Center for Tropical Ecology gratefully acknowledges the following for their support from April 1999 to June 2000:

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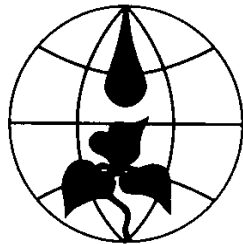
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**FOR INFORMATION:**  
Bernadette Dalton  
International Center for Tropical  
Ecology  
University of Missouri-St. Louis  
8001 Natural Bridge Road  
St. Louis, MO 63121-4499  
**Phone:** (314) 516-6203  
**FAX:** (314) 516-6233  
**E-mail:** ictc@umsl.edu  
**On the Internet:**  
<http://ictc.umsl.edu>  
<http://www.mobot.org>



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