

STRI newsletter

December 16, 1994

SMITHSONIAN TROPICAL RESEARCH INSTITUTE - Apartado 2072, Balboa, Panamá

No. 45

TUPPER CENTER SEMINARS

No noon seminar scheduled for Tuesday, December 20.

PEOPLE

Arrivals

- Jacalyn Giacalone and Greg Willis, Upsala College, New Jersey, Dec 20-17 Jan, to continue ESP project on the mammalian population fluctuations in relation to fruit crop, on BCI.
- Deedra McClearn and Luis Padilla, Cornell University, Dec 22-19 Jan, to continue the survey of mammal communities at three forested sites in the BCNM.

New Baby ••• *Recién Nacido*

Congratulations to José Espino, STRI Diving Officer and Nelva de Espino, for the birth of their son Juan Carlos, on Thu, Dec 8. He weighed 7lbs ••• *Muchas felicidades a José Espino, director de buceo, y a Nelva de Espino, for el nacimiento de su hijo Juan Carlos, de 7 lbs, el jueves 8 de diciembre.*

Congratulations

To Nancy Knowlton for being elected as a Council Delegate of the Electorate of the Section on Biological Sciences, at the American Association for the Advancement of Science. Her term begins on February 22, 1995 and will extend through February 17, 1998.

On Leave

Oris Acevedo will be on annual leave from Tue, Dec 20 to Mon, Jan 9. All arrangements with BCI must be coordinated with Vielka Rodríguez or Daniel Millán.

Obituary

Tina Lesnik, 46, former STRI Librarian from June through December 1989, died instantly in a tragic car accident on Sunday, September 11, at Buena Vista, Colorado.



Los Caciques y otras autoridades del Congreso General Kuna visitaron STRI el miércoles 7 de diciembre. Durante su visita, se conversó sobre la integración del Nuevo Cacique Julián González, y otros temas de interés para la Comunidad Kuna y para el programa de investigación de STRI en San Blas. En la foto del grupo aparecen las autoridades de STRI que participaron en la reunión, y los visitantes de Kuna Yala, en los alrededores del Centro Tupper.

(Foto: M.A. Guerra)

THINGS YOU SHOULD KNOW

From the Visitor Services Office

The census of the 50 hectares plot on BCI will start on Sunday, January 1, 1995, and is expected to end in December 1995. During this time, there will be a large number of local assistants commuting to BCI on weekdays. Because of limitation in the capacity of the launch (*Jacana*) we have had to make changes in our Visiting Policy, as follows: 1) The Regular Tuesday Visitors' Tours have been changed to Sundays. On Sundays, therefore, we will be having one guided tour group of no more than 15 persons. On Sundays we will also be able to schedule no more than 2 "guest" groups. These "guest" groups will allow STRI employees to take their friends and relatives to visit BCI. Each of these groups must be scheduled in advance, through the VSO, on a first-come, first-serve basis. Each group is limited to five persons, including the host/hostess who must accompany the group and be its guide. These groups cannot be attached to the Regular Visitors Tour. Whenever possible, we will also schedule "guest" groups on STRI Holidays, when there will be more space on the *Jacana*. 2) On Saturdays we will continue to have two Regular Visitor Tours, of no more than 15 persons

REMEMBER TO BRING PARTY'S TICKET 1 RECUERDE EL BOLETO DE LA FIESTA

15 persons each. No other visitors will be scheduled on Saturdays. 3) STRI employees may request spaces on the Regular Visitors Tours, as well, and will be accommodated when space is available. 4) Visitors can not be scheduled on weekdays. The few remaining empty seats on the *Jacana* must be kept available for STRI staff and visitors that need to go to BCI to do research or on official business. These visits should be coordinated, in advance, with Daniel Millán, to ascertain availability of space on the *Jacana* for that specific date. Failure to do so may mean someone being left at the dock due to lack of a seat. *Note: Launch operators have strict instructions not to leave the dock with more people than the vessel is licensed to carry.* 5) VIP and Special Visits must be coordinated by the Protocol Office, in coordination with the VSO. Such visits may require special boat runs.

We know that these limitations may mean postponing or rescheduling of plans, but we would greatly appreciate everyone's cooperation with these new procedures.

At the STRI Library

Both Saturday Dec 24 and Dec 31, the Library will be closed to allow its personnel to enjoy the Christmas and New Year's long week-ends.

