

# Tropinet

ATB THE ASSOCIATION FOR  
TROPICAL BIOLOGY INC.



NATIONAL MUSEUM of  
NATURAL HISTORY  
Smithsonian Institution



Organization for Tropical Studies  
Organización para Estudios Tropicales

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## ASSOCIATION FOR TROPICAL BIOLOGY ANNUAL MEETING IN PANAMA

JULY 28 - AUGUST 2, 2002

"Tropical Forests — Past, Present, and Future"

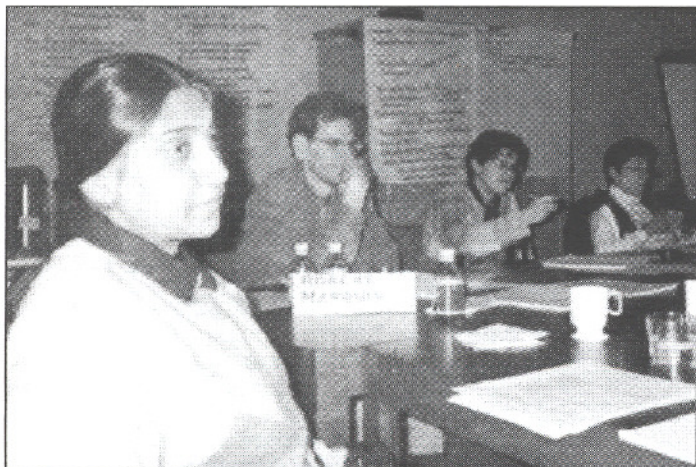
Co-hosted by The Smithsonian Tropical Research Institute,  
The Organization for Tropical Studies, and The Center for Tropical Forest Science  
Registration information and program summary available at <<[www.stri.org/atb2002](http://www.stri.org/atb2002)>>.

### ATB COUNCIL RETREATS IN ORDER TO ADVANCE

by Lyn Loveless, Editor, *Tropinet*

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(from left) Council member Renee Borges, *Biotropica* Editor Bob Marquis, Secretary Elizabeth Losos, and Council member Dinah Davidson discuss new initiatives for ATB at the Council retreat in February.

"Para atras so para tomar impulso" was the motto for the ATB Planning Retreat, held in Washington in mid-February 2002. The three-day meeting provided ATB leadership with an opportunity to examine the goals and bylaws of the Society, to consider issues raised in the Bangalore meeting and in the Research Priorities Workshop in India last summer and, to share ideas about future directions for the Association which would make it a more effective and influential entity in fostering tropical research and conservation. The meeting was moderated by Executive Director John Kress and ATB President Nalini Nadkarni and was attended by Past Presidents Kamal Bawa and Ted Fleming, President-elect Richard Primack, Council Members Rita Mesquita, Guadalupe Williams-Linera, Jess Zimmerman, Renee Borges, Dinah Davidson, Miguel Martinez Ramos, Secretary Elizabeth Losos, and editors Robert Marquis and Lyn Loveless.

One important goal and opportunity identified by the Council for the ATB is already reflected in its current program - the goal of becoming a more truly international professional society. An international scope is obviously crucial for ATB, since "the tropics," the focus of the Association, is almost entirely located outside of the United States, the home of most ATB members. Over the past several years, the ATB has begun holding annual meetings outside the

US, encouraging participation by tropical biologists from other countries. The current makeup of the Council also reflects this new international focus; of 11 current and outgoing council members, 6 are residents of Central or South America or India. An increasingly international makeup offers ATB the chance to speak with a truly global voice on issues of tropical concern. But it also generates challenges in communication and integration, when a far-flung membership represents a variety of political entities with diversified perspectives on controversial issues.

"Tropical biology has changed over the 40 years since the ATB was first incorporated," noted Kamal Bawa in setting the context for the meeting. "One critical change has been the increased need for researchers to consider the human aspect of biology in the tropics. This was very clear in the meetings in Bangalore. Human concerns interact and influence how we do our work, and also impact the places where we work. So ATB has much to contribute in this sphere." A second difference, Bawa continued, has been the growth of conservation biology as a discipline, as well as a central concern of many ATB members. Conservation biology, as an area of study, is not exclusively tropical. ATB might thus find an important role as a voice for conservation biology as it is applied specifically to the tropics.

