

# STRI news

May 10, 1996

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

## TUPPER CENTER SEMINARS

No Tupper Center seminar scheduled for Tuesday, May 14. If you wish to give a seminar, please contact Neal Smith, Tupper Center, ext. 300.



## NAOS LAB LUNCHEON

Friday, May 10, Naos Laboratories Luncheon seminar speaker will be Michael McCartney, Scripps Institute of Oceanography

*How Reproductive Isolation Evolves  
in Sea Urchins: Cellular and Molecular Studies*

## PEOPLE

### Arrivals

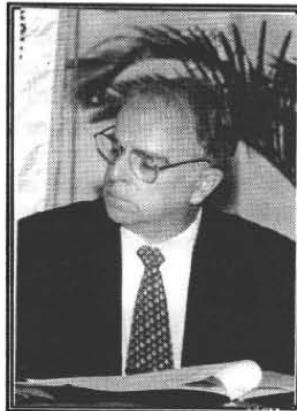
- Martin Wilkelski and Michaela Hau, University of Washington, May 13-15 Jul, to study the physiological mechanisms of seasonability in tropical birds, at BCI.
- Margit Kapfer, University of Vienna, to assist A. Stanley Rand in his *Physalaemus* frog project, in Gamboa.
- Nikole Kime, University of Wisconsin, to assist A. Stanley Rand and Michael Ryan, at Gamboa.
- Steve Lingafelter, University of Kansas, May 15-3 Jun, to conduct a generic revision on the tribe *Elaphidionini* (Coleoptera: Carambycidae), in Gamboa.
- Ola Fincke, University of Oklahoma, May 17-5 Jun, to work on the effects of male and female behavior of offspring survivorship in a tree-hole breeding damselfly, on BCI.

### Departures

- Héctor Guzmán, May 10-14, to Cayos Cochinos, Honduras, on official business.
- Ira Rubinoff, May 12-17, to Princeton and Washington D.C., on official business.
- Anthony Coates, May 13-8 Jun, to Washington D.C., on official business at SI, and on vacation.
- Nancy Knowlton, May 14-24, to Asilemar, California, to attend the conference "Endless Forms: Species and Speciation."

### Our Condolences

To Richard Cooke and Illicena Tapia, for the death of his brother Paul, on May 7th.



### New Honor

Director Ira Rubinoff was recently selected as fellow of the American Academy of Arts and Sciences. Rubinoff received this honor as a recognition for his contributions to tropical research and conservation. Founded in 1780, the American Academy of Arts and Sciences is a learned society to honor achievements in science, scholarship, the arts and public affairs. Its membership totals about 3350 fellows and 570 foreign honorary members.

## THINGS YOU SHOULD KNOW

**New Position at STRI \*\*\* Nueva Posición en STRI**  
The Office of Human Resources will be receiving applications for the position of "Electronic Imaging Specialist" until May 15, 1996. The requirements are: a comprehensive knowledge of computers, computer operating systems and software used for digital imaging (DOS, Windows, Macintosh and Silicon Graphics machines) knowledge of computer networking and the hardware involved in the process of electronic imaging. The position requires skill in photograph layout, typography and color theory. Bilingual ability (English and Spanish) is desirable. Interested please send curriculum vitae with references to: The Office of Human Resources, STRI, Box 3353, Balboa, Ancon, Republic of Panama  
\*\*\* La Oficina de Recursos Humanos en STRI recibirá aplicaciones para la posición de "Especialista de Imágenes Electrónicas" hasta el 15 de mayo. Los requisitos necesarios para la posición son el total conocimiento en el manejo de computadoras, sistemas operativos y programas relacionados con imágenes digitales (DOS, Windows, Macintosh y máquinas de gráficas de silicón). También son necesarios los conocimientos sobre redes computacionales e instrumentos necesarios en el proceso de imágenes electrónicas. La posición también requiere habilidad en diagramación fotográfica, tipografía y teoría sobre colores. Candidatos bilingües (español e inglés) tendrán preferencia. Los interesados deberán enviar su hoja de vida a la Oficina de Recursos Humanos, STRI, Apartado Postal 3353, Balboa, Ancón, República de Panamá.

