

SEMINARS

We will not be having a luncheon seminar Tuesday, September 21. Please check your bulletin boards for any last minute notices.

On Thursday, September 23, at 12 noon in the Naos Conference Room, JANZEL R. VILLALAZ, CENTRO DE CIENCIAS DEL MAR, UNIVERSIDAD DE PANAMA, will give a seminar on:

Densidad y población de Corbicula fluminea en Palm Beach County, Florida

ARRIVALS & DEPARTURES

September 17 - Arriving RUSSELL GREENBERG, for one week on BCI in relation to the study on insectivorous birds in collaboration with JUDY GRADWOHL who will be arriving on Sept. 21.

September 18 - Arriving, FAUSTO CEPEDA, from the Charles Darwin Research Station, Ecuador, for a brief visit to STRI facilities.

September 19 - Leaving, HERNANDO LEYTON, on official business to the SI, Washington, D.C. related to STRI Personnel matters.

Arriving, CHRIS PERATINO, Director, and PATRICK STANTON, Assistant Director, SI Audit Office, for a one week visit to STRI.

September 20 - Arriving, DREW HARVELL University of Washington, to collaborate with Ray Highsmith on studies in the Bay of Panama and the Golfo de Chiriquí and to carry out a study on the affect of coral mutualists and morphology on susceptibility by pufferfish and a gastropod supported by a STRI Short-term Fellowship.

September 22 - Leaving, GENE MONTGOMERY, for one month to Manaus, Brazil, to continue research on manatees. He will be returning in one month.

BRUCE MENGE, Oregon State University, arrived yesterday and will be spending one week at STRI in relation to his on-going project on rocky intertidal community ecology.

STAN RAND left for Venezuela to observe progress of the iguana project supported by the Smithsonian International Environmental Sciences Program. He will be returning to STRI September 30.

LIBRARY NEWS

New books received:

-A revised and enlarged edition of the DICTIONARY OF BIOLOGY (English/German/French/Spanish) by Haersch & Habekamp de Antón.

-INSECTS OF AN AMAZON FOREST by Penny & Arias

-MAN, FISHES AND THE AMAZON by Nigel Smith

New Journal: PARQUES NACIONALES (Dirección Nacional de Parques, Santo Domingo República Dominicana).

SEMINAR NOTES

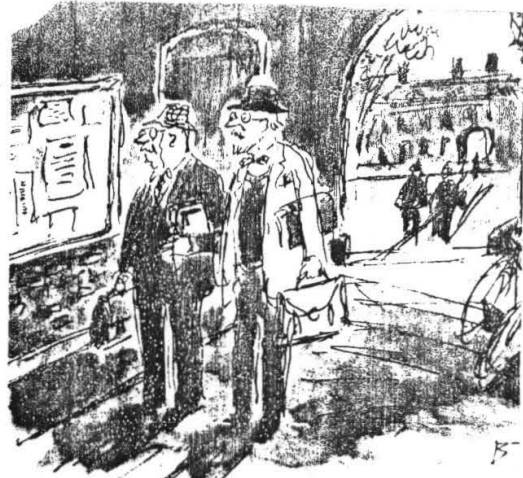
"Bats of Barro Colorado Island"

Since 1975 Dr. Charles Handley and associates have been mist netting bats on BCI, and the information thus gained is impressive. The island has 53 species, more than know from anywhere else in the New World tropics, except for Belem, Brazil. Bats comprise 1/4 of the mammalian species in the world and about 1/2 of the mammalian species on BCI. As part of the ESP program effort, Handley's work has as its cornerstone the placement of a stainless steel "necklace" with attached bird band, on each of 80-400 bats captured per night. Recaptured bats are used to discover bat foraging ranges and life spans, along with other information. The average lifespan of Artibeus jamaicensis, the most common bat on the island, is 9-10 years. "AJ", the acronym used for this species, maintains a population of up to 6000 members on the island and is a fruit eating species, specializing on the perennially available fruit of Ficus. About 20,000 fruit eating bats reside on BCI, and foraging bats feed upon and disperse the seeds of fruit within home ranges of at least 10-15 sq. miles. In addition to fruit eaters, the bats of BCI consume insects and also prey on fishes, rats and frogs. AJs reproduce twice a year and have one offspring in each period. Even the fruit eaters use echo-location to find and assess food. As revealed in Dr. Handley's informative talk, AJs and other species are most active near fruiting trees and during periods of little moonlight, and the same can be said of the bat researchers.

RECENT STRI PUBLICATION: In the JOURNAL OF THEORETICAL BIOLOGY (1982) Vol. 97, pages 7-12, "Why is Lying about Intentions Rare during some Kinds of Contests?" by M. MOYNIHAN.

GET WELL SOON: To STRI's ALCIDES DOMINGUEZ and ARTURO CARGILL, who are recovering from injuries due to an automotive accident during yesterday's rainstorm.

PLEASE RETURN: Jack from the STRI lift truck, plate 8-84338.



"Too bad about old Ainsworth. Published and published, but perished all the same."