

Tupper seminar

Tuesday, 1 June, noon seminar speaker will be Yves Roisin, IBISCA 2004 Participant, "Social Evolution in Termites"

Bambi seminars

Wednesday, June 2, Joseph Yavitt (Cornell University), "Fertilization of a lowland tropical moist forest in Panama. BCI.

Thursday, June 3. Jennifer Powers. "Carbon cycling in tropical forest: from local to global scales". BCI.

Saturday, June 5th. Lars Hedin (Princeton University) Darwinian evolution and nutrient cycles in tropical forests. BCI.

Please contact Melida Ruiz, 212-8903 for reservations.

Arrivals

Alexandra Freeman, Yale University. 29 May - 1 July 04, Volunteer, ICBG Project, Tupper.

Stephen Yanoviak, U. Florida, 30 May - 4 June to work with Mike Kaspari on BCI.

Anne Meylan, Florida Marine Research Institute, and Peter Meylan, Eckerd College, 30 May - 15 June. To study ecology and migrations of marine turtles of Bocas del Toro and 2) Hawksbill turtle population recovery and research in the Bocas del Toro Comarca Ngobe-Buglé, Chiriqui Beach/Escudo de Veraguas and the Bastimentos Island National Marine Park..



Smithsonian Tropical Research Institute, Panamá www.stri.org May 28, 2004



STRI Visitors arrive in droves/ Visitantes Arriban a STRI

Visiting Scientists/ Científicos visitantes

The scene in STRI's lobby in the Tupper Building is like a family reunion as visiting scientists, free from academic responsibilities at their home institutions, come to Panama to embark upon a new season of tropical biology field research. 90 visiting researchers are scheduled to arrive in June, in addition to the 35 visitors who arrived during the last two weeks of May. The Visitors Services Office estimates that STRI will host almost 800 visiting scientists in 2004, up from 665 in 2003. La escena en los pasillos del Edificio de Tupper de STRI es como una gran reunión familiar cuando los científicos visitantes, libres de sus responsabilidades académicas en sus instituciones, vienen a Panamá para embarcarse en una nueva temporada de investigación de campo en biología tropical. Noventa científicos visitantes arribarán en Junio además de los 35 que ya llegaron en las últimas dos semanas de mayo. La Oficina de Servicios para Visitantes estima que STRI recibirá aproximadamente 800 científicos visitantes en 2004, una cifra superior a los 665 registrados en 2003.

More arrivals

Margaret Crofoot, Harvard U., 1 June - 30 Aug. , Distribution and movement patterns of white-faced capuchins on Barro Colorado Island, Panama.

Jason Watkins, U. of Georgia, 1 June - 30 July. Investigatin of oomycete fungi believed to be involved in Janzen-Connell effects observed on Barro Colorado Island, Panama.

Jennifer Epps, U. Georgia, 1 June - 31 July. To work with J. Watkins on BCI.

Rachel Gallery, U. of Illinois, 1 June - 15 Dec., to work with Jim Dalling on BCI.

Jason Daul, U. of Wisconsin-Oshkosh, 1 June - 15 Aug., Life history strategy of a highly specialized tropical lizard. Gamboa

James Van Tassel, Hofstra U., New York, 1 June - 31 May 05, Shorefishes of the Greater Caribbean. Post doc with R. Robertson.

Alexander Barron, Princeton U., 1 June- 25 March 05. Pattern and controls on nitrogen fixation in a tropical forest. BCI.

Lisa Bennett, USA, 1 June - 15 Aug., To work with Alex Barron on BCI.

Juan Carlos Montero, UNAM. 2 June-14. *Cestrum* (Solanaceae) collection, Panamá.

Kristin Wright and Alison D'Amato, Boston U., Massachusetts, 3 June - 30 Aug. 04. Interns with Karen Warkentin in Gamboa.

Kenneth Behring family visit/ Visita de la Familia Kenneth Behring

Philanthropist Kenneth E. Behring, founder of the Wheelchair Foundation, visited Panama this week with friends, family and Foundation members. A group including David, Jeff, Tom and Scott Behring, visited STRI's Canopy Crane in Panama's Metropolitan Nature Park, and later visited Park headquarters where STRI Director Ira Rubinoff presented information about research programs and facilities. El filántropista Kenneth E. Behring, fundador de Wheelchair Foundation, visitó Panamá esta semana junto con amigos, familia y miembros de la Fundación. Un grupo integrado por David, Jeff, Tom, y Scout Behring visitaron la Grúa del Dosel del Bosque de STRI en el Parque Metropolitano de Panamá y luego recorrieron la sede del Parque donde el Director de STRI Ira Rubinoff les brindó información sobre los programas de investigación e instalaciones.