In an attempt to re-vision the present and future role of ATB in furthering tropical biology, participants began by identifying those things for which they felt ATB was well-known, and which represented our current strengths. There was broad consensus that ATB's long-term strength has been in fostering and in communicating high-quality research in tropical biology, especially through the journal *Biotropica*. (Another of these strengths was resoundingly determined to be our "internationally known mixers" at annual meetings!) The group then engaged in a long and thoughtful discussion about issues which might be seen as weaknesses in the organization and in the ATB agenda, ending with a consideration of what sort of association ATB aspired to be, and what resources were available to foster such changes.

The retreat also included a valuable three-hour roundtable discussion between participants and various members of the scientific community in Washington with links to ATB. Participants included representatives from American Institute of Biological

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*Tropinet* is accessible on the ATB Website at address: <<[atb.botany.ufl.edu/atb/](http://atb.botany.ufl.edu/atb/)>> and is administered by Dr. Stephen Mulkey <[mulkey@botany.ufl.edu](mailto:mulkey@botany.ufl.edu)>.

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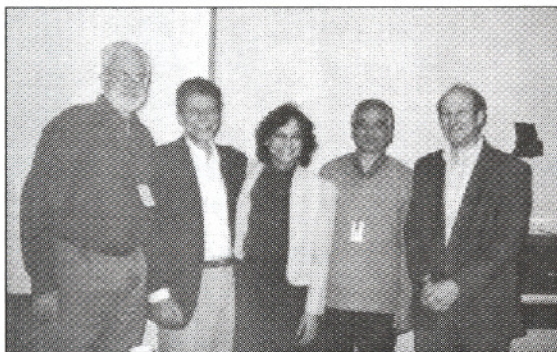
Sciences, from various NGOs with conservation and tropical interests, from the Smithsonian National Museum, and from the US National Science Foundation. The candid and wide-ranging discussion was an important factor in reaffirming the need for ATB to re-think its long-term goals, and in providing a variety of thoughtful and innovative suggestions for directions in which the organization might proceed. Dr. Bruce Stein, from NatureServe (Nature Conservancy) re-echoed Bawa's earlier comments on changes in tropical biology over the past forty years. In addition to the new emergence of conservation biology as an accepted discipline, and the increased need for applied research, Stein noted that the rise of NGOs as agents of research and of change in the tropics represented a new trend of interest to ATB. In addition, Stein emphasized the need for solid scientific research to undergird management efforts, and suggested an important role for ATB in helping to match researchers with organizations with a need for research information.

During the meeting, the council members and other participants discussed modifications to the current bylaws, suggestions that will be considered formally by the current Council in their annual summer meeting. In addition, they identified several areas for continued discussion, including formation of task forces to consider program initiatives in education and in advocacy. The need to more broadly include tropical conservation in our goals, the need to build bridges with other organizations working in the tropics, in both biological and human communities, and the need for an articulated policy for issuing ATB policy recommendations were also part of the wide-ranging discussion.

"Our overall goal is to make ATB a stronger international organization," said ATB President Nalini Nadkarni in summarizing the outcomes of the retreat. "We want to find ways to approach funding agencies and decision-makers with a stronger, more collective voice which will give ATB a central role in decision-making about tropical research priorities."

### PANAMA WORKSHOP WILL ADVANCE TROPICAL RESEARCH PRIORITIES

A one-day post-meeting workshop on research priorities in tropical biology is planned for 3 August 2002, the day after the ATB Annual Meeting in Panamá. This workshop will represent the second stage of efforts by ATB to articulate research priorities for tropical biology in the coming years. The process was initiated last June, at the ATB Annual Meeting in Bangalore, India, which was co-sponsored by ATB and by the Ashoka Trust for Ecology and the Environment. The overall goal of the three-year process is to produce a series of thoughtful reports, targeted at a variety of audiences, to support and advance research in tropical biology. These reports represent an opportunity for ATB to reflect on its own



A bevy of ATB Presidents gathered at the Planning Retreat, in Washington in February. From left to right: current Past President Ted Fleming (U. Miami), ATB Executive Director John Kress (Smithsonian), Current President Nalini Nadkarni (Evergreen State College), outgoing Past President Kamal Bawa (U. Massachusetts), and President-elect Richard Primack (Boston University).

role and goals in furthering tropical biology. In addition, such "white papers" should help ATB to build alliances with other, similar-minded associations and organizations, and will provide a set of documents which will hopefully advance the cause of tropical biological research with research and funding agencies and with decision-makers.

