

STRI news

April 11, 1997

Smithsonian Tropical Research Institute • Apartado 2072, Balboa, Panamá • Tel. 227-6022 • Fax 232-5978

TUPPER CENTER SEMINARS



(Ilustración de Oloquaqi. Tomado de Ventocilla, Herrera y Núñez, 1997.)

Tuesday, April 15, non seminar speaker will be Jorge Ventocilla, STRI and Avelino Pérez

Dos Años de Cacería en Cartí Sugdup, Comunidad de los Indígenas Kunas

Abstract

Poco es lo que se conoce sobre uso de fauna silvestre por comunidades indígenas de Panamá. Hace unos años y aprovechando que realizábamos un estudio más extenso sobre cacería de subsistencia en Cangandi (Kuna Yala), empezamos a recolectar información sobre animales cazados por habitantes de la vecina isla de Cartí Sugdup. Nuestras preguntas de investigación fueron sencillas: (1) ¿Qué especies de animales se cazan? (2) ¿Cuántos animales se cazan en un período largo de tiempo y que peso representa? (3) ¿Adónde van a cazar los kunas? Se registraron 187 animales cazados, de 11 especies distintas (7 mamíferos: *Tapirus*, *Tayassu*, *Dasyprocta*, *Hydrochaeris*, *Nasua*, y *Cuniculus*; 3 aves: *Tinamus*, *Crax*, y *Amazona*; y 1 reptil: *Iguana*). El 90% de los ejemplares pertenece a 5 especies (*Iguana*, *Tayassu tajacu*, *Dasyprocta*, *Nasua* y *Crax*). Quien más carne aportó fue *Tapirus* (4 ejemplares), pero *Tayassu tajacu* es la especie que suministra carne de monte de manera consistente a los kunas. Nuestras observaciones indican que los habitantes de Cartí Sugdup practican la "cacería en huertas" (garden hunting), tal como sus paisanos de Cangandi.

BAMBI SEMINAR AT BCI

Thursday, April 15, Bambi seminar speaker will be Jenny Davidson, University of California at Davis

Fungal Pathogens, Tree Seedlings and Tropical Forest Structure

Transportation and dinner reservations are essential. Please call BCI at 272-2124.

PEOPLE

Arrivals

- Peter Wrege, Cornell University, Apr 6, to work with Steve Emlen on the social behavior and breeding biology of the wattled jacana, in Gamboa.
- Vickey Sare and Robert Hortar, Colorado School of Mines, Apr 6-18, to work on the early meteoric diagenesis and water/rock interaction of holocene polymineralic carbonate islands, in San Blas.
- Arcadio Haroun, Universidad de las Palmas de la Gran Canaria, Spain, April 7-10, to work on the herbivory pressure and macrological benthic communities in contrasting environments, with Haris Lessios, at Naos and San Blas.
- Herbert Stadelmann, University of Bielefeld, Apr 13-May 25, to work with Wolfram Beyschlag on the influence of leaf-cutting ants on light interception and canopy photosynthesis in crowns of tropical trees, at BCI.
- David Morrell, SI Office of Protection Services Protection director, and Thomas Bresson, associate director, April 14-18, to visit STRI facilities, and meet STRI staff.
- Takahiro Murakami, Hokaido University, Apr 14-May 21, to conduct sociobiological studies of neotropical social insects, at BCI.
- John Withey, Apr 14, to work on L. Petit's Legacy Project.
- Martin Wikelski and Michaela Hau, University of Washington, Apr 15 - Jun 30, to study the physiological mechanisms of reproductive seasonality in the rainforest dwelling spotted antbird, in Gamboa.

Departures

- Penny Barnes, Apr 11 - May 12, to the Bermuda Biological Station, to teach a course in tropical marine invertebrates for Duke University's spring semester.
- Olga F. Linares, Apr 13 - May 10, to Washington D.C., to attend the meetings of the National Academy of Sciences, meet with colleagues at SI, and consult the Library of Congress.

Good News

Marek Zdzikot, STRI canopy crane operator at Parque Natural Metropolitano, had a successful bone marrow transplant operation and returned to Panama to recuperate from leukemia. The transplant operation was sponsored by the Government of Spain through the Panamanian Social Security. The STRI community contributed more than \$3,000 for transportation and expenses in Spain. Many thanks to everyone who contributed and especially to Elianne Koch and Ines Verleye, who led the fundraising effort.

