



SEMINARS - ANCON CONFERENCE ROOM

On Tuesday, May 3, the noon seminar speaker will be STEVEN ZACK, Purdue University.

Delayed Breeding and Short-Distance Dispersal in Cooperatively Breeding Birds.

NEXT WEEK

On Tuesday, May 3, the noon seminar speaker will be JEFF BRAWN, Northern Arizona University.

I've Got 15 Years of Data, What Do I Do With It?

ARRIVALS & DEPARTURES

Arrived last week, JULIO ARIAS R., Universidad Nacional de Costa Rica, to work in the Iguana Management Project as statistician.

April 29 - Arriving, HOWARD LASKER, University of New York, Buffalo, to continue his study on predators and defenses of gorgonian corals. He will be in San Blas until July.

May 1 - Arriving, GONZALO CORREAL, Bogota, Colombia, to work for ten days with Richard Cooke on editing the volume "Cazadores y Recolectores de Sur America".

May 1 - Arriving, STEVEN ZACK, Purdue University, to visit STRI.

May 1 - Departing, JEREMY JACKSON, for Washington, D.C. on official business for three days.

May 2 - Arriving, ANNA GRAYBEAL, to work as Haris Lessios's lab assistant until August 1989.

LEARN HOW TO DO IT

ANTHONY RANERE is having a demonstration/workshop on pre-Columbian stone tool making on Tuesday, May 3, at 2:30 p.m. at Surfside. Transportation to Surfside will be available at Ancon.

CALENDAR

APRIL 1988						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

May 2 - Panamanian national holiday to celebrate May 1, Labor Day.

May 10 - STRI Scientific Staff Meeting.

May 30 - Memorial Day is a STRI holiday.

FROM THE PHOTO LAB

CARL HANSEN will be out of Panama for four months, beginning April 28. During May, he will be at his head office in Washington, D.C., and in June, July and August he will be on leave in Montana. MARCOS GUERRA will be in charge of the Photography Department until the first week in September.

JOBS AVAILABLE / POSICIONES ABIERTAS

Se avisa a todos los empleados que se están abriendo las siguientes vacantes para posiciones temporales por un año:

- 1 mecánico de aire acondicionado WG-10
- 2 mecánicos de mantenimiento WG-8
- 2 ayudantes de cocina WG-2
- 2 trabajadores de la limpieza WG-2
- 1 mensajero GS-2
- 1 oficinista para el Depto. de Compras (debe ser bilingue) GS-3

Los interesados deben enviar su curriculum vitae o SF-171 con referencias al Depto. de Personal, Apartado 2072, Balboa, especificando la posición a la cual desean aplicar.

SCHOLARLY STUDIES AWARDS

The following STRI scientists received Scholarly Studies awards:

NANCY KNOWLTON

"Predation on Caribbean staghorn corals", April 1988-1990.

Almost nothing is known about the predators on corals in the Caribbean, despite the documented importance of predation on Pacific reefs. The purpose of this study is to determine the role of predators in the population biology of a dominant reef-builder, which appears to respond to predation pressure in a threshold fashion.

OLGA LINARES

"Jola urban migrants in Senegal: social and economic networks", May 1988 - spring 1990.

It is commonly assumed that migration to urban areas and the exodus from the countryside have profound negative effects on the rural sector of a peasant economy. This approach masks the numerous social and economic relations binding migrants and their rural relatives, and hides the fact that villages may still be important reservoirs of social security for migrants. It also ignores the role migrants play as vital sources of new revenues and inputs into the countryside. The network of social and economic relationships linking Jola individuals in Senegal permanently established in secondary towns, with their relatives and friends in their village of origin, will be investigated.

STANLEY RAND

"Why do female Tungara frogs Physalaemus pustulosus find complex calls more attractive than simple ones: a search for the sensory basis of sexual selection", 1988-1989.

This study, in collaboration with Michael Ryan, will test the responses of female frogs to computer synthesized calls.

