

Tupper seminar

Tuesday, April 23, noon seminar speaker will be Jacobus (Koos) Boosma, Zoological Institute, Denmark
Mating system evolution and mutualistic host-symbiont conflict in fungus-growing ants

Bambi seminar

Thursday, April 25, Bambi seminar speaker will be Moritz Weinbeer, University of Ulm
Is there a terminal phase? Telemetry and sensory ecology of bats of BCI

Arrivals

Jason Cochran, NEO graduate student from McGill University, Apr 22 - Jul 10, to evaluate sustainable agriculture project in Panama, at Tupper

Fernando Montealegre, Liliana Castaño and Fernando Vargas Salinas, University of Toronto, Apr 22 - Jun 4, to study musical stridulation mechanisms in tettigoniids, with special reference to the genus *Panacanthus* Walker, at El Copé and Fortuna.

Anthony Wisnieski, Baltimore Zoo, Maryland, Apr 23 - May 16, to work with the Golden Frog Project, on mainland.

Kevin Zippel, Detroit Zoological Institute, Michigan, Apr 23 - May 12, to work with the Golden Frog Project, on mainland.

Hether Peckham, Yale University, Apr 23 - Aug 31, to study the rehabilitation of dry tropical forest ecosystems: the role of pasture trees and animal disperses in facilitating natural regeneration, in Los Santos, Azuero.



Smithsonian Tropical Research Institute, Panamá

www.stri.org

April 19, 2002



(Photo: Marcos A. Guerra)

SI Science Diving Course

STRI's diving officer Edgardo Ochoa (left) in coordination with SI scientific diving officer Michael Lang and NMNH diving officer Jennifer Dorton completed a training course for five STRI divers and three divers from the National Museum of Natural History and the Smithsonian Environmental Research Center in Washington DC, on Wednesday, April 10. The first two parts of the course, theory and confined waters, started on March 25 simultaneously in Panama and Washington DC. The group joined in Panama for open water diving on Isla Grande for 12 immersions including navigation, rescue, buoyancy, use of quadrants and transects, fish and coral censuses, night diving and deep diving. All divers certified by the SI Scientific Diving Program are recognized by all American Academy of Underwater Sciences (AAUS) affiliates around the world. The STRI divers that were certified by this course work with staff scientists Luis D'Croze and Haris Lessios, post-doctoral fellow Thomas Duda, and fellow Arturo Dominici. More information at www.si.edu/dive and www.aaus.org

Edgardo Ochoa, director de buceo en STRI (arriba) en coordinación con Michael Lang, director de buceo científico de SI y Jennifer Dorton, directora de buceo de Museo de Historia Natural del Smithsonian (NMNH), completaron el curso de entrenamiento de cinco buzos de STRI y tres del NMNH y del Centro de Investigaciones Ambientales del Smithsonian, el miércoles 10 de abril. Las dos primeras partes del curso, de teoría y aguas confinadas, comenzó el 25 de marzo, simultáneamente en Panamá y Washington DC. El grupo se reunió en Panamá para el buceo en aguas abiertas en Isla Grande, para 12 inmersiones que incluyeron navegación, rescate, flotabilidad, uso de cuadrantes y transectos, censo de peces y corales, buceo nocturno y buceo profundo. Los buzos certificados por el Programa de buceo científico del Smithsonian son reconocidos por los afiliados de la Academia Americana de Ciencias bajo el Agua (AAUS) alrededor del mundo. Los buzos de STRI que participaron del curso trabajan con los científicos Luis D'Croze y Haris Lessios, el becario post-doctoral Thomas Duda y el becario panameño Arturo Dominici. Más información en www.si.edu/dive y www.aaus.org



Departures

Vielka Chang-Yau, April 22-27, to Havana, Cuba, to participate in the Congress INFO 2002.

New publications

Chave, Jérôme, Muller-Landau, Helene C., and Levin, Simon A. 2002. "Comparing classical community models: Theoretical consequences for patterns of diversity." *The American Naturalist* 159(1): 1-23.

Christy, John H., Backwell, Patricia R.Y., and Goshima, Seiji. 2002. "The design and production of a sexual signal: hoods and hood building by male fiddler crabs *Uca musica*." *Behaviour* 138(9): 1065-1083.

Daws, Matthew I., Mullins, Christopher E., Burslem, David F.R.P., Paton, Steven R., and Dalling, James W. 2002. "Topographic position affects the water regime in a semideciduous tropical forest in Panamá." *Plant and Soil* 238: 79-90.