INVITACION DE LA USMA

El Centro de Estudios e Investigaciones en Ciencias Agropecuarias (CEICAA), con sede en Los Santos, invita a la comunidad científica de STRI a participar en el Ier Congreso Nacional de Desarrollo Sostenible y Medio Ambiente "Siglo XXI: Nuevos Desafíos al Desarrollo Integral Nacional" que se realizará el 23 al 27 de junio de 1997. El Congreso incluirá plenarios, charlas magistrales, temas libres, mesas redondas, presentaciones de afiches, exhibiciones y otras actividades. En la categoría de temas libres podrán participar investigadores, profesionales y personas que deseen compartir trabajos e investigaciones realizadas. Para mayor información favor llamar a la Universidad Santa María la Antigua, tels. 236-1311 ó 236-1868.

STRI IN THE NEWS

"Evolution and Environment in Tropical America, edited by Jeremy B.C. Jackson, Ann F. Budd and Anthony Coates" [Book review]. *Tree* 4 April, 1997.

NEW STRI PUBLICATIONS

- Adler, G.H., Lambert, T.D. 1997. "Ecological Correlates of Trap Response of a Neotropical Forest Rodent, *Proechimys semispinosus*." *Journal of Tropical Biology* 13(1): 59-68.
- Bermingham, Eldredge, Seutin, Giles, Ricklefs, Robert E. 1996. "Regional Approaches to Conservation Biology: RFLPs, DNA Sequence, and Caribbean Birds." *Molecular Genetic Approaches in Conservation* 1996: 104-124.
- Clifton, Kenneth E. 1997. "Mass Spawning by Green Algae on Coral Reefs" *Science* 275(5303): 1116-1118.
- Eberhard, William G. and Pereira, F. 1996. "Functional

- Morphology of Male Genitalic Durstyli in the Dungflies *Achiseopsis diversiformis* and *A-ecalcarata* (Diptera: Sepsidae)." *Journal of the Kansas Entomological Society* 69 (4 suppl): 43-60.
- Guzmán, Héctor M., Jarvis, K.E. 1996. "Vanadium Century Record from Caribbean Reef Corals: A Tracer of Oil Pollution in Panama." *Ambio* 25(8): 523-526.
- Harms, Kyle E. 1997. Habitat-Specialization and Seed Dispersal-Limitation in a Neotropical Forest. Ph.D. dissertation. Princeton University.
- Hoch, G.A., Adler, G.H. 1997. "Removal of Black Palm (*Astrocarym standleyanum*) Seeds by Spiny Rats." *Journal of Tropical Ecology* 13(1): 51-58.
- Lefebvre, Giles, Poulin, Brigitte. 1997. "Bird Communities in Panamanian Black Mangroves: Potential Effects of Physical and Biotic Factors." *Journal of Tropical Ecology* 13(1): 97-113.
- Lopez, J.V., Stephens, J.C. and Obrien, S.F. 1997. "The Long and Short of Nuclear Mitochondrial DNA (Numt) Lineages." *Trends in Ecology and Evolution* 12(3): 114.
- Morgan, S.G., Christy, John H. 1997. "Planktivorous Fishes as Selective Agents for Reproductive Synchrony." *Journal of Experimental Marine Biology and Ecology* 209(1-2): 89-101.
- Summers, Kyle, Bermingham, Eldredge, Weigt, Lee, Mccafferty, S. 1997. "Phenotypic and Genetic Divergence in Three Species of Dart-Poison." *Journal of Heredity* 88(1): 8-13.
- Ventocilla, Jorge, Herrera, Heraclio y Núñez, Valerio (eds). 1997. *El Espíritu de la Tierra: Plantas y Animales en la Vida del Pueblo Kuna*. Cataluña, España: Icaria.
- Wulff, Jennie L. 1997. "Mutualism Among Species of Coral Sponges." *Ecology* 78(1): 146-159.

Correction



Lovelock, Catherine E., Kylo, Dimond and Winter, Klaus. 1996. "Growth Responses to Vesicular-Arbuscular Mycorrhizae and Elevated CO₂ in Seedlings of a Tropical Tree, *Beilschmiedia pendula* (vol 10, pg 662, 1996)." *Functional Ecology* 10(6): 784.

Skillman, J.B., Winter, Klaus. 1997. "High Photosynthetic Capacity in a Shade-Tolerant Crasulacean Acid Metabolism Plant - Implications for Sunfleck Use, NonPhotochemical Energy Dissipation, and Susceptibility to Photoinhibition." *Plant Physiology* 113(2): 441-450.