The Bangalore workshop, held last July, was attended by over 80 participants from 14 different countries. Based on results from the Bangalore workshop, summarized in a report by Nalini Nadkarni, Kamal Bawa and John Kress, "the breadth of topics covered at the Bangalore conference suggests that research priorities will cover basic biological subject areas as well as conservation and human interactions with the environment." During the Bangalore workshop, small discussion groups were formed to address three thematic areas: 1) basic biology, 2) humans and the landscape, and 3) education, communication, and policy. Each group tried to identify basic questions critical to their thematic areas, to consider the resources and initiatives necessary to address these questions, and to identify sources of material and intellectual support for these research efforts. In the course of the discussion, conservation and management of tropical species and landscapes also emerged as a crucial area for future research. The discussions in Bangalore will provide a springboard for continuing discussion in Panamá this summer.

All meeting participants and interested parties are invited to plan to attend and to contribute to the process of identifying and articulating goals for future tropical research.

### ATB ANNOUNCES NEW OFFICERS AND COUNCIL MEMBERS

Despite delay in counting the ballots occasioned by slowdowns in the US mail last fall, ATB now has a new President-Elect and four new members of the Council. Dr. Richard Primack, of Boston University, was elected to serve as ATB President in the year 2002-2003. New Council Members Dr. Diego R. Perez-Salicip (National Autonomous University of México), Dr. Carla Restrepo (University of Puerto Rico-Río Piedras), Dr. Jan Salick (Missouri Botanical Garden), and Dr. R. Uma Shaanker (University of Agricultural Sciences, Bangalore) will take office at the ATB Council meeting to be held in July 2002, at the Annual Meeting in Panamá.

Outgoing Past President Kamal Bawa,

(University of Massachusetts), and outgoing council members Dr. Rita Mesquita (Instituto Nacional de Pesquisas, Brazil), Dr. Guadalupe Williams-Linera (Instituto de Ecología, Xalapa, México), and Dr. Jess K. Zimmerman (University of Puerto Rico) have made significant contributions to the Association during their tenure, and will hopefully remain active in ATB business in the future, sharing with us their insights and experience.

## MEETINGS

### 2002

**U.S. CHAPTER OF THE INTERNATIONAL ASSOCIATION FOR LANDSCAPE ECOLOGY (US-IALE)**, Annual Meeting 23-27 April in Lincoln, Nebraska. Please visit the meeting website at <<[www.calmit.unl.edu/usiale2002](http://www.calmit.unl.edu/usiale2002)>> to learn more about the meeting.

**HEALTHY ECOSYSTEMS, HEALTHY PEOPLE: LINKAGES BETWEEN BIODIVERSITY, ECOSYSTEM HEALTH AND HUMAN HEALTH**, 6-11 June 2002, Washington, DC. This conference is presented by the International Society for Ecosystem Health in association with the Center for Applied Biodiversity Science at Conservation International and co-sponsored by the World Health Organization (WHO) and the United Nations Environment Programme (UNEP). For more information on the conference and to find out how to submit an abstract, visit the conference website: <<[www.ecosystemhealth.com/help](http://www.ecosystemhealth.com/help)>>.

**THE ASSOCIATION OF FIELD ORNITHOLOGISTS** meeting scheduled for 15-17 September 2001 was postponed due to the unfortunate circumstances of September 11th. The Association of Field Ornithologists annual meeting will be held jointly with the Wilson Ornithological Society 11-14 April at Florida Gulf Coast University in Ft. Myers, Florida. Field trips scheduled Friday, Saturday & Sunday mornings to some of the premier birding areas in North America including: Corkscrew Swamp Audubon Sanctuary and Ding Darling National Wildlife Refuge. For more information and updates about registration and calls for abstracts visit the AFO web site at <<[www.afonet.org](http://www.afonet.org)>>.

