

Tupper seminar

Tue, Feb 11, noon seminar speaker will be Rhett Harrison, STRI intern

Overview of a community of figs in Borneo: Or eighty ways to be a fig

Bambi seminar

Thu, Feb 13, Bambi seminar speakers are Eugene Morton, SI National Zoological Park and Priya Davidar,

Pondicherry University, India
Parasites and life history strategies in purple martins

Arrivals

Ashoke Bhattacharya, postdoctoral visiting scientist from Visva-Bharati University, India, Feb 1 - Apr 30, to conduct a preliminary study concerning the viability of pollen grains transported by different species of pollinators, at Gamboa and Tupper.

Ricardo Mallarino, intern from Universidad de los Andes, Feb 4 - Feb, 2004, to work with Eldredge Bermingham on the phylogeny and phylogeography of *Ithomia* butterflies, at Naos.

Jason Weir, short-term fellow from the University of British Columbia, Canada, Feb 8 - May 6, to study the great avian American interchange, on BCI, Naos and Fortuna.

Jess Zimmerman, University of Puerto Rico, Feb 9 - Mar 7, to study the phenologies of tropical forests: The role of light limitation, in Gamboa, on a CTFS award.

Cristoph Winterbacker, University of Viena, Austria, Feb 9-22, to collaborate with Klaus Winter, at Tupper.



Smithsonian Tropical Research Institute, Panamá

www.stri.org

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New STRI book

STRI fellow Yves Basset and colleagues Vojtech Novotny, Scott E. Miller and Roger L. Kitching edited the book *Arthropods of tropical forests: Spatio-temporal dynamics and resource use in the canopy* by Cambridge University Press. The volume includes contributions from 79 co-authors, a who's who of tropical entomology. It treats distribution, resource use and life histories of tropical canopy insects and spiders. A significant fraction of this research was conducted under the auspices of STRI in Panama and by staff of the National Museum

of Natural History and their collaborators. In particular, most of canopy research was conducted as part of STRI's Forest Canopy Biology Program. This important book is a valuable addition to the literature used by community ecologists, conservation biologists entomologists, botanists and forestry experts. More at <http://titles.cambridge.org/catalogue.asp?ISBN=0521820006> In the photo (from the left), Bruno Corbara (contributor to the book), Basset and Olivier Pascal present the new canopy book at the Parque Natural Metropolitano crane. Corbara (Operation Canopée) and Pascal (Pro-Natura International), together with Gilles Ebersolt (Océan Vert, absent from the picture) were in Panama to study the feasibility of a collaborative canopy raft project (www.radeau-des-cimes.org) with STRI.

Yves Basset, becario de STRI y sus colegas Vojtech Novotny, Scott E. Miller y Roger L. Kitching editaron el libro *Arthropods of tropical forests: Spatio-temporal dynamics and resource use in the canopy* [Artrópodos de bosques tropicales: Dinámica espacio-temporal y recursos usados en el dosel] en Cambridge University Press. El volumen incluye contribuciones de 79 co-autores, un quién es quién en entomología tropical. Trata distribución, uso de recursos e historia natural de insectos y arañas tropicales del dosel. Una fracción significativa de estos estudios se llevaron a cabo bajo los auspicios de STRI en Panamá y por personal del Museo Nacional de Historia Natural del Smithsonian y sus colaboradores. En particular, la mayor parte de las investigaciones en el dosel se realizaron como parte del Programa de Biología del Dosel de STRI. Este importante libro es una adición valiosa a la literatura usada por ecólogos de comunidades, biólogos conservacionistas, entomólogos, botánicos y expertos forestales. Más en <http://titles.cambridge.org/catalogue.asp?ISBN=0521820006> En la foto, de izquierda a derecha, Bruno Corbara (uno de los colaboradores del libro), Basset and Olivier Pascal presentan el nuevo libro sobre el dosel en la grúa del Parque Natural Metropolitano crane. Corbara (Operation Canopée) y Pascal (Pro-Natura International), junto con Gilles Ebersolt de Océan Vert (no aparecen en la foto) estuvieron en Panamá estudiando la factibilidad de un proyecto colaborativo de una estructural flotante en el dosel www.radeau-des-cimes.org con STRI.

More arrivals

Ralph Saporito, Florida International University, Feb 9 - Mar 10, to study the relationship between diet and toxicity in the poison frog, *Dendrobates pumilio*.

Katrina Macht, Montclair State University, Feb 9-17, to work with Jacalyn Giacalone, on BCI.

Helene Muller-Landau, University of California at Santa Barbara, Feb 9-28, to study seed rain in tropical forests patterns, causes and consequences for forest dynamics, in Gamboa.

Rob Hifle and Peter Bassett, Feb 9-12, to work with BBC Natural History Unit on film projects for *Animal Camera* series, on BCI

Michael Kirby, University of California at San Diego, Feb 10-21, to conduct a paleoecological analysis of the Emperor Limestone Panama, at CTPA, Ancon.

