

Tupper seminar

Tuesday, July 29, noon seminar speaker will be Robert B. Srygley, University of Oxford

Locomotor mimicry in butterflies: flight styles and energetic costs

Bambi seminar

Please check your bulletin boards and GroupWise for information on the next Bambi.

Arrivals

Meena Haribal, Cornell University, Jul 26 - Aug 2, to study uropygial glands and secretion of Passeriformes, in Gamboa.

Timothy Swain, short-term fellow from Florida State University, Jul 27 - Sep 30, to study host-symbiont relationships and the evolution of zoanthid *Porifera* symbioses, on Bocas del Toro.

Monica Pless, Princeton University, Jul 27 - Aug 15, to work with Martin Wikelski, on BCI.

Kirk Klasing and Jennie Bennett, University of California at Davis, Jul 27 - Aug 3, to study the life history-physiology nexus: constraints on the evolutionary diversifications of avian life histories, in Gamboa.

Kelly Lee, Princeton University, Jul 27 - Aug 5, to work with Martin Wikelski, in Gamboa.

Johan Petersen, University of Copenhagen, Denmark, Jul 28, to study the phylogenetic relationships and evolution of host choice of the Hippoboscoidea, in Gamboa.



Smithsonian Tropical Research Institute, Panamá

www.stri.org

July 25, 2003

STRI and French Consortium merge on the canopy

STRI and the Canopy Raft Consortium (CRC) signed a memorandum of understanding on Tuesday, July 22, to join efforts in canopy research. CRC is a French-based consortium that provides different services to canopy access (canopy raft, canopy bubble, etc.) and gather international scientists to perform a variety of experiments and surveys in the canopy. These teams have conducted research in French Guiana, Cameroon, Gabon, Madagascar and other countries. During September and October, STRI and CRC will merge their experience and knowledge on canopy research to conduct a large entomological project: "Investigating the Biodiversity of Soil and Canopy Arthropods," IBISCA-2003. Some 30 entomologists from 15 countries will participate in IBISCA 2003 in the San Lorenzo forest on the Caribbean, to study the vertical stratification and beta diversity of arthropods using state-of-the-art methods of canopy access. This ambitious project aims to evaluate faunal turnover between the soil and the canopy fauna. STRI researchers Yves Basset and Joe Wright will coordinate the project with Héctor Barrios (University of Panama) and Bruno Corbara (CRC and University Blaise Pascal, France). In the photo, a canopy bubble runs along a 1-km transect in Madagascar. More information at www.radeau-des-cimes.org



Photo: Laurent Pyot

STRI y el Consorcio Canopy Raft firmaron un convenio el martes 22 de julio, para unir esfuerzos en investigaciones del dosel. CRC es un consorcio que opera en Francia y ofrece diferentes servicios de acceso al dosel, reuniendo científicos internacionales para llevar a cabo una variedad de experimentos y estudios en la copa de los árboles. Estos equipos ya han llevado a cabo proyectos en la Guyana Francesa, Camerón, Gabón, Madagascar y otros países. Durante los meses de septiembre y octubre, STRI y CRC unirán su experiencia y conocimientos sobre investigaciones en el dosel para llevar a cabo un proyecto entomológico de grandes proporciones: Investigando la Biodiversidad de los Artrópodos del Suelo y el Dosel, IBISCA-2000. Cerca de 30 entomólogos de 15 países participarán en IBISCA 2003. En el bosque de San Lorenzo en la costa caribe, para estudiar la estratificación vertical y la beta-biodiversidad de artrópodos, usando lo último en métodos de acceso al dosel. Este ambicioso proyecto se propone evaluar el cambio entre la fauna del suelo y el dosel. Los investigadores Yves Basset y Joe Wright de STRI coordinarán el proyecto junto con Héctor Barrios de la Universidad de Panamá y Bruna Corbara, de CRC y la Universidad Balise Pascal de Francia. En la foto, un globo del dosel recorre un transecto de un kilómetro en Madagascar. Para mayor información visite: www.radeau-des-cimes.org.

More arrivals

Carlos Guarnizo, short-term fellow from Universidad de Los Andes, Aug 1 - Oct 15, to study the phylogeography of the high Andean frog, *Hyla labealias*, at Naos

Edmund Tanner, University of Cambridge, UK, Aug 1 - 13, to study the importance of leaves produced in the shade to tree seedlings moved from shade to small gap light regimes, on BCI and Gigante.