**THE 82ND ANNUAL MEETING OF THE AMERICAN SOCIETY OF MAMMALOGISTS**, 15-19 June 2002, McNeese State University, Lake Charles, Louisiana. The conference will include contributed oral and poster presentations covering all aspects of mammalian biology, as well as two symposia. For additional information regarding conference arrangements, contact Dr. Haigh or Dr. Greg Hartman at (337) 475-5672. Additional information and electronic registration is available at <<[www.ncneese.edu/asm2002](http://www.ncneese.edu/asm2002)>>. For more information about the ASM, see our website at <<[www.mammalsociety.org](http://www.mammalsociety.org)>>.

**3rd INTERNATIONAL CANOPY CONFERENCE**, 23-28 June 2002, Cairns, North Queensland, at the Cairns International Hotel. For more information, see the website at <<[www.premiers.qld.gov.au/about/science/canopy\\_conference](http://www.premiers.qld.gov.au/about/science/canopy_conference)>>.

**AMERICAN SOCIETY OF NATURALISTS (ASN) MEETING**, 11-14 July 2002, Banff, Alberta, Canada. The meeting will feature a maximum of 2-3 concurrent oral sessions and evening receptions associated with poster sessions, as well as several featured symposia. For more information, see the website at <<[www.amnat.org/banff/meeting.html](http://www.amnat.org/banff/meeting.html)>>. Registration deadline is 1 May 2002. To obtain registration forms for housing, meeting registration and submission of an oral or poster presentation, contact Tim Wootton,



ASN Secretary, at <twootton@uchicago.edu>.

**ANIMAL BEHAVIOR SOCIETY 39th ANNUAL MEETING**, 13-17 July 2002, Indiana University, Bloomington, Indiana. For more information, go to the web site at: <<www.animalbehavior.org/ABS/Program>>, or contact the local hosts, Emilia Martins at <emartins@bio.indiana.edu> and Meredith West at <mewest@indiana.edu>.

**THE SOCIETY FOR CONSERVATION BIOLOGY 2002 ANNUAL MEETING**, 13-19 July 2002. Durrell Institute of Conservation and Ecology at the University of Kent at Canterbury in UK. This meeting will be co-hosted by the British Ecological Society. For details, see <<www.ukc.ac.uk/anthropology/dice/scb2002>>.

**ANNUAL MEETING OF THE ASSOCIATION FOR TROPICAL BIOLOGY**, 28 July - 2 August 2002. Panama City, Panamá. The theme for this meeting is "Tropical Forests, Past and Future." The conference will synthesize recent advances in tropical biology with an emphasis on ecology and evolution and the perspective to be gained through an understanding of past and future changes in climate and human populations. This meeting is co-sponsored by the Smithsonian Tropical Research Institute, the Center for Tropical Forest Science, and the Organization for Tropical Studies. For more information, see the web site at <<www.stri.org/art2002>>.

**87th ANNUAL MEETING of the ECOLOGICAL SOCIETY of AMERICA**, 5-9 August 2002, Tucson Convention Center, Tucson, Arizona. Co-sponsored by the Ecological Society of America and the Society for Ecological Restoration. The theme of the meeting is "Understanding and Restoring Ecosystems." Information can be found at <<www.esa.org/tucson>>.

**3rd CONFERENCE OF THE INTERNATIONAL SOCIETY FOR ECOLOGICAL INFORMATICS (ISEI)**, 26-30 August 2002, Villa Grazioli Park Hotel, Grottaferrata (Rome), Italy. The registration form and more details about the conference are available at the conference web site: <<www.isei3.org>>.

**THE INTERNATIONAL ASSOCIATION FOR LANDSCAPE ECOLOGY (UK)** is running a conference on the large-scale ecology of birds in September 2002. You can find out more by visiting the web site <<www.iale.org.uk>>.

