

STRI news

November 8, 1996

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

TUPPER CENTER SEMINARS

Tuesday, November 12, noon seminar speaker will be Egbert G. Leigh, STRI
What Use is Mathematics for Biology?: The Problem of Spatial Heterogeneity

BAMBI SEMINAR

Thu, Nov 14, Bambi seminar speaker will be Lissy Coley, University of Utah
Baby Leaves and Bioprospecting
Transportation and dinner reservations are essential. Please call BCI at 272-2124.

PEOPLE

Arrivals

- Tugrul Giray, post-doctoral fellow from the University of Chicago, Nov 10-30 Oct '97, to study the origins of endocrine regulation of eusocial behavior in communal orchid bees, in Gamboa.
- Heinrich Krause, University of Dusseldorf, Nov 10-8 Dec, to study the photoinhibition of photosynthesis in leaves of tropical plants, at Tupper.
- Claudia Schmude, University of Dusseldorf, Nov 10-8 Dec, to work with Heinrich Krause, at Tupper.
- Lisa Petit, Smithsonian Migratory Bird Center, Nov 11-23, to study the impacts of land use on neotropical migratory birds wintering in Panama; and the stability of tropical forests and tropical forest fauna on military installations of the Panama Canal area.
- Scott Comings, Beth Gratchel and Alan William, Nov 11-1 Apr '97, to work with Lisa Petit in the study of the impacts of land use on neotropical migratory birds wintering in Panama, on the mainland.
- Kathryn Warner, Nov 11-1 Apr '97, to work with Lisa Petit in the study of the stability of tropical forests and tropical forest fauna on military installations of the Panama Canal area.



Andrew Roberts (University of Newcastle, U.K.), short-term fellow at STRI's Plant Physiology Program, measures on-line stable carbon isotope discrimination during photosynthesis of tropical plants, at the Tupper Center, on Friday, November 8 ••• Andrew Roberts, becario a corto plazo proveniente de la Universidad de Newcastle, U.K., del programa de Fisiología Vegetal de STRI, mide la discriminación de isótopos estables de carbono durante la fotosíntesis en plantas tropicales, en el Centro Tupper, el viernes 8 de noviembre

(Foto: M.A. Guerra)

NEW STRI PUBLICATIONS

- Colinvaux, Paul. 1996. "Quaternary Environmental History and Forest Diversity in the Neotropics." In: *Evolution and Environment in Tropical America*: 359-406, edited by J.B.C. Jackson, A.F. Budd and A.G. Coates. Chicago: The University of Chicago Press.
- Collins, Timothy. 1996. "Molecular Comparisons of Transisthmian species Pairs: Rates and Patterns of Evolution." In: *Evolution and Environment in Tropical America*: 303-334, edited by J.B.C. Jackson, A.F. Budd and A.G. Coates. Chicago: The University of Chicago Press.
- Cheetham, Alan H. and Jackson, Jeremy B.C. 1996. "Speciation, Extinction, and the Decline of Arborescent Growth in Neogene and Quaternary Cheilostome Bryozoa of Tropical America. In: *Evolution and Environment in Tropical America*: 205-233, edited by J.B.C.

Jackson, A.F. Budd and A.G. Coates. Chicago: The University of Chicago Press.

Dudley, Robert and Chai, Peng. 1996. "Animal Flight Mechanics in Physically Variable Gas Mixtures." *The Journal of Experimental Biology* 199: 1881-1885.

Jackson, Jeremy B.C., Jung, Peter and Fortunato, Helena. 1996. "Paciphilia Revisited: Transisthmian Evolution of the *Strombina* Group (Gastropoda: Columbelloidea)." In: *Evolution and Environment in Tropical America: 234-270*, edited by J.B.C. Jackson, A.F. Budd and A.G. Coates. Chicago: The University of Chicago Press.

MISCELLANEOUS

Telethon for Needy Children

Teletón por los Niños Necesitados

This year's "Club 20-30" telethon's contributions will be in the benefit of needy children for the construction of a hospital next to Hospital del Niño for specialized ambulatory services. All STRI employees and members of the STRI community are invited to contribute together. There is no minimum requested. Angel Aguirre, at the Library will accept cash or checks written in the name of "Teletón 20-30" before December. This contribution will be presented to the Telethon in the name of the STRI community members. Private donations must be channelled through other members of "Club 20-30" ••• *Las contribuciones del Teletón del Club 20-30 de este año serán en beneficio de los niños necesitados, para la construcción de un hospital anexo al Hospital del Niño con servicios de consulta externa especializada. Los empleados de STRI y miembros de la comunidad de STRI están invitados a contribuir juntos, en una sola cuenta. No hay una cantidad mínima para poder contribuir. Angel Aguirre, en la Biblioteca, recibirá dinero en efectivo o cheques*

en nombre de "Teletón 20-30" antes de diciembre. La contribución se hará en nombre de los miembros de la comunidad de STRI en la teletón. Las donaciones privadas deberán canalizarse a través de otros miembros del Club 20-30.

INTERNATIONAL LONG-TERM ECOLOGICAL RESEARCH WORKSHOP AT STRI

STRI and the Organization for Tropical Studies in Costa Rica will sponsor the International Long-Term Ecological Research (ILTER) program workshop at the Tupper Center in Panama from Monday, November 11, through Thursday, November 14, and in Costa Rica, on Friday, November 15. The objectives of the ILTER Workshop are to explore possible links between the LTER program and ongoing long-term ecological research in the region. To this end, ILTER is prepared to assist regional programs with data base management and facilitate funding for regional programs. The meetings will encourage the development of long term research efforts in a country; focus on research sites; encourage networking among the sites within a country to enhance collaboration and more interdisciplinary efforts; and encourage countries within a region to work together towards a regional network of long term research sites. Forty five scientists from all over the world will participate at the workshop.

ANNOUNCEMENTS

Christmas Sale ••• *Baratillo de Navidad*

The STRI Mini-bookstore will have its traditional Christmas Sale from November 29 through December 6th. Don't miss it! ••• *La Mini-Librería de STRI tendrá su tradicional baratillo de Navidad desde el 29 de noviembre hasta el 6 de diciembre. No se lo pierda!*



"See, Frank? Keep the light in their eyes and you can bag them without any trouble at all."