Camila Pizano, short-term fellow from Universidad de los Andes, Feb 11 - May 1, to study habitat preference and response to arbuscular micorrhizae of two morphotypes of *Trema micrantha* in a seasonal forest in Panama, on BCI.

Ellen Clark, short-term fellow from Monach University, Australia, Feb 12 - Jun 30, to study foraging strategies of the leaf-cutter ants *Acromyrmex octospinosus* and *Atta colombica*, on BCI.

Departures

William F. Laurance, Feb 5-8, to Washington DC, to present a seminar at the National Zoological Park.

Special visitor on BCI

James H. Simons, owner and president of Renaissance Technologies Corporation, visited BCI recently on board his yacht Lord Jim, to get acquainted with STRI programs and activities. Renaissance Technologies is an investment firm dedicated to the use of mathematical methods. Simons is also president of the recently established Simons Foundation, an organization devoted to science and science education.



James H. Simons, presidente y dueño de Renaissance Technologies Corporation visitó BCI recientemente a bordo de su yate Lord Jim, para familiarizarse con los programas y actividades de STRI. Renaissance Technologies es una firma de inversiones dedicadas al uso de métodos matemáticos. Simons también es presidente de la recién establecida Fundación Simons, una organización dedicada a la ciencia y la educación científica.

Indigenous peoples map



The Center for the Support of Native Lands will publish the map "Indigenous peoples and natural ecosystems in Central American and Southern Mexico in the February issue of *National Geographic*. The Panama section includes information provided by STRI staff scientist Héctor Guzmán, Argelis Ruiz and Jorge Ventocilla from STRI's Office of Education, STRI fellow Arturo Dominici and Rolando Pérez of the CTFS, among others, under the general coordination of Ventocilla.

El Centro de Apoyo a las Tierras Nativas publicará el mapa "Pueblos Indígenas y Ecosistemas Naturales" en el número de febrero de *National Geographic*. La sección de Panamá incluye información suministrada por el científico de STRI Héctor Guzmán, Argelis Ruiz y Jorge Ventocilla de la Oficina de Educación de STRI, el becario Arturo Dominici y Rolando Pérez del CTFS entre otros, bajo la coordinación general de Ventocilla.

From Visitor's Office

Fidanque Travel Agency has a branch in La Galeria shopping mall on Ave. Ricardo J. Alfaro (Tumba Muerto) where STRI visitors can make all travel arrangements. Week-days: 0830 to 1730. Saturdays 0830 to 1230. Travel agents: Rocio Pinilla Tel. 265-5531 e-mail rpinilla@fidanquetravel.com Sonia de Davis Tel. 265-5532 e-mail sdedavis@fidanque.com Fax: 260-5669.

La Agencia de Viajes Fidanque tiene una sucursal en el centro comercial La Galeria, en Avenida Ricardo J. Alfaro (Tumba Muerto), donde los de STRI pueden hacer sus arreglos de viajes. Días de semana: 0830 a 1730. Sábados: 0830 a 1230. Agentes de viajes: Rocio Pinilla Tel. 265-5531 e-mail rpinilla@fidanque.com Sonia de Davis Tel. 265-5532 e-mail sdedavis@fidanque.com Fax: 260-5669.

Condolences

To Olga F. Linares and her family, for the loss of her father, Frank Linares, on Monday, February 3, in David, Chiriquí.

New publications

Breedy, Odalisca, and Guzman, Hector M. 2002. "A revision of the genus *Pacifigorgia* (Coelenterata: Octocorallia: Gorgoniidae)." *Proceedings of the Biological Society of Washington* 115(4): 782-839.

Dick, Christopher W. 2002. "Effect of pollinator composition on the breeding structure of tropical timber trees." In Loveless, M., and Kremer, A. (Eds.), *Modeling and experimental research on genetic processes in tropical and temperate forests*: 140-152. Belém: EMBRAPA.

Fortunato, Helena M. 2002. "Reproduction and larval development of the Strombina-group (Buccinoidea: Columbelloidea) and related gastropods: testing the use of the larval shell for inference of development in fossil species." *Bolettino Malacologico* 4: 111-126.

Heckadon Moreno, Stanley. 2003. "Thomas Selfridge: Exploraciones en rio Tuira, 1871." *"Epocas" Segunda Era (Supplement to La Prensa)* 18(1): 6-7.

Schiesti, F.P., and Roubik, David W. 2003. "Odor compound detection in male euglossine bees." *Journal of Chemical Ecology* 29(1): 253-57.

STRI in the news

"Punta Culebra" por Diana Nereyda González P. 2003. *Siete* (Revista Dominical de *El Panamá América*) 19 de enero, no. 87, p 36-37.