

SEMINARS - ANCON CONFERENCE ROOM

C. Craig's seminar will be given at a later date. There is no seminar scheduled for JULY 5. See your bulletin board for last minute changes.

NEXT WEEK

Tuesday, July 12, noon seminar speaker will be RACHEL LEVIN, STRI postdoctoral fellow.

Vocal Behavior and Reproductive Strategies in a Tropical Duetting Wren, Thryothorus nigricapillus.

Abstract: Vocal duetting has been reported to occur in over 200 species of birds. This behavior is generally assumed to be the result of a cooperative effort, serving similar functions for males and females. However, observational data and results of playback, removal, and muting experiments on bay wrens indicate that, in this species, duets are the result of differing male and female reproductive strategies such that female songs function in female-female aggression and males sing to acoustically guard their mates.

Refreshments will be served during a short break. At 1:30 p.m., KATIE SIEVING, University of Illinois, will give a second seminar.

Nest Predation and Differential Avian Extinction on BCI: An Experimental Assessment.

CALENDAR

July 1 - Dr. Ira Rubinoff re-assumes duties as director. Dr. Alan Smith will continue as acting Deputy Director until Dr. E. Fischer arrives in late August.

July 4 - US Independence Day / STRI HOLIDAY.

July 12 - Scientific staff meeting.

July 17 - Departure of Dr. James Karr for a position at the Virginia Polytechnic Institute.

IMPORTANT ANNOUNCEMENT

Panamanian authorities declared on June 29 that paz y salvos issued prior to June 15 are no longer valid. If planning to travel, check your issue date and, if necessary, request a new paz y salvo as soon as possible.

FAREWELL / DESPEDIDA

All are invited to say goodbye to Jim and Elena Karr on JULY 8 from 5 - 7 p.m. at the Amador Officer's Club. The Karr's will be leaving Panama the following week.

Todos están cordialmente invitados a la despedida de Jim y Elena Karr el 8 de JULIO de 5 a 7 p.m. en el Club de Oficiales de Amador. Los Karr regresan a los EEUU el 17 de julio.

ARRIVALS

July 1 - July 15, ROBIN FOSTER, to visit STRI on his way back to the U.S. from South America.

July 4 - July 12, BILL SCHULZ, SI Office of Public Affairs, to do stories on work by STRI staff for SI publications.

July 5 - July 31, MIKE MARSHALL, to continue his studies of sea-grass meadows for the Oil Spill Project.

July 6 - December, GISELLE MORA, to continue her work on exclusive male parental care in the neotropical harvestman on BCI.

July 7 - July 31, BETSY MITCHELL, University of California, Berkeley, on a STRI short-term fellowship to work on the reproductive histories of female white-faced capuchin monkeys on BCI.

July 7 - July 31, WAYNE SOUSA, University of California, Berkeley, to do a pilot study on regeneration and gap dynamics in a mangrove forest.

(Arrivals, continued)

July 7 - July 28, ROGER HUGHES, University College of North Wales, Great Britain, to study feeding behaviour in marine gastropods of the genus Morum at Naos and San Blas.

DEPARTURES

July 2, NEAL SMITH, to Vancouver, Canada, to attend the XVIII International Congress of Entomology. Also attending from STRI are Drs. William Eberhard, David Roubik and Hindrik Wolda.

PERSONNEL NEWS

CARLOTA DE YANGUEZ has resigned her position as secretary in the Director's Office.

We welcome MIREYA CORREA to the STRI scientific staff. From June 5, she has a part-time position as STRI research scientist, focusing on higher plant systematics and floristics. Profesora Correa has an MA from Duke University, and has been a STRI Associate for many years, collaborating closely with STRI staff and the Missouri Botanical Garden.

EDMUNDO RODRIGUEZ replaced Mr. Chandeck beginning June 8 in the STRI Engineering Office.

POSITION AVAILABLE / POSICION ABIERTA

La Oficina de Personal de STRI estará recibiendo solicitudes para una nueva posición de tiempo completo dentro del Departamento de Compras. La posición de SUPPLY CLERK/ ASISTENTE DE SUMINISTROS, GS 3, será responsable de mantener los archivos de suplidores, prever las necesidades de compras al por mayor, y de llevar el inventario de los mismos. Requisitos incluyen inglés básico, preferiblemente alguna experiencia en este tipo de actividad y en el uso de computadoras. Los interesados deberán entregar su hoja de vida, mencionando la posición a la cual están aplicando.

ON LEAVE

Angel Aguirre, July 5-15
Richard Cooke, July 1-26
Haris Lessios, July 1-28

LIBRARY NEWS

The Library will be closed on Monday, July 4, for the holiday.

ANGEL AGUIRRE was awarded a quality step increase recently in recognition of his outstanding performance evaluation this past year.

KIRSTY SMYTHE, a new intermittent part-time Library Aide, would like to inform STRI researchers that she is available from 2 p.m. - 4 p.m. on weekdays to assist with xeroxing, checking articles, etc. at \$2.40/hr. If interested, call 56-6444 after 6:30 p.m.

The STRI Library has two new volunteers, CYNTHIA LEE HAYDEN and SILMA Y. PINILLA DE GUEVARA. They are working on the organization and preservation of the picture and negative archival collection housed in the library, and will also be assisting George Angher in the Tupper Exhibit. If anyone has pictures or negatives of STRI, both recent or ancient, please contact the Librarian. The Library needs all the archival material so the volunteers can work on the total collection. Just call, and library personnel will pick up the materials.

