

# STRI news

July 3, 1997

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

## TUPPER CENTER SEMINARS

No noon seminar scheduled for Tuesday, July 8. If you wish to give a seminar, please contact Neal Smith.

## BAMBI SEMINAR

Thursday, July 10, Bambi seminar speaker will be Greg Adler, University of Wisconsin Oshkosh

*Population Limitation and Regulation in a Tropical Forest Rodent*

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

## PEOPLE

### Arrivals

- Jane Hutton, McGill University, July 5 - Aug 5, to work with Catherine Potvin on the plantation of Chunga and Wagara Palm in Darien.
- Andrew Smith and Darren Crayn, July 5-10, to meet with Klaus Winter regarding future research plans, at Tupper.
- Karen Lips and Martha Allen, St. Lawrence University, NY, July 5 - Aug 20, to investigate the extent and possible causes of amphibian declines in Costa Rica and Panama, on mainland.
- Peter Meylan and Anne Meylan, Eckerd College, FL, July 7 - Aug 5, to study the ecology and migrations of marine turtles of Bocas del Toro province.
- Matthew Sewell, Washington D.C., July 7 - Aug 30, to work as a volunteer at the CTFS, in Tupper.
- Lisa Barnett, July 7-12, on official business at STRI.
- Martin Aitken, M&M and Mars Company's Cacao in Brazil, July 7-12, to meet with STRI researchers and visit a cocoa plantation in Western Panama.
- Kunio Suzuki, Toyoma University, Japan, July 9 - 19, to carry out comparative studies on the morphology of the sub-families *Aulocoscelis* and *Megascelis*.



Marco Díaz and Luis D'Croz set up the Coral Reef Exhibit at the Washington's Union Station last month. In the photo, visitors to the exhibit attend the opening on June 14 ••• Marco Díaz y Luis D'Croz coordinaron el montaje de la Exhibición de Arrecifes Coralinos de STRI en el Union Station en Washington D.C. el mes pasado. En la foto, visitantes de la exhibición, durante su inauguración el 14 de junio. (Foto: C.C. Hansen)

## THINGS YOU SHOULD KNOW

### From the Director ••• Del Director

All STRI employees are invited to attend a general assembly scheduled Thursday, July 10th, 1997, from 3:30 pm to 4:30pm, at the Tupper Center Auditorium for a summary regarding the recently signed Agreement between the Nation and STRI ••• Todos los empleados de STRI están invitados a una asamblea general donde se ofrecerá un resumen del convenio recién firmado entre la Nación y STRI, el jueves 10 de julio en el auditorio del Centro Tupper, de 3:30pm a 4:30pm.

### From the Digital Imaging Laboratory

#### Del Laboratorio de Imágenes Digitales

The Digital Imaging Laboratory is a multi-user facility. For this reason, in order to avoid loss of data, it is not recommended to leave files saved in any of its computers. For this purpose the laboratory now has zip disks at a cost price of \$20.00 each ••• El Laboratorio de Imágenes Digitales es para el uso de miembros de todo el Instituto. Por ello, no se recomienda salvar archivos en ninguna de sus computadoras. Para este fin, el laboratorio cuenta ahora con "zip disks" por el precio de \$20.00 cada uno.

## ANNOUNCEMENTS

**Visitor from the South ••• Visitante del Sur**

A unusual visitor from the South, a fur seal from Galapagos, was found at a shrimp farm near Aguadulce, probably as another sign of "El Niño" event this year. The fur seal travelled to Naos with members of ANCON's *Línea Verde*, asking STRI to keep her, where she was welcomed. Worried about the seal's health, now called "Naos", Argelis Ruiz-Guevara contacted a local vet, Carmen Solís, and international colleagues. In return, Sea World called Ruiz-Guevara and sent Loren Fish to Panama on June 22, to help out. Inappropriate levels of bacteria found at the Marine Labs pool made it necessary to move "Naos" to one of the Culebra air conditioned bunkers. Now, in a better environment and with proper food, Ruiz-Guevara is stabilizing "Naos" so she can go back home. For more information, please call Argelis Ruiz-Guevara, at the STRI Office of Education at Tupper •• *Una loba marina, visitante de Galápagos, fue encontrada en una camaronera cerca de Aguadulce, probablemente como resultado del fenómeno de "El Niño", que experimentamos este año. La extraña visitante viajó a Naos con miembros de "Línea Verde" de ANCON, pidiendo refugio en STRI, donde fue bienvenida. Preocupada por su salud, Argelis Ruiz-Guevara se puso en contacto con Carmen Solís, veterinaria de la localidad y colegas internacionales. Sorpresivamente, Sea World llamó a Ruiz-Guevara interesados en la loba marina, y mandaron a Loren Fish, para ayudar. Niveles no apropiados de bacterias que se encontraron en la piscina del Laboratorio Marino hicieron necesario movilizar a la recién bautizada "Naos" a uno de los bunkers con aire acondicionado de Culebra. Ahora, en un mejor ambiente y comida apropiada, Ruiz-Guevara está logrando estabilizar a "Naos" para que pueda volver a casa. Para mayor información, llame a Argelis Ruiz-Guevara en la Oficina de Educación de STRI, en Tupper.*