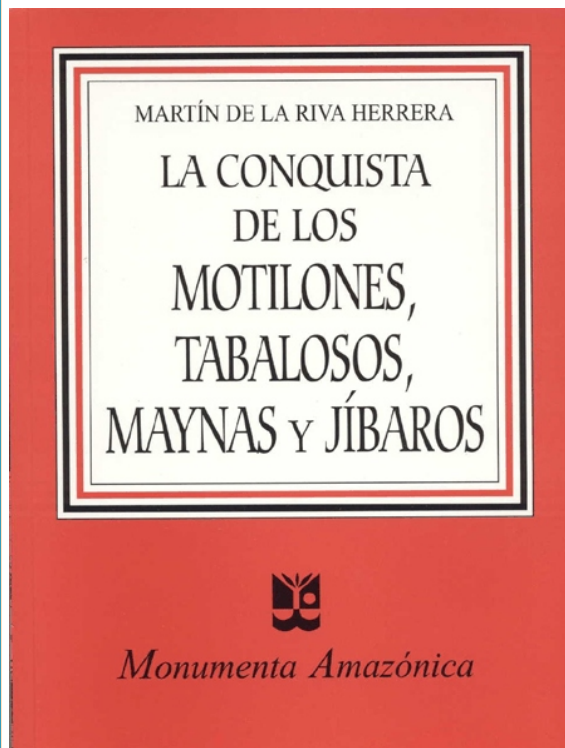
Sir Christopher Lever and Andrew W. Mitchell visit Canopy Projects, May 25-30/ Sir Christopher Lever and Andrew W. Mitchell visitan los proyectos del Dosel del Bosque, mayo 25-30

Sir Christopher Lever is an historian and author of a series of natural history books focusing on the introduction of non-native vertebrates. He is also trustee of the Ernest Kleinwort Charitable Trust, the Earthwatch Institute and chairman of Tusk, an organization dedicated to conserving wildlife habitat in Africa. Andrew Mitchell is Director of the Global Canopy Programme at Oxford University in England. They visited Klaus Winter's carbon uptake experiments in Gamboa and will spend the rest of their stay at STRI with the IBISCA Project (Investigating the Biodiversity of Soil and Canopy Arthropods) on Barro Colorado and at the Sherman Canopy Crane site. Sir Christopher Lever es historiador y autor de una serie de libros de historia natural enfocados en la introducción de vertebrados no-nativos. También es ??? del Ernest Kleinwort Charitable Trust, el Instituto Earthwatch y de Tusk, una organización dedicada a la conservación del medio ambiente en Africa. Andrew Mitchell es Director del Global Canopy Programme de la Universidad de Oxford de Inglaterra. Ellos visitaron los experimentos de adsorción de carbono en Gamboa acompañados por Klaus Winter y durante el resto de su visita estarán con el Proyecto IBISCA (Investigación de la Biodiversidad de Artropodos del Suelo y del Dosel) en Barro Colorado y por la Grúa de Sherman.

New Santos-Granero book/ Nuevo libro de Santos-Granero

A new volume of the Monumenta Amazonica has been published in Peru. This volume, a collection of historical chronicles and documents, compiled and edited by STRI Staff Scientist, Fernando Santos-Granero, depicts the exploits of 17th Century conquistador, Don Martin de la Riva Herrera, and represents the end of the Spanish conquest of the Upper Amazon. Un nuevo volumen de *Monumenta Amazónica* ha sido publicado en el Perú. Este volumen, forma parte de una colección de crónicas históricas y documentos, compilados y editados por el científico de STRI Fernando Santos-Granero, detalla las hazañas del conquistador del siglo XVII, Don Martín de la Riva Herrera, y representa el fin de la conquista española en el Alto Amazonas.

"Monumenta Amazónica. La conquista de los Motilonos, Tabalosos, Maynas y Jíbaros" 2003. Fernando Santos-Granero, ed. CETA, Iquitos, Peru. 418pp.