At the Tupper Center

- Tue, Dec 20 ■ Dobbo Yala Meeting, Small Meeting Room, 8am
 ■ Briefing to U.S. Embassy Official Visitors, Auditorium, 8:30am.
 Wed, Dec 21 ■ Administration Manager's Meeting, Large Meeting Room, 2pm

Imágenes Contra El Sida

The exhibit *Imágenes Contra El Sida* will re-open to the public on Tue, Dec 20, everyday from 1-5pm, until the end of January. Everybody is welcomed ••• *La exhibición "Imágenes Contra El Sida reabrirá al público el martes 20 de diciembre, todos los días de 1-5 de la tarde, hasta finales de enero. Todos están invitados a visitarla.*

At the Culebra Marine Reserve

- Wed, Dec 21 Ciudad del Niño
 Thu, Dec 22 Ciudad del Niño
 Fri, Dec 23 Colegio Mariano Prado, Natá

At Barro Colorado Island Station

- Sat, Dec 17 Visitors from Panama, U.S. and Europe
 Sun, Dec 18 Instituto Técnico Don Bosco
 There will be no visitors scheduled for Saturday December 24 and Sunday, December 25.

NEW STRI PUBLICATIONS

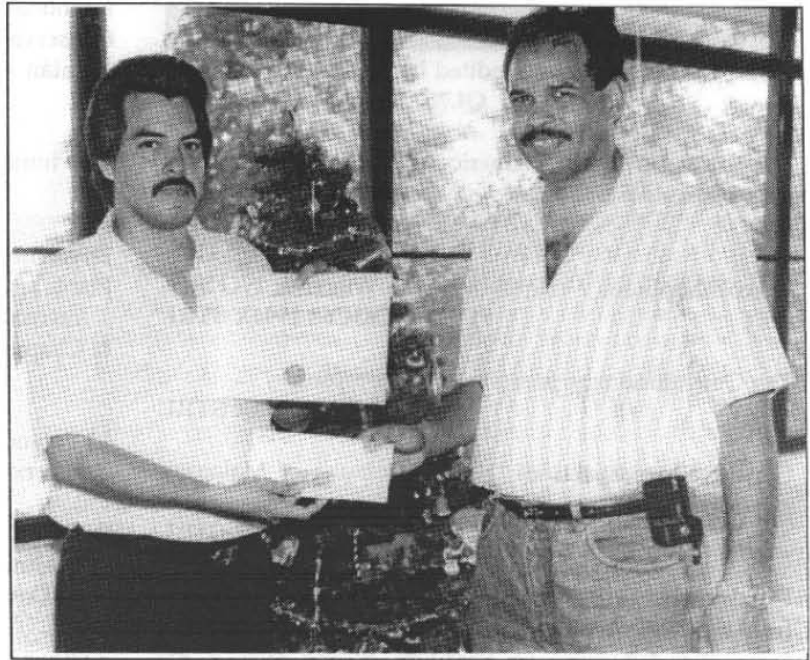
- Araus, José L. and Hogan, Kevin P. 1994. "Leaf Structure and Patterns of Photoinhibition in Two Neotropical Palms in Clearings and Forest Understory During the Dry Season." *American Journal of Botany* 81(6): 726-738.
- Baur, Bernhard, Fischer, Karsten, Winter, Klaus and Dietz, Karl-Josef. 1994. "cDNA Sequence of a Protein Kinase from the Inducible Crassulacean Acid Metabolism Plant *Mesembryanthemum crystallinum* L., Encoding a SNF-1 Homolog." *Plant Physiologist* 106: 1225-1226.
- Christy, John H. and Schober, Ursula M. 1994. "A Test for Resource-Defense Mating in the Fiddler Crab *Uca beebei*." *Animal Behavior* 48: 795-802.
- Colinvaux, Paul. 1994. "Rarity, by K.L. Gaston" [Book Review]. 1994. *Nature* 371(6499): 666.
- Craig, Catherine L. and Ebert, K. 1994. "Colour and Pattern in Predator-Prey Interactions —The Bright Body Colours and Patterns of a Tropical Orbweaving Spider Attract Flower-Seeking Prey." *Functional Ecology* 8(5): 616-620.
- Dudley, Robert. 1994. "Aerodynamics of Insect Dispersal and the Constraint of Body Size. In: *Proceedings of the 13th International Biometeorology Congress: Part 2, 3: 1035-1041*, edited by A.R. Maarouf, N.N. Barthakur and W.O. Haufe). Downsview: Environment Canada.
- Eberhard, William G. and Pereira, F. 1993. "Functions of the Male Genitalia *Surstyli* in the Mediterranean Fruit Fly, *Ceratitis capitata* (Diptera, Tephritidae)." *Journal of the Kansas Entomological Society* 66(4): 427-433.
- Lange, O.L., Budel, B., Zellner, H., Zotz, Gerhard and Meyer, A. 1994. "Field Measurements of Water Relations and CO₂ Exchange of the Tropical, Cyanobacterial Basidiolichen *Dictyonema glabratum* in a Panamanian Rainforest." *Botanica Acta* 107(5): 279-290.
- Kalko, Elisabeth K.V. and Handley, Jr., Charles O. 1994. "Evolution, Biogeography, and Description of a New Species of Fruit-Eating Bat, Genus *Artibeus* Leach (1821), from Panamá." *Zeitschrift für Säugetierkunde [International Journal of Mammalian Biology]* 59: 257-273.
- Pratt, Stephen C. 1994. "Ecology and Behavior of *Gnamptogenys horni* (Formicidae: Ponerinae)." *Insect Societies* 41: 255-262.
- Salazar-Allen, Noris. 1994. "*Syrrophodon simmondsii* New to Panama and Central America." *The Bryologist* 97(3): 325.
- Winter, Klaus and Engelbrecht, Bettina. 1994. "Short-Term CO₂ Responses of Light and Dark CO₂ Fixation in the Crassulacean Acid Metabolism Plant *Kalanchoë pinnata*." *Journal of Plant Physiology* 144: 462-467.
- Zeh, Jeanne A. and Zeh, David W. 1994. "Last-Male Sperm Precedence Breaks Down When Females Mate with Three Males." *Proceedings of the Royal Society of London* 257: 287-292.