**ASIAN WETLANDS: RESTORATION OF STRUCTURE, FUNCTION AND VALUES: AN INTERNATIONAL SYMPOSIUM**, 8-13 September 2002, Nanjing, China. Yangtze River/Three Gorges field study tour: 14-18 September 2002. The objective of this Symposium is to provide a forum for synthesizing existing knowledge about ecosystem processes as a foundation for effective wetland restoration in Asia. The Symposium will consist of invited and contributed papers and field study tours. Those venues will consider the seven focus areas of the Symposium: Hydrology, Biogeochemistry, Community Dynamics, Inventory and Assessment, Conservation Biology, Global Change, and Socioeconomics. Contributed presentations and papers are solicited for each of the seven focus areas for the symposium. Authors should submit an abstract according to instructions provided at the symposium website: <<www.sws.org/china>> Authors will be notified no later than 1 April 2002 regarding the acceptance and schedule for their presentation. More information is available on the symposium website, or contact: Ms. Pekepnie Simmons at <ksimmons@fs.fed.us>, 2730 Savannah Hwy., Charleston, SC 29414 (843) 727-4271 x103; fax: (842) 727-4152.

**INTERNATIONAL CONFERENCE ON NEOTROPICAL RAPTORS AND HARPY EAGLE SYMPOSIUM**, 24-27 October 2002. Panama City, Panamá. Sponsored by The Peregrine Fund and Fondo Peregrino-Panamá. For further information contact: Neotropical Raptor Conference, The Peregrine Fund, 5668 West Flying Hawk Lane, Boise, ID 8370 USA or go to <<www.peregrinefund.org/nrconference.html>>.

### 2003

**ASSOCIATION FOR TROPICAL BIOLOGY (ATB)/BRITISH ECOLOGICAL SOCIETY (BES) Joint Meeting and Symposium on "Biotic Interactions in the Tropics"**, 7-10 July 2003, University of Aberdeen, Scotland. The three-day meeting will comprise morning plenary sessions on Biotic Interactions and afternoon sessions for contributed papers. A fourth day will be dedicated to a workshop on Research Priorities in Tropical Biology. The organizers are currently soliciting suggestions for topics for symposia within the Biotic Interactions theme of the meeting or related to other topical themes within the realm of tropical biology. If you would like to organize a session (approx. eight 20-minute talks), or suggest a focal topic for a symposium, please contact one of us by the end of 2001. All suggestions will be considered by the organizing committee and a draft program constructed early in 2002. Contact David Burslem, <d.burslem@abdn.ac.uk>, Michelle Pinard, <m.a.pinard@abdn.ac.uk>, or Mike Swaine, <m.swaine@abdn.ac.uk>.

### BOOKS

**Fundamentos de Conservación Biológica: Perspectivas Latinamericanas** (2001) is a new book available for the study and teaching of conservation biology in Spanish. The book is authored by R. Primack, R. Rozzi, P. Feinsinger, R. Dirzo, and F. Massardo, and is published by Fondo de Cultura Económica (FCE), México, D.F., México. The book is an extensively re-written version of R. B. Primack's *Essentials of Conservation Biology*. Examples, maps, literature, and figures have been included to reflect the Latin American perspective on conservation topics. The book runs to 797 pp, and includes 80 case studies contributed by leading conservation biologists from throughout the region. For FCE in Mexico — E-mail <rancira@fce.com.mx>, or call (5)-227-4612. For FCE in US — E-mail <sales@fceusa.com> or call (619) 429-0455. The cost is about US\$50.00.

**Biologia de Conservação** (2001), in Portuguese, by Richard B. Primack and Efraim Rodrigues, is a shorter version (328 pp) of the original text, with a Brazilian co-author (Rodrigues is at Londrina) and Brazilian case studies and examples. It is available in Brazil from <<www.efraim.com.br>>, and costs R\$32 (Brazilian reais) plus shipping.

The book *Forest Production for Tropical America*, by Frank Wadsworth is now available in both English and Spanish from the International Institute of Tropical Forestry (USDA-Forest Service). To find the text in PDF format, please visit <<www.fs.fed.us/research/forest\_production\_for\_tropical.htm>>. To obtain a copy of the book, please E-mail: <greyes@fs.fed.us> or write to Ms. Gisel Reyes, IITF Library, P.O. Box 25000, Río Piedras, Puerto Rico 00928, Telephone: (787) 766-5335.