Motilonos, Tabalosos, Maynas y Jíbaros" 2003. Fernando Santos-Granero, ed. CETA, Iquitos, Peru. 418pp.

Soils and Hydrology Workshop/ Taller sobre Suelos e Hidrología

From 31 May-8 June, Dr. Kyle Harms (Louisiana State University), Dr. Jim Dalling (University of Illinois), Dr. Robert Stallard (U.S. Geological Survey), and Dr. Joseph Yavitt (Cornell University) will host the workshop "Soils and Hydrology of CTFS plots: Linking Trees to the Edaphic and Hydrologic Context" on Barro Colorado Island. More than 30 participants, representing Malaysia, Thailand, Sri Lanka, India, Panama, Brazil, Cameroon, Congo, Germany and Canada will work to develop standard methods to sample soils and characterize the hydrologic properties of all 17 Center for Tropical Forest Science research sites. The workshop is funded by a \$54,000 NSF grant to Harms with additional support from STRI and other members of the network. The research involved will be partially funded by a \$600,000 NSF grant to the organizers. Desde el 31 de mayo al 8 de junio, Dr. Kyle Harms (Louisiana State University), Dr. Jim Dalling (University of Illinois), Dr. Robert Stallard (U.S. Geological Survey) y el Dr. Joseph Yavitt (Cornell University) serán los anfitriones del taller "Suelos e Hidrología de las Parcelas del CTFS: Uniendo los Árboles con el Contexto Edáfico e Hidrológico" en la Isla de Barro Colorado. Más de 30 participantes, representando Malasia, Tailandia, Sri Lanka, India, Panamá, Brasil, Cameroon, Congo, Alemania y Canadá, trabajarán para desarrollar métodos estándares para tomar muestras de suelos y caracterizar las propiedades hidrológicas de los 17 sitios de investigación del Centro de Ciencias Forestales del Trópico. El taller está financiado por una beca de NSF de \$54,000 a Harms con apoyo adicional de STRI y otros miembros de la red. La investigación en cuestión será parcialmente financiada por una beca de NSF de \$600,000 otorgada a los organizadores.

Bocas del Toro Station Outreach / Divulgación en Bocas del Toro

Last Friday, May 21, a group of students from the Bet-El School visited the STRI station in Bocas del Toro. Guided by Lucía Lasso and Lidia Valencia, the children had a chance to deepen their knowledge of local coral reef ecosystems and their inhabitants. The kids watched a video about corals, and participated by "hunting for answers" in the exhibit "Our Reefs: United by the Caribbean." At the end of the visit they toured the station's research facilities. El pasado viernes 21 de mayo, un grupo de 24 estudiantes del Centro Educativo Bet-El visitó la estación de investigación de STRI en Bocas del Toro. Guiados por Lucía Lasso y Lidia Valencia, los niños tuvieron la oportunidad de afianzar sus conocimientos sobre los arrecifes de coral y sus habitantes. Se observaron videos sobre el tema, se hizo una "cacería de respuestas" utilizando la exhibición "Nuestros Arrecifes: Unidos por el Caribe". Por último se realizó un corto recorrido a través de las instalaciones de la estación.



Rodrigo Ramirez-Blazquez, STRI's new attorney, effective May 24. Se presenta el nuevo asesor legal de STRI desde el 24 de mayo.

More arrivals

Greg Adler and Alexandra Carvajal, U. of Wisconsin-Oshkosh, 1 - 30 June, to census diversity and abundance of rodents in Panama. Gamboa.

James Vonesh, U. of Florida, 1 June - 1 Aug. To consider the ecological consequences of predator-induced hatching plasticity in the red-eyed treefrog, *Agalychnis callidryas*. Gamboa.

Sagiri Horisawa, U.C. Berkeley. 1 -11 June. Optimal migration in butterflies on BCI.

Ralph Saporito, Florida International U. 12-19 June. Relationship between diet and toxicity in the strawberry poison dart frog, *Dendrobates pumilio*. Bocas del Toro.

Davin Lopez, U.Wisc. Oshkosh. 1 June-12 Aug. Metapopulation in a fragmented forest. Gamboa and BCI.

