

STRI news '98

Smithsonian Tropical Research Institute Weekly Newsletter

Panama, October 2, 1998

Seminars

No noon seminar scheduled for Tuesday, October 6. If you wish to give a seminar, please contact Neal G. Smith.

Bambi

Thursday, October 8, Bambi seminar speaker will be Elisabeth Kalko, University of Tuebingen *Organization and Diversity of Tropical Bat Communities Through Space and Time*

Transportation and dinner reservations are essential. Call BCI at 272-2124 or E-mail: Bambi

rrivals

- Phyllis Coley and Thomas Kursar, STRI research associates from the University of Utah, Oct 3 - Dec 1, to continue studies on the deterrence of fungi and herbivores in young leaves with different development patterns; and bioprospecting in Panamanian forests, at BCI.
- Richard Aronson, Dauphin Island Sea Laboratories, and Ian MacIntyre, SI, Washington, D.C., Oct 4 - 10, to do a reconnaissance of Bahia Almirante for coring project, in Bocas.
- Ana Perdices, Museo Nacional de Madrid, Spain, Oct 6 - Sep 30, 1999, to work on freshwater fishes with Eldredge Bermingham, at Naos.
- Cynthia Carlson, Institute for Creation Research, CA, Oct 6-14, to take photographs for book on specialization of three-toe sloth, at BCI and Ft. Sherman.



STRI's Game Warden Force was awarded the prestigious Panama Canal Honorary Public Service Award by the Panama Canal Commission at a ceremony held on Wednesday, September 30th. The STRI Game Warden Force received this award in recognition of the important service to the community by protecting the Barro Colorado Nature Monument, an integral part of the Panama Canal Watershed.

The game warden force, together with members of the Panama's National Police, protect an area that includes the Barro Colorado Nature Monument (5400 hectares), nearby islands, and surrounding lake area (4,900 hectares). They coordinate their activities with the Autoridad Nacional del Ambiente (ANAM) and have provided extensive training sessions and collaboration to park wardens in other important national parks and reserves.

For the last ten years the STRI game warden force has contributed with environmental education and voluntary service activities to the neighboring communities of BCNM, such as Las Pavas.

The STRI community extends its sincerest congratulations to the Game Warden Force and members of the Panama Police, for this well deserved award. In the group photo appear members of the Game Warden Force and members of the Panamanian Police. From the left also are Security Assistant Manager Fernando Caballero and Manager Alejandro Arze, and from the right Game Warden Supervisor Alejandro Hernández and Julia Areas, Administrative Assistant ••• *La Fuerza de Guardabosques de STRI recibió el prestigioso premio por servicios al público honorario del Canal de Panamá, por la Comisión del Canal de Panamá en una ceremonia que se llevó a cabo el miércoles 30 de septiembre. La Fuerza de Guardabosques recibieron este premio en reconocimiento del importante servicio a la comunidad, al proteger el Monumento Natural de Barro Colorado, una parte integral de la Cuenca del Canal de Panamá.*

La Fuerza de Guardabosques, junto con miembros de la Policía Nacional de Panamá, protegen el área que incluye el Monumento Natural de Barro Colorado (5,400 hectáreas), islas cercanas, y el área de lago que lo rodea (4,900 hectáreas). Los Guardabosques coordinan sus actividades con la Autoridad Nacional del Ambiente (ANAM) y han ofrecido sesiones de entrenamiento extensivas así como colaboración a guardaparque en otros parques y reservas nacionales....

Sigue en página dos

- Caroline Krater, University of Utah, Oct 8 - Dec 31, to work with Phyllis Coley in the SGER: Regulation of herbivores by the third trophic level; an El Niño Experiment, at BCI.

Departures

- David Roubik, Oct 5 - 12, to Sao Paulo, Brazil, at the invitation of the Ministry of the Environment, to attend conference at the University of Sao Paulo.

From the Director Del Director

"It is with the deepest regret that I announce the death of Leoncio Rodriguez on Friday, September 25. Leoncio was appointed as Messenger for the Director's Office in 1993. During his service of five years all of us in the Director's Office grew to appreciate his professional efficiency, his willingness to work whenever and wherever necessary, and his quiet dignified personality. We extend our deepest sympathies to his spouse, Marcelina and to the other members of his family ••• *Con un profundo dolor debo anunciar la muerte de Leoncio Rodriguez, el viernes 25 de septiembre. Leoncio fue nombrado como Mensajero de la Oficina del Director en 1993. Durante su servicio, de cinco años, todos nosotros en la Oficina del Director aprendimos a apreciar su eficiencia profesional, su disponibilidad para trabajar cuando fuera y donde fuera necesario, y su tranquila y digna personalidad. Extendemos nuestro más profundo pésame a su esposa, Marcelina, y a los demás miembros de su familia.*"

Anthony Coates

Premio a Guardabosques (viene de pág. 1)

Durante los últimos diez años la fuerza de guardabosques de STRI ha contribuido con la educación ambiental y actividades de servicio voluntario a comunidades vecinas al MNBC, como Las Pavas.

