

Tupper 4pm seminar

Tue, Nov 15, 4pm seminar speaker will be John Griggs, University of Texas

Pre-Columbian colonization of the evergreen forests of Caribbean Panama: new archaeological data and evaluation of prior hypotheses

Bambi seminar

Thu, Nov 17, Bambi seminar speaker will be Emma Sayer, Cambridge University

Title to be announced

Arrived last week

Aldo Croquer, University of Puerto Rico, to work with the ESP-Monitoring coral reef diseases, at Naos.

Evelise Fonseca, Brazil, to study stress behavior and social organization in leaf-cutter ants, in Gamboa.

Stephen Yanoviak, University of Florida, to study behavior and ecology of tropical canopy ants, on BCI.

Tiffany Troxler, Florida International University, to study the geographic distribution of tree species and forest in Panama, at Tupper

Alyson Courtemanch, St. Lawrence University, to work with the Automated Radio-Telemetry Project, on BCI.

Arriving this week

Marife Corre, University of Goettingen, to study the NITROF-impact of elevated nitrogen input on the biogeochemistry and productivity of tropical forest, on BCI.

Stefan Dennenmoser, Germany, to study the behavior, ecology and evolution of fiddler crabs genus *Uca*, at Naos.



Smithsonian Tropical Research Institute, Panamá

www.stri.org

November 11, 2005

Rubinoff awarded by US-Panama Business Council

STRI director Ira Rubinoff (right) was awarded the Friendship Award by the US-Panama Business Council during their annual reception and gala dinner held on Friday, October 28 at the Organization of American States (OAS) Headquarters in Washington, DC. In attendance were Panama's president Martin Torrijos, Panamanian ambassador in the US, Federico Humbert, US ambassador to Panama William Eaton and former ambassador Linda Watt.

Rubinoff has led STRI for more than 30 years. According to *Science* (July 12, 2001) Rubinoff's energetic and consistent leadership is responsible for STRI's success. "Among hundreds of tropical research institutions around the world, STRI is undeniably the best", states the article. He is also seen by STRI's scientific community as responsible for their intellectual freedom and for obtaining tens of millions of dollars for tropical research in Panama.



During the visit of US president George W. Bush to Panama on Monday, November 7, Torrijos introduced Rubinoff as "honorary meritorious Panamanian" to president Bush and first lady Laura Bush.

El director de STRI, Ira Rubinoff (derecha) recibió el Premio de la Amistad del Consejo de Negocios de Panamá y Estados Unidos, durante su recepción anual y cena de gala, el viernes 28 de octubre, en la sede de la Organización de Estados Americanos (OEA) en Washington DC. En el evento se encontraban el presidente panameño Martín Torrijos, el embajador de Panamá en EU, Federico Humbert, el embajador de EU en Panamá William Eaton, y la ex-embajadora Linda Watt.

Rubinoff ha liderado a STRI durante más de 30 años. De acuerdo a la revista *Science* (12 de julio, 2001) el liderazgo enérgico y consistente de Rubinoff es responsable por el éxito de STRI. "Entre cientos de instituciones de investigación tropicales alrededor del mundo, STRI es sin duda, el mejor" asegura el artículo. Rubinoff es visto por la comunidad científica de STRI como responsable de su libertad intelectual y por obtener decenas de millones de dólares para investigaciones en biología tropical en Panamá.

Durante la visita del presidente de EU, George W. Bush a Panamá, el lunes 7 de noviembre, Torrijos presentó a Rubinoff como "panameño meritorio honorario" al presidente Bush y a la primera dama, Laura Bush.

Arriving this week

Robert Dudley, University of California at Berkeley, to study the ecophysiology and orientation mechanisms of migratory neotropical butterflies, on BCI.

Pat Gowaty, University of Georgia, to study the flexible sex roles in a tropical leaf beetle, in Gamboa.

Omar Lopez, University of Wisconsin, to study the interaction of light and soil moisture availability in the photosynthetic performance of tropical tree seedlings, on BCI.