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## PROGRAMA PULICO

El Octavo Simposio Internacional de Arrecifes Coralinos que se llevará a cabo del 23 al 29 de junio en el Centro de Convenciones ATLAPA invita a todos los interesados a las sesiones abiertas:

- Visitas guiadas a escolares y a otros grupos a la Exhibición de nuestros arrecifes unidos por el Caribe.
- Conferencias magistrales por especialistas en la especialidad de arrecifes coralinos.

## AT THE OFFICE OF EDUCATION

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You may find opportunities for fellowships, training programs, congresses, etc. that are too long to publish.

- SI/MAB Biodiversity Program Certification Training: Biodiversity Monitoring at Permanent Plots: In-residence Certificating Training, 9-20 September 1996
- Harvard University 1996 Training Workshop on Environmental Economics and Policy Analysis.
- VI Latinoamericano Congreso de Entomología: XXXI Nacional Gira Turística Post/Congreso/Mérida-Chichen Cancún.
- Taller de Ecología y Protección del Medio Ambiente "Naturamigos '96: Innovadora en Eventos de Naturaleza.
- Course Summary Ecology of Amazonian Rain Forest
- Manejo de Areas Silvestres y Areas Protegidas, en la Universidad Estatal de Colorado, en español.
- Centro para la Investigación en Sistemas Sostenibles de Producción Agropecuaria.

## NEW STRI PUBLICATIONS

Gupta, M.P., Monge, A., Karakas, G.A., Lopez de Cerain, A., Solis, P.N., de Leon, E., Trujillo, M., Suarez, O., Wilson, F., Montenegro, G., Noriega, Y., Santana, A.I., Correa, Mireya and Sanchez, V. 1996. "Screening of Panamanian Medicinal Plants for Brine Shrimp Toxicity, Crown Gall Tumor Inhibition, Cytotoxicity and DNA Intercalation." *International Journal of Pharmacognosy* 34(1): 19-27.

Jorge, Lucia E. and Arias, Tomás D. 1995. "La Biodiversidad Humana y sus Efectos Sobre la Variabilidad Farmacológica: Enzimas CYP2D6 y NAT2 en Poblaciones Amerindias de Panamá, Colombia y Costa Rica." *Revista Médica d Panamá* 20(3): 98-107.

- Kohno, Haruichi, Kubo, Hiroaki, Takada, Atsushi, Mori, Masashi and Arias, Tomás D. 1996. "Isoniazid Acetylation Phenotyping in the Japanese: The Molar Metabolic Ratio INH/AcINH." *American Journal of Therapeutics* 3: 74-78.
- Lovelock, Catherine and Winter, Klaus. 1996. "Oxygen-Dependent Electron Transport and Protection from Photoinhibition in Leaves of Tropical Tree Species." *Planta* 198: 580-587.
- Pandolfi, John M. and Minchin, Peter R. 1995. "A Comparison of Taxonomic Composition and Diversity Between Reef Coral Life and Death Assemblages in Madang Lagoon, Papua New Guinea." *Palaeo* 119:321-341.
- Pérez, Rolando, Condit, Richard, Aguilar, Salomón, Hernández, Andrés and Villareal, Ana. 1996. "Inventario de la Vegetación de la Isla de Coiba: Composición y Florística." *Revista de Biología Tropical* 44(1): 31-40.
- Phillips, Kim A. 1995. "Differing Responses to a Predator (*Eira barbata*) by *Allouatta* and *Cebus*." *Neotropical Primates* 3: 45-46.
- Phillips, Kim A. 1995. "Resource Patch Size and Flexible Foraging in White Faced Capuchins (*Cebus capuchinus*)."  
*International Journal of Primatology* 16(3): 509-519.
- Roisin, Yves. 1995. "Humivorous Nasute Termites (Isoptera: Nasutitermitinae) from the Panama Canal Area." *Journal of Zoology* 125: 283-300.
- Rowan, Rob, Whitney, Spencer W., Fowler, Amanda and David Yellowles. 1996. "Rubisco in Marine Symbiotic dinoflagellates: Form II Enzymes in Eukaryotic Oxygenic Phototrops Encoded by a Nuclear Multigene Family." *The Plant Cell* 8: 539-553.

