

SEMINARS - ANCON CONFERENCE ROOM

Tuesday, December 6, the noon seminar speaker will be KATHLEEN COLE, University of Puerto Rico.

Hermaphroditism revisited - new perspectives provided by gobbid fishes.

(Abstract posted on STRI bulletin boards.)

A snack will be served followed by a second seminar at 1:30 p.m. by MARTY FUJITA, Conservation Research Center-National Zoological Park.

Conservation research and training: Collaborative Programs of the National Zoo.

NEXT WEEK

Tuesday, December 13, noon seminar speaker will be GISELLE MORA, University of Florida.

Reproductive Behavior of a Harvestman with Paternal Care.

ARRIVING

Dec. 2 - Feb. 28, MARIA TERESA SEBASTIAN, University of Barcelona, to work with Alan Smith and Kevin Hogan on BCI.

Dec. 4 - 11, GUILLERMO GOLDSTEIN, University of California, Irvine, to visit STRI facilities and consult with staff on research opportunities. Dr. Goldstein will give a seminar on BCI Thursday evening. Title to be announced.

Dec. 5 - 8, MARTY FUJITA, National Zoological Park, to visit STRI facilities and consult with staff about conservation oriented activities in Southeast Asia.

Dec. 7 - Jan. 4, JACALYN GIACALONE, Upsala College, and assistant GREG WILLIS to continue studies on population ecology of Sciurus granatensis in relation to Dipteryx fruit availability, on BCI.

Dec. 8 - Dec. 15, ELLEN O'HARA, Villanova University and JOSEPH JAVITT, Cornell University, to do studies on the effect of water augmentation on N.P. and S. status of soils in a lowland tropical moist forest.

DEPARTURES

Dec. 8 - Jan. 7, JOHN CHRISTY and family to the U.S. Between Dec. 26 - 30, Dr. Christy will be attending the meetings of the American Society of Zoologists.

FROM THE PERSONNEL OFFICE

Welcome to STRI, VICTOR HUGO HERNANDEZ, the new Diving Officer. Mr. Hernandez comes to STRI from the Panama Canal Commission Dredging Division.

Formerly on contract now on federal appointments:

CONSUL CHAMORRO - Maintenance Worker, Naos Shop.
CARLOS BONILLA - Custodial Worker, Naos.

Do you have an idea to improve the way your department works? If adopted it can be worth \$\$\$ to you in cash awards. Take the time to jot down your plan to save money, reduce paperwork, simplify procedures. Any employee who wishes to participate can obtain suggestion forms from supervisor. If you can't think of anything now, keep the form handy...great ideas can come at any time.

NEW PUBLICATIONS BY STRI STAFF, FELLOWS AND RESEARCH ASSOCIATES

D'Croz, L., L. Wong, G. Justine, and M. Gupta. 1988. Prostaglandins and related compounds from the polychaete worm Americanuphis reesei Fauchald as possible inducers of gonad maturation in Penaeid shrimps. Rev. Biol. Trop., 36 (2A): 331-332.

Guzman, H.M., 1988. Feeding activity of the corallivorous gastropod Quoyula monodonta (Blaville). Rev. Biol. Trop., 36(2A): 209-212.

Zeh, D.W. and J. Zeh. 1988. Condition-Dependent Sex Ornaments and Field Tests of Sexual-Selection Theory. The American Naturalist 132(3): 454-459.

OFFICIAL STRI HOLIDAY

December 8, Mother's Day in Panama, is an official STRI holiday.

PLEASE PLAN AHEAD

Persons planning to travel for Christmas are asked to request their paz y salvos with sufficient advance time (preferably 2 weeks before) to avoid the holiday rush.

ON LEAVE

JOHN CHRISTY Dec. 9 - 23.
EVERARDO CURNEY Dec. 2 - 16.
LUIS TURNER Dec. 2 - 7.

BCI NEWS

New boat schedule to BCI effective 25 November:

Monday - Friday JACANA
Weekends LAS CRUCES*
Holidays LAS CRUCES*
Special night trips LAS CRUCES*

*When there are only a few persons the MEGALOPS will be used.

The holiday schedule will be used Sundays and dates that are official holidays both in Panama and at STRI:

GOOD FRIDAY
NOVEMBER 3 INDEPENDENCE DAY
DECEMBER 8 MOTHER'S DAY
DECEMBER 25 CHRISTMAS
JANUARY 1ST NEW YEAR'S DAY

ASSISTANT AVAILABLE

RUSSELL TITUS, B.S. Wildlife Biology, Cornell University, (1988) wants to work for researcher at STRI. He will work with Rachel Levin March 15 - July 15 and she will pay his airfare to Panama. Titus is available from Jan 15 - March 15 or after July 15. Anyone interested can contact him: 384 Pearl Street Stroughton, MA 02072, (617) 344-6689.

RESEARCH NOTES

The Forest Research Institute of Malaysia, in collaboration with STRI, has completed a detailed census of a half-square kilometer plot of lowland rain forest at the Pasoh Forest Research Station in Peninsular Malaysia, about 100 miles southeast of the capital city of Kuala Lumpur. A 3-year effort by 30 biologists, tree climbers and data processors has resulted in a complete map and identification of 320,000 trees and saplings in the plot---all woody plants except lianas with a stem diameter of at least 1 centimeter. Approximately 835 tree species were found on the plot---more species than occur in all of North America north of Mexico. The plot will be recensused at regular intervals to measure the growth and survival of the trees and record new sapling recruits.

The Malaysian project is modeled upon the forest plot established in 1980 on Barro Colorado under the direction of Stephen Hubbell and Robin Foster. The Panamanian plot contained 238,000 individual plants with a stem diameter above 1 centimeter, representing 306 species. The plot was recensused in 1985 and will again be recensused in 1990.

This year another half square kilometer forest plot was established by the Indian Institute of Science in the Western Ghat mountains in Southern India. By employing the standard methodology developed by Foster and Hubbell on BCI it will be possible to answer fundamental questions about geographical differences in species diversity of tropical forests and tropical forest regeneration. The knowledge of tree densities, rates of survival, growth and recruitment of tropical tree species will provide foresters with valuable information on tree species with potential for commercial reforestation.



It started with a splinter three weeks ago, doc!



How long have you been breathing?