Kevin Winker, University of Alaska, to work with Eldredge Bermingham, on the avian project, at Naos.

Congratulations!

To Zuleyka Maynard and husband Carlos Regno for the birth of their daughter Valeria Alessandra, on November 1st. She weighed 7 lb, 7oz

Leaving next week

Eldredge Bermingham to Laramie, WY, to participate in the meetings of the Advisory Committee for the Wyoming EPScoR Ecology Program.

Todd Capson to Montreal, Canada, to participate in meetings regarding the McGill courses at STRI.

William F. Laurance to Sao Paulo, Brazil, to attend the Annual Scientific Conference of the NASA Long-term Biosphere-Atmosphere Experiment in the Amazon.



First Course for STRI Guides

STRI's Office of Communications and Public Programs (OCAPP) organized the first Course for STRI Guides, held from Friday, October 28 through Sunday, October 30, at the Gamboa School.

Thirty guides from Galeta, BCI and Culebra received training from Annette Aiello, Klaus Winter, Juan Maté, Vielka Chang-Yau, Elena Lombardo, Helena Fortunato, Rolando Pérez, Karla Aparicio, Rafael Samudio, Cesar Jaramillo, Nélica Gómez, Belkys Jiménez and Jorge Ventocilla. Francisco Miguez, from the Panama Canal Authority, Yenia Mendoza from SERGESA and Norma Ponce from Panamá's Environmental Authority also contributed to the course.

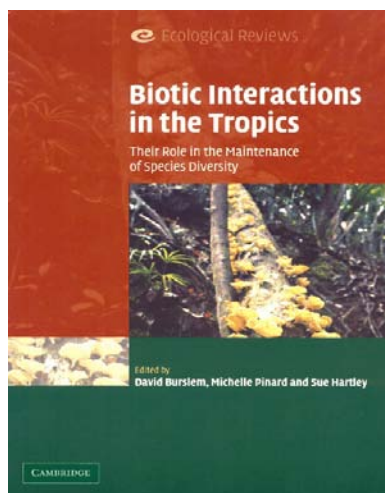
Talks about bird watching, snakes, plants, corals, mammals, the rise of the Isthmus of Panama, the STRI Library, STRI's fellowship and internship program, STRI's relations with its host country, Panama, and the cultural and environmental interpretation in Gamboa, were included in the program.

La Oficina de Divulgación y Programas Públicos de STRI (OCAPP) organizó el primer Curso para Guías, del viernes, 28 de octubre al domingo 30 de octubre, en la Escuela de STRI en Gamboa.

Treinta guías de los programa públicos de Galeta, BCI y Culebra recibieron entrenamiento de Annette Aiello, Klaus Winter, Juan

Maté, Vielka Chang-Yau, Elena Lombardo, Helena Fortunato, Rolando Pérez, Karla Aparicio, Rafael Samudio, Cesar Jaramillo, Nélica Gómez, Belkys Jiménez y Jorge Ventocilla. Francisco Miguez, de la Autoridad del Canal de Panamá, Yenia Mendoza de Servicio al Cliente, y Norma Ponce de la Autoridad Nacional del Ambiente de Panamá también contribuyeron al programa del curso.

En el programa se incluyeron charlas sobre observación de aves, serpientes, plantas, corales, mamíferos, el surgimiento del Istmo de Panamá, el programa de becas y pasantías de STRI, las relaciones de STRI con su país anfitrión, Panamá, y la interpretación cultural y ambiental de Gamboa.



Biotic interactions in the tropics

A new book by Cambridge University Press, *Biotic interactions in the tropics: their role in the maintenance of species diversity*, edited by David F.R.P. Burslem and Michelle A. Pinard from the University of Aberdeen and Sue E. Hartley, from the University of Essex include seven chapters by STRI researchers and associates. "...An underlying theme of the

volume is the attempt to understand the maintenance of high diversity in tropical regions, which remains one of the most significant unexplained observation in ecological studies." Information on this title:

www.cambridge.org-9780521847079.