Justin Touchon, Boston University, Mass., 3 June-15 Nov., How weather changes predation: phenotypic plasticity and complex environmental interactions in the embryonic life-stage of the neotropical tree frog, *Hyla embraccata*. Gamboa.

Soils and Hydrology Workshop Participants. 30 May-8 June, BCI.

Ian Baillie, Harvard U.;

George Chuyong, U. of Buea, Cameroon;

Hillary Hamann, Colorado College;

More arrivals

Soils and Hydrology
Workshop Participants.
Continued...

Fangliang He, U. of Alberta,
Canada;

Ankila Hiremath, Ashoka
Trust for Research and the
Environment, India;

Robert John-Chandran, U. of
Illinois, Urbana-Champaign;

Abdul Rahman bin Kassim,
Forest Research Institute,
Malaysia;

Mathew Mirabello, Cornell
University;

Nsalambi Nkongolo, Lincoln
U., Missouri;

Tania Pimentel, Inst. Nac. De
Pesquisas Da Amazonia,
Brasil;

Jennifer Powers, University of
Minnesota;

Nancy Pullen, U. of Colorado;

Joseph Yavitt, Cornell
University, New York.;

Sarayudh
Bunyavejchewin, Samboan
Kiratiprayoon and Nantachai
Pongpattanurak,
Thai National Park, Thailand;

Chris Mullins, U. Aberdeen,
Scotland;

Helmut and Marie-France
Elsenbeer, U. Potsdam,
Germany;

Gamini Seneviratne, Sri Lanka;

Adzmi Yaacob, Forest
Research Institute, Malaysia.

Announcements/ Anuncios:

Gorgas Conference, June 7-8/ Conferencia en Honor a Gorgas, junio 7-8

Gorgas Memorial Institute of Health Studies (El Instituto Conmemorativo Gorgas de Estudios de la Salud, ICGES) will host its Fourth Scientific Congress on 7 and 8 June, 2004, to mark the 100th Anniversary of the arrival of Dr. William Crawford Gorgas in Panama. To register, please contact Sr. Fernando Hernandez at 227-4111 ext. 110 or 152. Fee \$20.00. El Instituto Conmemorativo Gorgas de Estudios de la Salud, ICGES, invita al IV Congreso Científico para conmemorar la llegada de Dr. William Crawford Gorgas en Panama, hace 100 años. Para inscribirse, por favor contactarse con Sr. Fernando Hernandez, 227-4111 ext. 110 o 152. Costo \$20.00.

Security Awareness Training/ Capacitación de Seguridad

Smithsonian Directive 931, Use of Computers & Networks, requires all employees, volunteers, interns, and contractor personnel who use the Institution's computers and networks to complete computer security awareness training by September 30, 2004. The [training course provides computer security basics and is available on PRISM at https://si-iapp01.si.edu:8443/csat/index.jsp](https://si-iapp01.si.edu:8443/csat/index.jsp).

ARTS Post Doctoral Position Open/ Post Doctorado con el Proyecto ARTS

DESCRIPTION: We are seeking one Post Doctoral Researcher to work with the Automated Radio-Telemetry System (ARTS) research project on Barro Colorado Island in Panama. This person will work closely with a team of biologists and engineers to operate an ARTS for the study of wildlife movement and survival on Barro Colorado Island (BCI), Panama. The applicant will live at the Smithsonian's research station on BCI for at least one year, with possible occasional travel further abroad. More information on the ARTS project can be found at www.princeton.edu/~tracking/

DUTIES: Oversee work to test and improve the performance of the ARTS. Analyze and model movement and activity data collected on birds and mammals with the ARTS.

QUALIFICATIONS: Applicants need to be able to work independently, have a Ph.D. degree, experience with wildlife telemetry, experience with analyzing animal movement and/or activity data, and fluency in written and spoken English. Additional skills that would be beneficial include: Experience with GIS, experience with time series analyses, familiarity with database management, familiarity with wireless communication networks, fluency in Spanish.

Contact: Martin Wikelski or Roland Kays. Their contacts and more information on the ARTS project can be found at www.princeton.edu/~tracking/

Dog needs home/ Un Perro necesita hogar

Very sweet dog needs a loving home. She is about 5 years old, very mellow and affectionate, completely house-trained and already spayed. Contact comital@bci.si.edu.