The STRI Library is encountering difficulties obtaining thermal paper for the 3M reader/printer. A supply has been ordered from the U.S. To compound the problem, the recently purchased Minolta reader/printer has yet to be installed due to lack of an authorized Minolta dealer for this equipment in Panama. A solution is eminent; please have patience.

NEW STRI BOOK

The Spanish translation of the BCI Nature Trail Guide has been published, and copies will soon be distributed. The books will be on sale at the STRI Mini-Bookstore.

CONSTRUCTION ON BCI - UPDATE

Construction of new facilities on Barro Colorado Island began in February 1988. The construction firm Diez y Diez were awarded the contract. This company rented a building in Gamboa to be used as offices and storage area, and their personnel travels daily from Gamboa to BCI, using their own boat. On BCI, STRI granted them use of the old building near the gas shed. Already, the first layer of concrete was laid for the dining hall foundation in May but the work will take approximately 1.5 years.

Construction plans include dormitory buildings, a kitchen/conference building, and a walkway between the structures. Most of the construction is on new ground. Eventually, however, some of the old structures on the top of the "hill" will be demolished to build new ones. (Photos by Carl Hansen.)



FILMING AT STRI

"The Second Imperative, a Natural History of Sex" is a series of six one-hour television programs being made for Channel 4 Television (United Kingdom) by Genesis Film Productions. A three-man crew will be filming in Panama during July and August including David Thompson (exdirector/cameraman of Oxford Scientific Films), Neil Bromhall (assistant cameraman and stills photographer), and Dr. Clive Bromhall (research/production).

The series covers all aspects of sexual reproduction, and includes topics as diverse as the evolution of DNA, sex determination, sperm transfer, alternative sexual strategies, parental care and the role of sexual selection in the evolution of modern man. The approach of the series is to question, rather than simply illustrate, a variety of sexual strategies. While absolute answers can rarely be given, viewers should gain an insight into the possible evolutionary pathways which may have led to some of the more unusual as well as the more commonly seen sexual strategies within the animal kingdom.

A number of topics are being filmed with STRI personnel, but any ideas that people might have for filming, with reference to reproductive strategies, would be gratefully received. (It is always possible to contact the crew through Georgina de Alba, Ancon.) Certainly, all film that is shot is available to the researcher concerned for their own personal use.

LIBRARY NEWS

New Books:

- MAMMALIAN DISPERSAL PATTERNS:THE EFFECTS OF SOCIAL STRUCTURE ON POPULATION GENETICS(B.Diane Chepko-Sade and Z.T. Halpin,editors,1987). QL708.6.M36 STRI
- MODELLING IN BEHAVIOURAL ECOLOGY:AND INTRODUCTORY TEXT(Dennis Lendrem,1986) QL751.65.M3156 STRI
- MONOGRAPH OF LIVING CHITONS (Piet Kass and Richard A. Van Belle,1987) volume 3. QL430.1.K11m STRI
- NEWFOUNDLAND BIRDS: EXPLOITATION,STUDY,CONSERVATION(William A. Montevecchi and Leslie M. Tuck, 1987) Publ. of the Nuttall Ornithological Club; no. 21. QL685.5.N45M6z STRI
- PALAEOBIOLOGY OF CONODONTS (R. J. Alridge ,editor1987) QE899.P35 STRI
- THE PEOPLE OF THE BAT:MAYAN TALES AND DREAMS FROM ZANACANT'AN COLLECTED AND TRANSLATED BY ROBERT M. LAUGHLIN (Carol Karasik, editor, 1988) F1221.T9P46 STRI
- PRINCIPLES AND METHODS OF PLANT BIOSYSTEMATICS (Otto T. Solbrig,1970) QK93.S68 STRI
- PROCEEDINGS OF 2ND INTERNATIONAL WORKSHOP ON LEAFHOPPERS AND PLANTHOPPERS OF ECONOMIC IMPORTANCE(M.R. Wilson, editor,1987). QL527.C49I61 STRI
- LES PYGMEES AKA ET LA FORET CENTRAFRICAINE:ETHNOLOGIE ECOLOGIQUE(Serge Bahuchet,1985) DT16.P8B33 STRI
- RESTORATION ECOLOGY: A SYNTHETIC APPROACH TO ECOLOGICAL RESEARCH(William R. Jordan III, Michael E. Gilpin,and John D. Aber,1987) QH541.R456 STRI
- THE RUMINANT ANIMAL: DIGESTIVE PHYSIOLOGY AND NUTRITION(David C. Church,editor, 1988). SF768.2.R8R86 STRI
- SKELETAL GROWTH OF AQUATIC ORGANISMS:BIOLOGICAL RECORDS OF ENVIRONMENTAL CHANGE(Donald C. Rhoads and Richard A. Lutz, editors, 1980). QL120.S55 STRI
- SNAKES--ECOLOGY AND EVOLUTIONARY BIOLOGY(Richard A. Seigel, et al., editors, 1987) QL666.O6S66 STRI
- SOCIAL BEHAVIOUR IN FLUCTUATING POPULATIONS(Andrew Cockburn, 1987). QL775.C573 STRI
- TROPICAL FOREST AND ITS ENVIRONMENT (K.A. Longman, and J. Jenik,1987) 2nd ed. QK938.F6L66 STRI
- VENOMS OF THE HYMENOPTERA:BIOCHEMICAL, PHARMACOLOGICAL,AND BEHAVIOURAL ASPECTS (Tom Piek, editor, 1986). QL563.V46 STRI

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