ODD TITLES

-Taken from Biotropica, Vol. 20 (1), March 1988.

Nitrogen, Phosphorus, and Sulfur Properties of Some Forest Soils on Barrow Colorado Island, Panama, by J. B. Yavitt and R. K. Wieder.

-Taken from Canberra Bird Notes 10: 91-92.

Callocephalon fimbriatum Used Left Foot in all 114 Observations.

-Taken from Raptor Res 20: 65-68. The Behavioral Response of a Red-Tailed Hawk to Military Training Activity.

OF THE ENGLISH LANGUAGE

Taken from the Chronicle of Higher Education, December 9, 1987.

"What of spelling in general? Is it any different today from what it was 20 years ago? Many years before that, while I was a graduate student at the University of Michigan, the late Albert H. Marckwardt, one of my teachers, conducted a survey of problems he found in student writing, among them spelling errors. He found that the most frequent errors involved:

-Words that contain unstressed vowels: Is it seperate or separate, indispensible or indispensable?

-Metathesis, the name we give that wrong ordering of car and horse that makes us write calvary for cavalry.

-Problems that arise when we add derivative suffixes, as in arguement and desireable.

-Problems in handling an unstressed i, as in efficient.

The problems Marckwardt found, along with others, such as the typographical transpositions I regularly make when I type studnet for student, were still bedeviling my students when I left them in 1966. Not much has changed today."

CONSTRUCTION ON BARRO COLORADO ISLAND

In order to "replace existing obsolete, inefficient, and badly deteriorated facilities", construction of new facilities was begun in February 1988 on Barro Colorado Island. The existing buildings on BCI date to the beginning of the century, built of wood at a time when no other materials could be conveniently transported to the island. These buildings are situated in a cleared area approximately 115 feet above the lake level, and have been expensive to maintain because of their susceptibility to the constant humidity and termite infestations.

There was no area remaining in the existing clearing on which additional buildings could be constructed, and further clearing was undesirable for valid scientific and conservation reasons. So the new construction will take place nearer the shoreline. New facilities will replace over time those that have reached the end of their useful life, such as dormitories, food facilities and others.

(Photographs below, taken by Carl Hansen, show the construction site, which is situated just to the left of the existing growing house and sewage treatment plant.)



LIBRARY NEWS

New Books :