A new book on the ecology of tropical rainforests in French Guyana has been recently published. The Nouragues Field Station is an area of 100,000 ha located 100 km south of Cayenne,

French Guyana, along the Arataye River. *Nouragues: Dynamics and Plant Animal Interactions in a Neotropical Rainforest* (2001), is edited by F. Bongers, P. Charles-Dominique, P.-M. Forget & M. Théry. The book can be obtained from Kluwer Academic Publishers, Dordrecht, Boston, & London. The book includes 27 chapters and 6 appendices (floristic and faunistic lists of plants, a guide to palms, and lists for mammals, birds, amphibians and reptiles, and fishes). The topics include: a general introduction to the region, the plant communities, the vertebrate communities, frugivory and fruit dispersal, and forest dynamics.

INBio (Instituto Nacional de Biodiversidade) in Costa Rica has recently published, in Spanish, a new book entitled *Bosques Nublados del Neotropico*, edited by Maaren Kapelle and Alejandro D. Brown. The book includes 19 chapters by 32 international authors, and treats cloud forests in the Antilles, México, Guatemala, Honduras, Nicaragua, Costa Rica, Panamá, Venezuela, Colombia, Ecuador, Perú, Bolivia and Argentina. More information is available at the INBio publishing web site, at <<www.inbio.ac.cr/editorial>> for details about this and many other INBio publications of potential interest to tropical biologists.

### JOBS

**JOB OPENING** for a biologist to study the ecology of herbivorous insects and their host plants in Papua New Guinea. This study is part of a long-term research project by the Institute of Entomology & University of South Bohemia (Czech Republic), Smithsonian Institution, the University of Minnesota (USA) and Sussex University (UK). More information on the PNG project is available from our website <<www.entu.cas.cz/png/index.html>>. The successful candidate will stay at our field station in Madang (Papua New Guinea) from September 2002 to August 2003. We are looking for a highly motivated biologist (entomology, ecology) capable of independent research work, with good command of English, and management skills. Experience from field work in the tropics is welcome. Travel to and from the US, living expenses in PNG, and a small stipend are provided. The candidate can enroll to Ph.D. program at the University of Minnesota or the University of South Bohemia, but the position is also suitable for a postdoctoral candidate or an exceptional B.Sc. or M.Sc. student. Please send inquiries to <novny@entu.cas.cz>. The deadline for applications (including a cover letter, c.v. and three letters of recommendation) is 31 March 2002. Vojtech Novotny, Institute of Entomology, Bránskovská 31, CZ 370 05 České Budejovice, Czech Republic Tel: +420 38 7775362, Fax: +420 38 5300354.

### WEB RESOURCES FOR TROPICAL BIOLOGISTS

**The International Society of Tropical Foresters** is a non-profit organization whose main objective is the transfer of technology and science to those concerned with the management, protection, and wise use of tropical forests. Visit their website at <<www.cof.orst.edu/org/istf>> for more details and look under "join" for information on how to become a member.

A new listserv has been established to share information among researchers and managers interested in the *Meliaceae*, including the important timber genera *Swietenia*, *Carapa* and *Khaya*. The page is being maintained out of CATIE, in Costa Rica. For information about subscribing to this list, see the introductory page at <<www.catie.ac.cr/catie/DirFunListas/fufro.htm>>.

**Forest Information Update (FIU)** is a free weekly e-mail newsletter sent to people interested in the inventorying and monitoring of natural resources. FIU is produced by Forest Information Services <<http://home.att.net/~gklund/>> and is supported by organizations, agencies and individuals working in the natural resources field. Back issues of FIU may be found at <<www.foresters.org/fiu/index.htm>>. To subscribe, unsubscribe, change your email address, or sponsor, contact H. Gyde Lund at <gklund@att.net>.



RIDSUS is a web page in Spanish and English and is intended as an initiative to foster communication and collaboration between communities, researchers and forest managers in the Maya forest, in the Yucatan of México. Patricia Negreros-Castillo, in the Forestry Department, Iowa State University, is soliciting short articles or links for this site, and invites contributions. Photos and summaries of research being done in this region are welcome. Send contributions to <<www.forestry.iastate.edu/smaya/smaya.htm>> or Patricia Negreros-Castillo, Forestry Department, Iowa State University <<www.forestry.iastate.edu/staff/negreros.html>> or <<www.forestry.iastate.edu/res/tropical.html>>.