OPPORTUNITIES

From the Editor ••• Del Editor

The STRI Office of Fellowships and Education receives a variety of ads of job opportunities, congresses, courses and new programs, to be published in the *STRI Newsletter*. A number of these ads cannot be published due to lack of space, since STRI news have priority. Please feel free to stop by the office and read the following announcements ••• *La Oficina de Becas y Educación de STRI recibe una variedad de anuncios sobre oportunidades de trabajo, congresos, cursos y nuevos programas. Un número de estos anuncios no se publican nunca por falta de espacio, ya que todas las noticias de STRI tienen prioridad. Los interesados pueden visitar la oficina en búsqueda de información sobre las siguientes oportunidades:*

- Programa Regional en Manejo de Vida Silvestre para Mesoamérica y el Caribe en la Universidad Nacional de Costa Rica
- Post-Doctoral Botany Position
- Executive Director Position at the South Florida Science Museum
- Research Fellowships from the International Food Policy Research Institute
- Doctoral Fellowship at the Lizard Island Research Station
- Curso Diplomado Internacional de Ecología y Manejo de Estuarios Tropicales en Campeche, México
- Announcement of a New Biological Station in Monteverde, Costa Rica
- VI Congreso Latinoamericano de Ciencias del Mar
- Programa de Maestría en Ciencias en Recursos Naturales y Desarrollo Rural en el Centro de Investigaciones Ecológicas del Sureste, en México
- Training course of the *Modern Techniques in the Identification of Bacteria and Filamentous Fungi*
- International course on the *Identification of Fungi of Agricultural Importance*
- XVII Curso Internacional de Areas Protegidas, del CATIE
- VI Congreso Científico Agropecuario de la Universidad de Panamá
- UBD Research Fellowship Scheme



Daniel Millán, (right) presented Guillermo Caballero a "Spot Cash Award" last this week, for Personal Recognition for Ingenuity, Drive and Excellence (PRIDE award) for his extraordinary efforts at the kitchen of BCI during the month of November ••• Daniel Millán (derecha) entregó a Guillermo Caballero un "Premio en Efectivo al Instante" esta semana, en reconocimiento por su ingenio, disposición y excelencia ("PRIDE award") por sus extraordinarios esfuerzos en la cocina de BCI durante el mes de Noviembre.

