

STRI news

November 25, 1996

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Restoring of the Ancon Laboratories on Gorgas Street is scheduled to be completed next month to house the staff, offices and laboratories of the STRI's Center for Palaeoecology and Archaeology, established in 1992 ••• La remodelación de los Laboratorios de Ancón finalizará el mes próximo, con el fin de acomodar el personal, oficinas y laboratorios del Centro de Paleocología y Arqueología de STRI, establecido en 1992. (M.A. Guerra)

TUPPER CENTER SEMINARS

Tue, Nov 26, noon seminar speaker will be H. Frederick Nijhout, Department of Zoology, Duke University
Windows of Opportunity: Hormones, Growth, and the Specification of Forms in Insects

Abstract

Many species of insects can develop two or more distinctly different adult phenotypes, depending on signals received from the environment. The development of these alternative phenotypes (polyphenism) is controlled by hormones that act during discrete critical periods and effect switches in developmental pathways. This endocrine switching mechanism allows genetically identical insects to develop into specialized larval or adult forms that possess adaptations for different environments, or, as in the case of ants, for different social tasks. Among the developmental process affected by this endocrine switching mechanism is the growth rate of imaginal disks. Interactions among imaginal disks with different growth programs results in the complex scaling relationships among body parts found in many holometabolous insects and may provide the preadaptation necessary for the evolution of specialized life styles.

SPECIAL BAMBI SEMINAR

This week's Bambi seminar will be on Wednesday, Nov 27, at 7:30pm. It will be given by Bill Eberhard, STRI

Sex, Flies and Videotapes

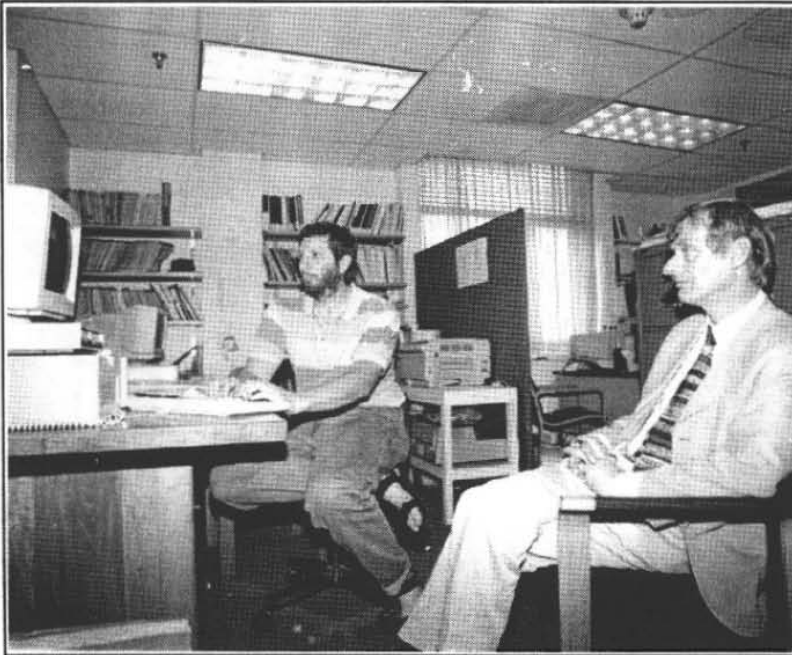
Transportation and dinner reservations are essential. Please call BCI at 272-2124.

CHARLA SMITHSONIAN DEL MES

This month's "Charla Smithsonian del Mes" will be presented by Helena Fotrunato at the Salón las Oropéndolas in the Metropolitan Park, on Wednesday, November 27, at 7:30pm ••• El Parque Natural Metropolitano y STRI invitan a toda la comunidad a la séptima Charla Smithsonian del Mes, la que será dictada por Helena Fortunato en el Salón Las Oropéndolas, Centro de Visitantes del Parque Metropolitano, el miércoles 27 de noviembre, a las 7:30pm

Los Moluscos y la Historia de Panamá

For more information please call 232-5516 or 232-5552 ••• Para mayor información llame al Parque Metropolitano al 232-5516 ó 232-5552.



Toby Hodkin, Director of the Genetic Diversity Group, IPGRI, received a research briefing by Richard Condit at the CTFs offices in the Tupper Center, during his visit to STRI to explore ways of collaboration in genetic research, on Thursday, November 14. (Foto: M.A. Guerra)

PEOPLE

Double Congratulations

To Andres and Itzel Ramos for the birth of their twin daughters Yohanna Judith and Julianna Itzel, on Tuesday, October 29.

THINGS YOU SHOULD KNOW

New Schedule for BCI Launches ••• Nuevo Horario de Lanchas

Monday through Friday	Leaves BCI	Leaves Gamboa
Launch Jacana	06:30 am	07:15 am
	03:40 pm	05:20 pm
Saturday, Sunday and Holiday		
Launch Las Cruces	06:30 am	08:00 am
	02:30 pm	05:20 pm

NEW STRI PUBLICATIONS

Behling, Herman. 1996. "First Report on New Evidence for the Occurrence of *Podocarpus* Nand Possible Human Presence at the Mouth of the Amazon During the Late Glacial." *Vegetation History and Archaeology* 5: 241-246.

Behling, Herman. 1996. "A High Resolution Holocene Pollen Record from Lago do Pires, SE Brazil: Vegetation, Climate and Fire History." *Journal of Paleolimnology* 14: 253-268.

Colinvaux, Paul A. 1996. "Introduction: Reconstructing the Environment." In: *American Beginnings: The Prehistory and Paleoecology of Beringia*: 13-19, edited by F.H. West. Chicago: The University of Chicago Press.

Colinvaux, Paul A., Liu, K-b, De Oliveira, P.E., Merno, J.E., Miller, M.C. and Bush, Mark B. 1996. "A Long Pollen Record from Lowland Amazonia: Forest and Cooling in Glacial Times." *Science* 274: 85-88.

Condit, Richard, Hubbell, Stephen P. and Foster, Robin B. "Changes in Tree Species Abundance in a Neotropical Forest: Impact of Climate Change." *Journal of Tropical Ecology* 12: 231-256 (1996).

Comper, Mathew E. 1996. "Sociality and Asociality in White-Nosed Coatis (*Nasua narica*): Foraging Costs and Benefits." *Behavioral Ecology* 7(3): 254-263.

Heckadon-Moreno, Stanley. 1996. "Estudios Botánicos y Geológicos de Henri Pittier en Chiriquí en el Verano de 1911." *"Epo-cas" Segunda Era* Noviembre: 2-3.

Kursar, Thomas A., Wright, S. Joseph and Radulovich, R. 1995. "The Effect of Irrigation During the Dry Season on Soil O₂ and Water in a Tropical Moist Forest." *Journal of Tropical Ecology* 11: 497-516.

Moynihan, Martin H. 1996. "Self Awareness in Coleoid Cephalopods." In: *Theories in the Study of Animal Behavior*, edited by N. Thompson and R. Mitchel. Academic Press.

MISCELLANEOUS

For Sale

Nissan Terrano 4x4 1995 (almost new, still on distributor's guarantee). Standard, A/C, full extras, 4 doors. Gasoline. Interested please contact Andres Ramos from BCI, telephone at home 251-1433.