The **Ecoregions of the World Project**, and subsequent mapping, database, and educational and scientific reports that have resulted from this endeavor, have been a focus of the World Wildlife Fund - US Conservation Science Program for over eight years. The project has been an exercise in working across country borders and has set the stage for improved conservation initiatives at the international, regional, and landscape levels. The results of these assessments are being published by Island Press <<www.islandpress.org>>. The third assessment — **Terrestrial Ecoregions of the Indo-Pacific** — became available in late December 2001. The two previous volumes, **Terrestrial Ecoregions of North America** and **Freshwater Ecoregions of North America**, are also available. For more information on this project or to order these volumes visit Eco-Compass at <<www.islandpress.org/ecocompass/archives/ecosystems/ecoregions.html>>.

## COURSES OF INTEREST

**1ST LATIN AMERICAN COURSE ON FRUGIVORY AND SEED DISPERSAL.** 15-27 April 2001 — Parque Estadual da Ilha do Cardoso, Atlantic forest of Brazil. The Universidade Estadual Paulista (UNESP) and Universidade Estadual de Campinas (UNICAMP) are offering the first course on frugivory and seed dispersal. The course will be taught by Mauro Galetti, Wesley Silva, Pedro Jordano, Carlos Martinez del Rio and Marco Pizo. For more information contact: Mauro Galetti, mgaletti@rc.unesp.br or Wesley Silva, <wesley@uicamp.br> or see the page <<www.rc.unesp.br/lib/ecologia/cursolatino.html>>.

**2002 INTERNATIONAL SEMINAR ON PROTECTED AREA MANAGEMENT,** 8-24 August 2002, Missoula, MT USA. This seminar, jointly offered by the Universities of Montana, Idaho and Colorado State and the US Forest Service International Programs office, is geared for senior level managers and policy makers working in protected areas. The program will examine and stimulate debate on management strategies, policies, and innovative institutional arrangements to address the conservation and use of the world's most special places. For more information and application details, visit <<www.fs.fed.us/global/is/isipam/welcome.htm>> or write to Dr. Jim Burchfield, School of Forestry, The University of Montana, Missoula, MT 59812, USA, or via e-mail at <jburch@forestry.umt.edu>. The cost for the course is US\$4,500.00.

**18TH INTERNATIONAL SEMINAR ON FOREST AND NATURAL RESOURCES ADMINISTRATION AND MANAGEMENT,** 25 August - 12 September 2002, in Colorado, Arizona, North Carolina and Washington, DC, USA. Jointly offered by Colorado State University and the US Forest Service International Programs office, this seminar is designed for senior natural resource management professionals. The 19-day program focuses on strategies and methods to develop, manage, and conserve natural resources for the sustained delivery of goods and services to meet the full range of human needs. For more information and application details visit <<www.fs.fed.us/global/is/isfam/welcome.htm>> or write to Ann Keith, College of Natural Resources, Colorado State University, Fort Collins, CO 80523-1401, USA or via e-mail at <ifs@cnr.colostate.edu>. The cost is US\$5,600.

**XIV CURSO INTENSIVO INTERNACIONAL SOBRE MANEJO DIVERSIFICADO DE FLORESTAS NATURAIS TROPICAIS** is being organized CATIE (Centro Agronómico Tropical de Investigación y Enseñanza) in Costa Rica, between 19 August - 20 September 2002. Applications must be received by 28 June. The course costs US\$3000, which covers virtually all in-country expenses. Participants must pay their own air travel to Costa Rica. More information is available from Fernando Carrera (M.Sc.) at <fcarrera@catie.ac.cr>.

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ATB is an international society that promotes tropical biology in its broadest sense. ATB publishes the quarterly journal *BIOTROPICA* and sponsors frequent symposia. Information: W. John Kress, ATB Executive Director, Smithsonian Institution, US National Herbarium, Department of Botany, NBH 166, Washington, DC 20560.

OTS is a non-profit consortium of over 50 academic and research institutions in the United States, Australia and Latin America. Its mission is to provide leadership in education, research and the responsible use of natural resources in the tropics. Graduate and undergraduate training and research facilities are provided at three field stations in Costa Rica. Information on OTS and *Tropinet* contributions: OTS, Box 90630, Durham, NC 27708-0630 USA.

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