(Foto: A. Montaner)

OPENING FOR A FORESTRY ECONOMIST

The Harvard Institute for International Development (HIID) of Harvard University and the STRI's Center for Tropical Forest Science (CTFS) announce the opening of a position for a Forestry Economist to design and carry out socioeconomic and policy research on issues of tropical forest valuation and management. The position is based at the HIID in Cambridge, MA, but it involves considerable travel (three-four months a year) to CTFS research sites in Latin America, Asia, and Africa, and close collaboration with both HIID resource economists and CTFS natural scientists. The HIID/CTFS position is for an initial period of 3 years with prospects for renewal depending on performance. **Qualifications:** Ph.D. in Forestry Economics or Resource Economics or other areas of economics such as Agricultural Economics with prior experience in forestry economics research. Working knowledge of non-market valuations methods is essential. The main working language is English, but working knowledge of Spanish or French is an advantage. The successful candidate will have strong research skills, keen interest in international development and in tropical forests, and the ability to work as part of a team from different disciplines and cultures. For more information, please visit the STRI Office of Education, at the Tupper Center.

NEW STRI BOOKLIST

Aotus: the owl monkey / edited by JF Baer et al.

QL737.P925A94 1994X STRI.

The Birds of South America, Vol.II. The suboscine passerines / RS Ridgely & Guy Tudor.

QL689.A1R53 1989X v.2 STRI.

Coccolithophores / edited by Amos Winter & WG Sieser.

QK569.C63C63 1994X STRI.

The Coevolutionary process / JN Thompson.

QH372.T48 1994X STRI.

Conservation aspects of the herpetofauna of Malagasy rain forests / Franco Andreone.

QL662.M28A54 1991 STRI.

Coral records of ocean-atmosphere variability [Report from the Workshop on Coral Paleoclimate Reconstruction: November 5-8, 1992: La Parguera, Puerto Rico] / RB Dunbar & JE Cole, organizers.

QC884.2.C5W92 1992 STRI.

The Dictionary of ecology and environmental science / HW Art, general editor.

Ref GE10.D53 1993X STRI.

Ecological genetics / edited LA Real.

QH456.E26 1994X STRI.

Fijian medicinal plants / RC Cambie & J.Ash.

QK99.F55C17 1994 STRI.

Fish ecophysiology / edited by JC Rankin & FB Jensen.

QL639.1.F553 1993X STRI.

History and society in Central America / Edleberto Torre Rivas.

HC141.T6713 1993X STRI.

Into Africa / Craig Packer.

QL31.P15A3 1994X STRI.

Long-term assessment of the Oil Spill at Bahia Las Minas, Panama, synthesis report, vol.I: executive summary & vol.II: technical report, Part 2 / BD Keller & JBC Jackson, eds.

Ref TD196.P4L85 1993 STRI.

Management of endangered plants / SC Cropper.

QK86.A8C94 1993 STRI.

Memorias del IV Taller Regional Sobre Programas de Conservación de Tortugas Marinas en la Península de Yucatán / editado por J.Frazier.

QL666.C536T14 1993 STRI.

One hundred and one botanists / Duane Isely.

QK26.I75 1994X STRI.

Phytochemical dictionary of the Leguminosae, vol.1: Plants and their constituents; vol.2: Chemical constituents / International Legume Database & Information Service & Chapman & Hall Chemical Database.

Ref QK495.L52P57 1994 STRI.

El Potencial de manejo de los bosques húmedos secundarios neotropicales de las tierras bajas / B.Finegan.

SD247.F49 1992 STRI.

Procedimiento de gestión para el desarrollo sustentable / Axel Dourojeanni.

S185.D72 1993 STRI.

Sedimentary petrology, origin and mining history of the phosphate rocks of Klein Curacao, Curacao and Aruba, Netherlands West Indies / Pieter Stienstra.

QE471.15.P48S85 1991 STRI.

Tracking the vanishing frogs: an ecological mystery / Kathryn Phillips.

QL668.E2P53 1994X STRI.

Coffee Club Naos

Invita a su *Tradicional Fiesta Navideña* a todos los miembros de la comunidad de STRI en los Laboratorios de Isla Naos el viernes 23 de diciembre, a partir de las 4 de la tarde.

Caballeros \$6 • Damas \$4

All STRI community is invited to the *Traditional Christmas Party* at the Naos Island Laboratories on Friday, December 23, beginning at 4 p.m.

Men \$6 • Ladies \$4

Reservaciones con Juan Carlos Roqueiro, Taller
For reservations, contact Juan Carlos Roqueiro, Shop