La comunidad de STRI extiende su más sinceras felicitaciones a la fuerza de guardabosques y a los miembros de la Policía Nacional, por tan merecido reconocimiento. En la foto aparecen los miembros de la fuerza

de guardabosques y miembros de la Policía Nacional. De izquierda a derecha aparecen Fernando Caballero, subdirector de seguridad y Alejandro Arze, director de seguridad. De derecha a izquierda aparecen Alejandro Hernández, supervisor de los guardabosques y Julia Areas, asistente administrativa del departamento. (Foto: M.A. Guerra)

External Affairs

Asuntos Externos

During the elections of the Board of Directors of the Metropolitan Natural Park, held on Wed, Sep 28, STRI was elected as Vice-President of the Board. STRI has supported the efforts and programs of the Park since 1985 and will hold this new position along with the Major's Office, President of the Board, and the Audubon Society, treasurers, for the next two years ••• *En las elecciones del Patronato del Parque Natural Metropolitano, llevadas a cabo el miércoles 28 de septiembre, STRI fue electo como Vice-Presidente del Patronato. STRI, que apoya los esfuerzos y programas del parque desde 1985, fungirá en esta posición conjuntamente con la Alcaldía de Panamá en la Presidencia y la Sociedad Audubon en la Tesorería por los próximos dos años.*

Publications

- Guzmán, Héctor M. and Tudhope, Alexander W. 1998. "Seasonal Variation in Skeletal Extension Rate and Stable Isotopic ($^{13}\text{C}/^{12}\text{C}$ and $^{18}\text{O}/^{16}\text{O}$) Composition in the Response to Several Environmental Variables in the Caribbean Reef Coral *Siderastrea siderata*." *Marine Ecology Progress Series* 166: 109-118.
- Kalko, Elisabeth K.V. 1997. "Diversity in Tropical Bats." In: *Tropical Biodiversity and Systematics. Proceedings of the International Symposium on Biodiversity and Systematics in Tropical Ecosystems*, Bonn, 1994: 13-43, edited by H. Ulrich. Bonn: Zoologisches Forschungsinstitut und Museum Alexander Koenig.
- Kalko, Elisabeth K.V. and Condon, M.A. 1998. "Echolocation, Olfaction and Fruit Display: How Bats Find Fruit of *Flagellichorous cucurbits*." *Functional Ecology* 12: 364-372.
- Kalko, Elisabeth K.V., Schnitzler, Hans-Ulrich, Kaipf, Ingrid and Grinnell,

Alan P. 1998. "Echolocation and Foraging Behavior of the Lesser Bulldog Bat, *Noctilio albiventris*: Preadapt for Piscivory?" *Behavioural Ecology Sociobiology* 42: 305-319.

Koga, Tsunenori, Backwell, Patricia R.Y., Jennions, Michael D. and Christy, John H. 1998. "Elevated Predation Risk Changes Mating Behaviour and Courtship in a Fiddler Crab." *Proceedings of the Royal Society of London B* 265: 1385-1390.

Morán Ku, Alexandra. 1998. Aislamiento de Actinomicetes de Raíces de *Adiantum liciatum* en la Isla Barro Colorado, Panamá. Thesis. Panamá: Universidad de Panamá.

Nieh, James C. 1998. "The Role of a Scent Beacon in the Communication of Food Location by the Stingless Bee, *Melipona panamica*." *Behavioral Ecology and Sociobiology* 43: 47-58.

Roubik, David W. 1998. "The Killer Bee Saga." *Subtropical Fruit News* 6(1): 13-14

Salazar Allen, Noris. 1998. "Editorial". *Briolatina* 44: 1.

Salazar Allen, Noris. 1998. "Una Aproximación a la Flora de Muspos del Cerro Hoya, Panamá." *Briola* 44: 7.

Thies, Wibke, Kalko, Elisabeth K.V. and Schnitzler, Hans-Ulrich. 1998. "The Roles of Echolocation and Olfaction in Two Neotropical Fruit-Eating Bats, *Carollia perspicillata* and *C. castanea*, Feeding on Piper." *Behavioral Ecology and Sociobiology* 42: 397-409.

Würth, Mirjam K.R., Winter, Klaus and Körner, Christian. 1998. "Leaf Carbohydrate Responses to CO₂ Enrichment at the Top of a Tropical Forest." *Oecologia* 116:18-25.

At Education #330

You will find information that is too long to publish. Some of this information concerns:

Curso de Educación a Distancia:

- Master en Educación Ambiental
- Master en Evaluación de Impacto Ambiental
- Master en Ecoauditorías y Planificación Empresarial del Medio Ambiente
- Master en Alta Gestión Ambiental (Consultoría y Verificación Medioambiental)