See the list of contributions under "New publications"

New publications

Dalling, James W., and Burslem, David F.R.P. 2005. "Role of life-history trade-offs in the equalization and differentiation of tropical tree species." In: *Biotic interactions in the tropics: their role in the maintenance of species diversity*: 65-88. Cambridge, UK: Cambridge University Press.

Gilbert, Gregory S. 2005. "Dimensions of plant disease in tropical forests." In: *Biotic interactions in the tropics: their role in the maintenance of species diversity*: 141-164. Cambridge, UK: Cambridge University Press.

Herre, Edward Allen, Van Bael, Sunshine A., Maynard, Zuleyka, Robbins, Nancy, Bischoff, Joseph, Arnold, Anne E., Rojas, Enith, Mejia, Luis C., Cordero, Roberto A., Woodward, Catherine, and Kylo, Damond A. 2005. "Tropical plants as chimera: some implications of foliar endophytic fungi for the study of host-plant defence, physiology and genetics." In: *Biotic interactions in the tropics: their role in the maintenance of species diversity*: 226-237. Cambridge, UK: Cambridge University Press.

Herre, Edward Allen, Kylo, Damond A., Mangan, Scott, Husband, Rebecca, Mejia, Luis C., and Eom, Ahn-Heum. 2005. "An overview of arbuscular mycorrhizal fungal composition, distribution and host effects from a tropical moist forest." In: *Biotic interactions in the tropics: their role in the maintenance of species diversity*: 204-225. Cambridge, UK: Cambridge University Press.

Un libro nuevo de Cambridge University Press, *Biotic interactions in the tropics: their role in the maintenance of species diversity* [Interacciones bióticas en los trópicos: su papel en el mantenimiento de la diversidad de species] editado por David F.R.P. Burslem y Michelle A. Pinard de la Universidad de Aberdeen y Sue E. Hartley, de la Universidad de Essex, incluye siete capítulos por científicos y asociados de STRI. "...Un tema

que sobresale en este volumen es el intento de entender el mantenimiento de la alta diversidad de las regiones tropicales, que sigue siendo una de las observaciones más significativas e incomprendidas en los estudios ecológicos." Información sobre este libro puede obtenerse en: www.cambridge.org-9780521847079



New manager at the Visitors' Office

Yara de Clemons (at right) was selected as new manager of STRI's Visitors' Services Office, effective October 31st. She has a bachelor's degree in Professional Management from Nova Southeastern University and is pursuing a master's degree in Business Administration and Finance. She brings experience in sales and business from Panama City, was management analyst at Howard AFB under the US Government in Panama, and sales coordinator at Sprague Energy Co, in Portsmouth, New Hampshire.

Clemons is replacing Maria Leone (left), who will continue working at STRI as part-time advisor. We welcome Yara and wish her success.

Yara de Clemons (derecha) fue seleccionada como nueva administradora de la Oficina de Visitantes de STRI, a partir del 31 de octubre. Tiene una licenciatura en administración profesional de Nova Southeastern University y cursa estudios de maestría en administración de empresas y finanzas. Consigo trae experiencia en ventas y negocios de la ciudad de Panamá, fue analista administrativa en Howard AFB bajo el gobierno de EU en Panamá y coordinadora de ventas en Sprague Energy Co., en Portsmouth, New Hampshire.

Clemons reemplaza a María Leone (izquierda), quien continuará trabajando en STRI como asesora, medio tiempo. Le damos la bienvenida a Yara y le deseamos muchos éxitos.

More publications

Laurance, William F. 2005. "The alteration of biotic interactions in fragmented tropical forests." In: *Biotic interactions in the tropics: their role in the maintenance of species diversity*: 441-458. Cambridge, UK: Cambridge University Press.

Muller-Ladau, Helene C., and Hardesty, Denise. 2005. "Seed dispersal of woody plants in tropical forests: concepts, examples and future directions." In: *Biotic interactions in the tropics: their role in the maintenance of species diversity*: 267-309. Cambridge, UK: Cambridge University Press.