Eva Toth, short-term fellow from Virginia Institute of Marine Science, Aug 1 - Oct 25, to conduct behavioral and genetic analysis of the principles of sociality in sponge dwelling shrimp, at Bocas

Departures

Nelida Gomez, Aug 1 - Oct 30, to Jena, Germany, to conduct studies of larval defenses at the Max Planck Institute for Chemical Ecology.

Congratulations!

To Renier Vargaand Julissa Tapia, for the birth of their daughter Illian Paola, on July 17. She weighed 6.2lb.

Miscellaneous

For rent: Furnished apartment in Miraflores, 2b/rooms, 2bath 2parking spaces, electric door, maintenance fee included, \$400. PH Miraflores II. Interested call Nereida Hernández at 261-9671.

New fees at Culebra

Adults/Adultos: \$2
Children/Niños: 50¢
Retirees/Jubilados: \$1



American ambassador Linda Watt (fourth from the left), her husband Leo Duncan (first) and her children Tom and Lauri (second and third) visited STRI marine facilities on Naos Island on Tuesday, July 22. At the Naos Laboratories they were briefed by Lab's administrative manager Mercedes Denis, and toured the facilities to learn about research programs conducted at Naos. At the Culebra Marine Exhibition Center, they were attended by marine scientist John Christy (second from the right), who conducts research in Playa de los Cangrejos, the Culebra personnel Dayra Navarro (fifth), Sam Mann (third) and Heidy Collazos (first), and OCAPP director Stanley Heckadon (fourth).

La embajadora de los Estados Unidos en Panamá Linda Watt (cuarta desde la izquierda), su esposo Leo Duncan (primero) y sus hijos Tom y Lauri (segundo y tercera) visitaron las instalaciones marinas de STRI en Isla Naos, el martes 22 de julio. En los Laboratorios de Naos fueron recibidos por la gerente administrativa Mercedes Denis, donde visitaron las instalaciones para conocer sobre los proyectos de investigación que se llevan a cabo desde Naos. En el Centro de Culebra fueron recibidos por el científico marino John Christy (segundo desde la derecha) quien lleva a cabo estudios en la Playa de los Cangrejos, el personal del centro Dayra Navarro (quinta), Sam Mann (tercero) y Heidy Collazos (primera), y el director de OCAPP, Stanley Heckadon (cuarto).



New STRI webmaster

Harold Maduro is STRI new webmaster, effective July 7th. Maduro has a B.A. in marketing and publicity from Universidad del Istmo. Before coming to STRI he worked at Boot Studio, Imágenes Digitales and Cinergy, S.A. He also teaches at Universidad del Istmo. We welcome Harold into the STRI family.

Harold Maduro es el nuevo "webmaster" de STRI desde el 7 de julio. Maduro tiene una licenciatura en mercadeo y publicidad de la Universidad del Istmo, donde actualmente enseña. Antes de llegar a STRI trabajaba en Boot Studio, Imágenes Digitales y Cinergy, S.A. Le damos la bienvenida a la familia de STRI.

August birthdays

Juan C. Roqueiro	1
Nurys Palacios	1
Lidia de Valencia	2
Donald Windsor	4
Alejandro Hernandez	6
Carlos Bonilla	7
Ricardo Gomez	7
Ayda Carrasco	8
Rafael Aizprua	8
Marecelo Renno	8
Erick Lam	9
Christie Young	9
Aizpuro Martinez	11
Luis Polanco	13
Ross Robertson	13
Victor Perez	13
Jorge Luis Gonzalez	14
Lidia Mann	17
Ricardo Cajar	18
Marcel Epailly	18
Jannifer Saucedo	19
M.J. West-Eberhard	20
Apolinar Guerrero	20
Vanessa Sanchez	24
Vielka Downer	24
Marissa Batista	25
Patrizia Pinzon	27
Guillermo Caballero	27
Amalia Herrera	28
Leonard Hirsch	28
Oswaldo Calderon	29
Francisco Rivera	30

We tread on it,
trees grow in it,
water flows through it,
it is fundamental,
it is basic (often
acidic), but what do
we really know about
it?

We announce a
symposium dedicated
to soil related research
at STRI, beginning at
10 a.m. on Friday,
August Tupper Center
Exhibit Hall, Ancon
barbeque and drinks to
follow at 5pm