

# STRI news

June 27, 1997

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## TUPPER CENTER SEMINARS

Tuesday, July 1, noon seminar speaker will be John Longino, The Evergreen State College and OTS

### *Catching the Ant Fauna of a Tropical Rainforest*

#### Abstract

The goal of "strict inventory" (as opposed to community characterization) is to obtain species lists for specific sites. Quantitatively structured inventory can improve inventory efficiency (defined as the steepness of species accumulation curves). As part of the Arthropods of La Selva project (ALAS), a structured inventory of the ants of a lowland tropical rainforest was carried out, using Berlese samples, Malaise traps, and canopy fogging. Over 400 species of ants are known from the site, of which the structured inventory captured 253. Analysis of species accumulation curves showed that using multiple sampling methods greatly improved inventory efficiency, while stratification by habitat and host tree (for fogging) did not.

## BAMBI SEMINARS

- Monday, June 30, Bambi seminar speaker will be Frank Haemisch, University of Tubingen, Germany  
*Foraging Behavior, Activity Pattern and Roost Selection of the Frog Eating Bat, *Trachops cirrhosus**
- Thursday, July 3, Bambi seminar speaker will be John Longino, from The Evergreen State College and OTS.

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

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Recently, STRI, Louisiana State University, the University of Pennsylvania, and the SI National Museum of Natural History made a donation of equipment and a database to the University of Panama's Vertebrate Museum. Hugo Tejera (left) the Museum's director, accepts the donation from STRI representatives, accompanied by officials and students from the University ••• Recientemente, STRI, la Universidad del Estado de Luisiana, la Universidad de Pensilvania y el Museo Nacional de Historia Natural del Smithsonian hicieron una donación de equipo y una base de datos al Museo de Vertebrados de la Universidad de Panamá. Hugo Tejera (izquierda), director del Museo, recibe la donación de representantes de STRI, acompañado por autoridades y estudiantes de la Universidad.

(Foto: Cortesía de María Leone)

## PEOPLE

### Arrivals

- John Longino, The Evergreen State College, Jun 28 - July 5, to visit STRI facilities and present seminars.
- Laura Torres, Northeastern University, IL, July 1 - Aug 20, to work with Robin Foster on the demography of explosively dispersed plant species, at BCI.
- Robert Stallard and David Kinner, U.S. Geological Survey, Colorado, July 1-21, to continue with a long term monitoring of biochemical cycles in watersheds on BCI. They will work on the Island and in Gamboa.
- Danny Beath, University of Aberdeen, U.K., July 1 - Sep 23, to study the pollination strategies in Anthurian species on BCI.

- Tanya Wachter, Chicago Field Museum, July 1-31, to work with Robin Foster on the development of an image-base of Barro Colorado plants, at BCI.
- Ola Fincke and Kristen Montegue, University of Oklahoma, July 2-24, to study the effects of male and female behavior of offspring survivorship in a tree-hole breeding damselfly, at BCI.
- Phyllis Coley and Thomas Kursar, University of Utah, July 2-31, to study the deterrence of fungi and herbivores in young leaves with different development patterns, on BCI.
- John Pickering, University of Georgia, July 3-31, to study the diversity and trophic interactions of parasitic wasps (Hymenoptera: Ichneumonoides) at BCI and the OTS in Costa Rica, on a Mellon Research Enhancement Award.
- Gerald Heckel, University of Erian-Nuerenberg, Germany, July 3-9, to work on the population structure of bats, at BCI.
- Matthew Trowbridge, Groton School of Massachusetts, July 4 - Aug 8, to work as volunteer with Allen Herre, at BCI.
- David Zeh and Romaly Esaros, University of Houston, July 4 - Jan 10, to study the polyandry and male variability in a heterogeneous environment, on BCI, Gigante, and Gamboa.
- Jeanne Zeh, University of Houston, July 4 - Jan 10, to study the genetic benefits of polyandry and test the alternatives, in Gamboa.
- Jennifer Johns, Short-term fellow from Rutgers University, July 4 - Aug 31, to study the interactions between plant population size and pollinator activity: consequence for reproductive output and long term viability of three canopy tree species, at BCI.
- Sharon Emerson and Jim Woolf, University of Utah, July 4 - Aug 2, to study the role of hormones in the reproductive biology of hylid frogs, in Gamboa.

**Departures**

- Paul Colinvaux, June 29 - Sep 6, to Woods Hole, MA, on a combined vacation and official business trip.
- Harris Lessios, July 1 - Aug 8, on leave to Greece.
- Annette Aiello, July 1-30, to Connecticut, to attend the meetings of the Lepidopterists Society, and to Washington D.C., to work with colleagues at the SI National Museum of Natural History.
- Steve Paton, July 1 - Aug 5, to the Mpala Ranch Station, Kenya, to help with the development of a physical monitoring program at the station.

**THINGS YOU SHOULD KNOW**

**From the Office of the Executive Officer**

***De la Oficina de la Directora Administrativa***

All STRI employees are invited to attend a general assembly scheduled for Thursday, July 10th, 1997 at 3:30 p.m. at the Tupper 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 el jueves 10 de julio de 1997 a las 3:30pm en el Auditorio del Centro Tupper para un resumen sobre el convenio firmado recientemente entre STRI y la Nación.*

**International Meeting on the Panama Canal**

The University of Panama, the Technological University, USMA, CEASPA, and the City of Knowledge are organizing an International Meeting of Scholars on the Panama Canal, to coincide with the 20th anniversary of the signing of the Torrijos-Carter Panama Canal Treaties. The meeting will be held at the USMA on 4-5 September, 1997. Researchers, professors and graduate students from Europe, Asia, North, Central and South American interested in the future of the Panama Canal, world sea-trade, Panamanian society and the insertion of Panama in the global economy, are invited. The organizers are interested in theoretical and empirical contributions in relation to the globalization and the Panama Canal, the national development, the environment, the security, the democracy and governance, and science and technology and the future of the Canal. Those wishing to present papers should submit abstracts or finished papers to the contact below before July 15, 1997. For more information, please contact Gloria Zelaya.

**STRI July Birthdays**

Juan Campos	3
Orelis Arosemena	4
Harry Barnes	5
Dora Justo	10
Raineldo Urriola	16
Orlando Rodríguez	18
Abdiel Osés	19
Oris Acevedo	22
Andrés Lee	22
Ana Luisa De la Espada	26
Carlos Grael	26
Egbert Leigh	27
María Lorena Cabrera	27
Alejandro Ureña	28
Ricardo Thompson	30
Marek Zdzikot	31
Fernando Caballero	31