## NEW STRI PUBLICATIONS

- Binford, Michael W., Kolata, Alan P., Brenner, Mark, Janusek, John W., Seddon, Matthew T., Abbott, Mark and Curtis, Jason H. 1997. "Climate Variation and Rise and Fall of an Andean Civilization." *Quaternary Research* 47(2): 235-248.
- Clifton, Kenneth. 1997. "Mass Spawning by Green Algae on Coral Reefs." *Science* 275: 1116-1118.
- Collins, Laurel S., Coates, Anthony G., Berggren, William A., Aubry, Marie-Pierre, and Zhang, Jijun. 1996. "The Late Miocene Panama Isthmian Strait." *Geology* 24(8): 687-690.
- Chai, Peng and Dudley, Robert. 1996. "Limits to Flight Energetics of Hummingbirds Hovering in Hypodense and Hypoxic Gas Mixtures." *The Journal of Experimental Biology* 199: 2285-2295.
- Condit, Richard. 1997. "Cambios en un Bosque Tropical con un Clima Variable: Resultados de los Censos Realizados en la Parcela de 50 Hectáreas en la Isla de Barro Colorado en Panamá." In: *Estudios Sobre Diversidad y Ecología de Plantas*: 231-240, edited by R. Valencia and H. Balslev. Quito, Ecuador: Pontificia Universidad Católica del Ecuador.
- Cooke, Richard G., Norr, Lynette, and Piperno, Dolores R. 1996. "Native Americans and the Panamanian Landscape." In: *Case Studies in Environmental Archaeology*: 103-126, edited by Elizabeth J. Reitz, Lee A. Newsom, and Sylvia J. Scudder. New York: Plenum Press.
- Fangliang, He, Pierre, Legendre and LaFrankie, James V. 1997. "Distribution Patterns of Tree Species in a Malaysian Tropical Rain Forest." *Journal of Vegetation Science* 8: 105-114.
- Gómez Raboteaux, Nadilia Nadina. 1997. Variación Foliar de *Zamia fairchildiana* L.D. Gómez (Zamiaceae, en el Sendero Natural "El Cantar" del Parque Nacional Chagres. Thesis. Panamá: Universidad de Panamá.
- Jennions, Michael D. 1997. "Female Promiscuity and Genetic Incompatibility." *Trends in Ecology and Evolution* 12(7): 251-253.
- Pandolfi, John M. and Greenstein, B.J. 1997. "Taphonomic Alteration of Reef Corals: Effects of Reef Environment and Coral Growth form I: The Great Barrier Reef." *Palaeo* 12: 27-42.
- Romoleroux, Katya, Foster, Robin, Valencia, Renato, Condit, Richard, Balslev, Henrik, and Losos, Elizabeth. 1997. "Arboles y Arbustos (dap  $\geq$  1 cm) Encontrados en Dos Hectáreas de un Bosque de la Amazonía Ecuatoriana." In: *Estudios Sobre Biodiversidad y Ecología de Plantas*: 189-215, edited by R. Valencia and H. Balslev. Quito: Pontificia Universidad Católica del Ecuador.
- Wills, Christopher, Condit, Richard, Foster, Robin B. and Hubbell, Stephen P. 1997. "Strong Density- and Diversity-Related Effects Help to Maintain Tree Species Diversity in a Neotropical Forest." *Proceedings of the National Academy of Sciences* 94(Feb): 1252-1257
- Zotz, Gerhard, Meyer, A., Zellner, H., and Lange, O. 1997. "Water Relations and CO<sub>2</sub> Exchange of Tropical Bryophytes in a Lower Montane Rainforest in Panama." *Botanica Acta* 110: 9-17.