Gray, Heather M., Ouellet, Martin, Green, David M., and Rand, A. Stanley. 2002. "Traumatic Injuries in Two Neotropical Frogs, *Dendrobates auratus* and *Physalaemus pustulosus*." *Journal of Herpetology* 36(1): 117-121.

Green, A.M., Mueller, Ulrich G., and Adams, Rachele M.M. 2002. "Extensive exchange of fungal cultivars between sympatric species of fungus-growing ants." *Molecular Ecology* 11(2): 191.

Hart, Adam G., and Ratnieks, Francis L. W. 2002. "Waste management in the leaf-cutting ant *Atta colombica*." *Behavioral Ecology* 13(2): 224-231.

Jennions, Michael, D., and Moller, Anders P. 2002. "Relationships fade with time: a meta-analysis of temporal trends in publication in ecology and evolution." *Proceedings of the Royal Society* (London) B. 269(1486): 43-48.

O'Connor leaves SI

Dennis O'Connor, SI undersecretary for Science will leave the Smithsonian this summer to take a position at the University of Maryland as vice-president for Research and dean of Graduate Studies.

Dennis O'Connor, sub-secretario para Ciencias del Smithsonian, dejará la Institución próximamente, ya que aceptó la posición de vice-presidente para Investigaciones y decano de Estudios de Postgrado en la Universidad de Maryland.



Recientemente, Elena Lombardo, de Asuntos Externos y Fernando Pascal, de Diseño y Construcción, se reunieron con el Comité de Desarrollo Sostenible de la Provincia de Bocas del Toro que preside el asesor presidencial Alberto Quiros J., para presentar los planes de desarrollo de STRI en Isla Colón y la misión de STRI en Panamá. La reunión, que se llevó a cabo en el Centro de Conferencias Tupper, contó con la presencia de cerca de 20 funcionarios estatales panameños.

(Foto: Chelina Batista)

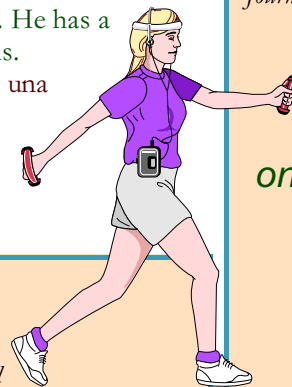
New employees • Empleados nuevos

Janett Wilson de Carrasco, April 1. Secretary for the ATB Congress, to work with Joe Wright and Audrey Smith. She worked with the US Army for 10 years and works as independent tourist guide in Panama and Colon.

Abril 1. Secretaria para el Congreso ATB, para trabajar con Joe Wright y Audrey Smith. Laboró 10 años con el Ejército de los Estados Unidos. Trabaja como guía turística independiente en Panamá y Colón.

Andre Calixto. April 8. Bookstore clerk. He has a bachelor degree in International Relations.

Abril 8. Oficinista de Librerías. Tiene una licenciatura en Relaciones Internacionales de Florida State University.



Miscellaneous

For Sale: Eight volumes of the *Annual Review of Ecology of Ecology and Systematics* 1990 to 1997. The set in excellent condition is \$200 or @\$25 each. The price from the publisher is \$67 each. contact Neal Smith at smithn@stri.org or 507-212-8116

More publications

Laurance, William F. 2002. "Farewell to the world's most biodiverse forest?" *Trends in Ecology and Evolution* 17: 208.

Laurance, William F. 2002. "Mega-project threatens Peruvian Amazon." *Trends in Ecology and Evolution* 17(4): 162.

Lovette, Irby J., Bermingham, Eldredge, and Ricklefs Robert, E. 2002. "Clade-species morphological diversification and adaptive radiation in Hawaiian songbirds." *Proceedings of the Royal Society* (London) B. 259(1486): 37-42.

Rocha, Luiz A., Bass, Anna L., Robertson, D. Ross, and Bowen, Brian W. 2002. "Adult habitat preferences, larval dispersal, and the comparative phylogeography of three Atlantic surgeonfishes (Teleostei: Acanthuridae)." *Molecular Ecology* 11(2): 243.

Rova, Johan H. E., Delprete, Piero G., Andersson, Lennart, and Albert, Victor A. 2002. "A trnL-F cpDNA sequence study of the Condamineae-Rondeletiae-Sipaneae complex with implications on the phylogeny of the Rubiaceae." *American Journal of Botany* 89(1): 145-159.

Sakai, Shoko. 2002. "Aristolochia spp. (Aristolochiaceae) pollinated by flies breeding on decomposing flowers in Panama." *American Journal of Botany* 89(3): 526.

Join us at Naos on Friday, April 26 for a Walk-a-thon

Unase a la caminata de STRI en Naos el viernes, 26 de abril.