Uriarte, Maria, Hubbell, Stephen P., John, Robert, Condit, Richard, and Canham, Charles D. 2005. "Neighborhood effects on sapling growth and survival in a Neotropical forest and the ecological-equivalence hypothesis." In: *Biotic interactions in the tropics: their role in the maintenance of species diversity*: 89-106. Cambridge, UK: Cambridge University Press.

Miscellaneous

Mitsubishi Montero V6-24 3500, 1999. Automatic, A/C, full options, Alpine sound system, in good condition: \$10,000 negotiable. Please contact Kristel Kleinhesslink at 6516-2001 or e-mail: kleinhesslinkk@si.edu.

For sale: golden coins B/.100 for \$170 and Mexican two pesos \$40 negotiable. Interested please call Sonia Tejada, cel 6667-1020.

For sale: Nikonos V Underwater camera system, with flash, close up lenses, etc. all in great condition \$500. Contact Aaron O'Dea at 212 8065 odeaa@si.edu

science in progress:

Panama's first female botanist leads the youth into the 21st century

I: The Catalog

By Marialuz Calderon
Photo: Marcos A. Guerra

Mireya Correa's professional life has grown parallel to Panamanian herbaria. She joined the US Army Tropic Test Center's Herbarium in 1968. The Army's Herbarium was later administered by Florida State University and the Missouri Botanical Garden at the Summit Garden in the Canal Zone. As result from the Panama Canal Treaties, it was transferred to STRI, and located at the Tivoli basement until 1990 when it was relocated at the Tupper Laboratories.

In 1967, Correa co-founded the University of Panama's Herbarium. Her work at the University of Panama (UP) and STRI's herbaria rendered the catalog of Panamanian vascular plants *Catálogo de plantas vasculares de Panamá*, published with Carmen Galdames and Maria Stafp, in 2004. This beautifully illustrated volume compiles the species registered and described for the *Flora of Panama*.

Correa and collaborators continue their work identifying, photographing, describing and documenting the flora of the one of the richest ecosystems on Earth: the Isthmus of Panama. Correa is the president of the Mesoamerican and Caribbean Herbaria Network since 2002, is member of the *Flora Neotropicalica* Board of the New York Botanical Garden, manages both herbaria, STRI's and the UP's—that work in close collaboration—teaches at the University and serves as staff scientist at STRI.

Read part II: "The E-catalog" on November 18.

La vida profesional de Mireya Correa ha crecido de forma paralela a los herbarios de Panamá. Se unió al Herbario del Tropic Test Center del Army de EU en 1967. El Herbario del Army fue administrado más adelante for Florida State University y Missouri Botanical Garden localizado en el Jardín Botánico Summit. Como resultado de los Tratados del Canal de Panamá, fue transferido a STRI y ubicado en el sótano del Tivoli.

En 1968, Correa fue co-fundadora del Herbario de la Universidad de Panamá (UP). Su trabajo en los herbarios de UP y STRI rindieron fruto en el *Catálogo de plantas vasculares de Panamá*, publicado con Carmen Galdames y Maria Stafp, en 2004. Este volumen, bellamente ilustrado, compila las especies registradas y descritas para *Flora de Panamá*.

Correa y colaboradores continúan su trabajo de identificar, fotografiar, describir y documentar la flora de uno de los ecosistemas más ricos del planeta: el Istmo de Panamá. Correa es la presidenta de la Red de Herbarios de Mesoamérica y el Caribe, forma parte de la mesa directiva del proyecto *Flora Neotropicalica* del Jardín Botánico de Nueva York, administra ambos herbarios el de STRI y el de UP—que trabajan en estrecha colaboración—es profesora en la Universidad, y parte del cuerpo de investigadores permanentes de STRI.

Lea la parte II: El catálogo electrónico, el 18 de noviembre.



los Plantas Vasculares de Panamá
Mireya D. Correa
Comité Editorial y de Arte