Tuesday, August 2, noon seminar speaker will be STANLEY HECKADON. CATIE.

Environmental Impact of Economic Development in Central America.

Abstract: Central America's economic development has depended on the cultivation of a few primary products for export. Thus, the term used for its economic system: the agro-export states. The expansion of the agricultural sector since World War II has had a severe impact on the region's natural resource base. This environmental degradation is a major factor contributing to the instability in the region.

That same evening at 7:00 p.m., MARY JANE WEST-EBERHARD will give the scientific staff seminar. All visitors and students are invited.

Phenotypic Plasticity and Evolutionary Change.

Abstract: Phenotypic flexibility places a role both in the origin and in the preservation of striking new adaptive traits. Field studies of social insects illustrate principles of adaptive evolution, speciation, and macroevolution that require fundamental change in how most biologists currently view these processes.

NEXT WEEK
Tuesday, August 9, noon seminar speaker will be KAORU KITAJIMA, University of Illinois.

The Seed and Seedling Ecology of Tachigali versicolor, Monocarpic Canopy Tree Species on BCI.

MACARTHUR FOUNDATION AWARD

Dr. Phil DeVries, STRI postdoctoral fellow, was recently awarded a MacArthur Fellowship. These prestigious awards are given each year to "gifted persons recognized for their creative achievements". The awards are for 5 years, with no restrictions as to the use of funds.

ARRIVALS

July 31 - September 30, T. YOON, to assist Michael Ryan with frog studies in Gamboa.

July 30 - October 31, MARTIN BURD, Princeton University, to study sex-limited Batesian mimicry in neotropical butterflies on BCI.

August 1 - November 30, KATIE MILTON, University of California, Berkeley, to continue her studies of howler & spider monkeys on BCI. Also, arriving with her is ELMER CATTS, Washington State University.

August 2 - E. ALLEN HERRE, University of Iowa, to study the biology of nematode parasites in wasps on BCI for one year.

August 4 - 10, HENRY HOWE, University of Iowa, to work on seedling maps of Virola surinamensis on BCI.

DEPARTURES

August 3, HECTOR GUZMAN, Oil Spill Project, to Australia to attend the 6th International Coral Reef Symposium.

FROM THE PERSONNEL OFFICE

MONICA ALVARADO begins August 1st as secretary in the Director's Office. She has an MBA from the University of New Orleans, and worked previously at the US International Trade Center there.

STRI MINI-BOOKSTORE

BCI Nature Trail Guide $3.00
Un Día en la Isla de Barro Colorado $4.00
NEW PUBLICATIONS BY STRI STAFF, FELLOWS & RESEARCH ASSOCIATES


1988 SMITHSONIAN FELLOWSHIP APPOINTMENTS

Senior Postdoc
TAMIJI INOUE - Behavioral Ecology of Highly Eusocial Bees (Apidae).

Postdocs
JACQUELINE BELWOOD - The Role of Tremulation in the Matting Behavior of Neotropical Pseudophylline Katydid.
JEFFREY BRAWN - The Influence of Physical Isolation on Geographic Variation within Selected Bird Species on Panama's Pearl Islands.
TIMOTHY COLLINS - Rates of Molecular Evolution in Gastropods.
LAUREL COLLINS - Effects of Environmental Change on the Shallow-Water Benthic Foraminifera of Panama.
E. ALLEN HERRE - The Biology of Nematode Parasites of Fig Wasps.
NORIS SALAZAR - A Systematic Revision of the Neotropical Species of Moss Octobolepharum.

Predocs
DOUGLAS BRUST - Maternal Brood Care in Strawberry Dart-Poison Frogs.

FELLOWSHIP, INTERNSHIP AND AWARDS INFORMATION

The Manomet Bird Observatory announces their Kathleen Anderson Award for projects in ornithology in the Americas. Deadline is December 1, 1988. (Box 936, Manomet, MA 02345)

Environmental Concern Inc. offers internships in natural resource management related to wetlands, from March - November 1989 and April - September 1989. Application deadline is November 1988. (Box 42, St. Michaels, MD 21663)

The Nature Conservancy Latin America Program has a botanical fellowship available to assist in the compilation and repatriation of Latin American botanical information. The position is for one year and includes travel expenses and salary. Requirements include BS or MS in biology with botanical experience, and must be a citizen of a country that can receive US AID funds. Bilingual in written and spoken English and Spanish. (1815 North Lynn Street, Arlington, VA 22209)

The Nature Conservancy has a position open for a zoologist with experience in systematics and the neotropics. The person would give technical and scientific support to zoologists at the data centers in Latin America. Requirements include 2 years' experience in Latin America and knowledge of English/Spanish.

ENERGY CONSERVATION AT STRI

Staff can help save energy with few efforts such as turning off lights when leaving work area, especially at lunch, and turning off equipment such as computers and lab equipment, when not in use.
Commodities/Vendors List

A commodities' and vendors' list is being created for general use by scientific, administrative and visiting scientists. If you have any suggestions of a vendor's address, telephone, fax number, etc. that could be added to the list, please send them to the Procurement Department attention Mr. Orlando Calderon (Procurement Clerk).

Inventory Reminder

When equipment with an S.I. tag number is moved or loaned amongst STRI staff, remember to inform your facility secretary in writing.

CONSERVATIONIST SNACKS

These purple packages can be found in U.S. supermarkets -- look for them.
PIPELINE ROAD REPAIRS
SOBERANÍA NATIONAL PARK