- THE ABORIGINES OF TRINIDAD (JA Bullbrook, 1960) F2119.B84X 1960 STRI.
BIOGEOGRAPHY AND TAXONOMY OF HONEYBEES (F. Ruttner, 1988)
QL568.A6R88 1988X STRI.
- THE BIOLOGY AND EVOLUTION OF LUNGFISHES (WE Bemis, WW Burggren, and
NE Kemp, editors, 1987) QL638.3.B56 1987X STRI
- THE BIRDS OF AUSTRALIA (K. Simpson and N. Day, editors, 1986)
QL693.B57 1986X STRI
- COMMON STRATEGIES OF ANADROMOUS AND CATADROMOUS FISHES (MJ Dadswell,
et.al., editors, 1987) QL639.5.C73 1987 STRI
- THE COMMUNITY ECOLOGY OF SEA OTTERS (GR VanBlaricom and JA Estes,
editors, 1987) Ecological Studies, vol.65. QL737.C25C66 1987X
STRI
- COMPARATIVE BEHAVIOR OF AFRICAN MONKEYS (EL Zucker, 1987)
QL737.P93C58 1987X STRI
- COMPARATIVE PRIMATE BIOLOGY (HD Steklis and J. Erwin, editors, 1986)
vol. 4 Neurosciences. QL737.P9C577 1986X STRI
- A COMPREHENSIVE SURVEY OF TROPICAL MANGROVE FORESTS OF SUNDARBANS
AND ANDAMANS (AB Chaudhuri and HB Naithani, 1985) Pt.1
QK938.M27C49 1985 pt.1 STRI
- THE EVOLUTION OF REEF COMMUNITIES (JA Fagerstrom, 1987)
QE565.F34 1987X STRI
- THE EVOLUTION OF SEX: AN EXAMINATION OF CURRENT IDEAS (RE Michod and
BR Levin, editors, 1988) QH443.E96 1988X STRI
- EVOLUTIONARY GENETICS OF INVERTEBRATE BEHAVIOR (MD Huettel, editor,
1986) QE493.E96 1986X STRI
- EVOLUTIONARY PROCESSES AND THEORY (S. Karlin and E. Nevo, editors,
1986) QH359.E938 1986X STRI
- A FIELD GUIDE TO CARIBBEAN REEF INVERTEBRATES (N. Sefton and SK Webster,
1986) QL134.5.S44 1986X STRI
- GENETIC REGULATION OF DEVELOPMENT (WF Loomis, editor, 1986)
QH453.S63 1986X STRI.
- GENETIC RESOURCES OF TROPICAL AND SUB-TROPICAL FRUITS AND NUTS (EXCLUDING
MUSA) SB359.G32 1986 STRI
- GUIDE TO INFORMATION SOURCES IN THE BOTANICAL SCIENCES (EB Davis, 1987)
Z5351.D38 1987X STRI REF.
- GUIDE TO SOURCES FOR AGRICULTURAL AND BIOLOGICAL RESEARCH (JR Blanchard
and L. Farrell, 1981) Z5071.G83X STRI REF.
- INSECT OUTBREAKS (P. Barbosa and JC Schultz, editors, 1987)
QL496.15.I57 1987X STRI.
- AN INTRODUCTION TO BEHAVIOURAL ECOLOGY (JR Krebs and NB Davies, 1987)
QH371.K73X 1987 STRI.
- METHODS FOR THE STUDY OF SEDIMENTARY STRUCTURES (AH Bouma, 1979)
QE472.B67 1979X STRI.
- MODERN ASPECTS OF SPECIES (K. Iwatsuki, PH Raven, and WJ Bock, editors,
1986) QH83.M68 1986 STRI.
- EL MUNDO DE LA BIOLOGIA: CURSO TEORICO PRACTICO. 4 vols.
qQH307.2.M96 1987 v.1-4 STRI REF.
- THE NATURAL HISTORY READER IN EVOLUTION (N. Eldredge, editor, 1987)
QH366.2.N38 1987X STRI.
- NOTES CONCERNING EXCAVATION OF SHELL MOUNDS OR KITCHEN MIDDENS
(JA Bullbrook, 1963) CC75.B84X 1963 STRI.
- ORIGIN OF SEDIMENTARY ROCKS (H.Blatt, G. Middleton, and R. Murray, 1980)
QE471.B64 1980 STRI.
- PAST CLIMATES (LM Libby, 1983) QC884.L5 1983X STRI.
- POPULATION ECOLOGY OF INDIVIDUALS (A. Lomnicki, 1988) QH352.L66 1988X STRI.
- PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON RED SOILS (Institute of
Soil Science, Academia Sinica, editor, 1983) S599.6.I61 1983 STRI.
- RHYTHMIC PHENOMENA IN PLANTS (BM Sweeney, 1987) 2nd edition.
QK761.S95 1987X STRI.
- ROCKS AND ROCK MINERALS (RV Dietrich and BJ Skinner, 1979)
QE431.2.D53X 1979 STRI.
- RURAL DEVELOPMENT FOR POVERTY ALLEVIATION. HN980.J91 1985 STRI.
- SEGUNDA REUNION SOBRE PLANTACIONES FORESTALES. SD118.R44 1980 STRI.
- THE SKIPPER BUTTERFLIES (HESPERIIDAE) OF TRINIDAD, PART II. A SYSTEMATIC
LIST OF THE TRINIDAD AND TOBAGO HESPERIIDAE. (MJW Cock, 1982)
Occasional Papers no.5. qQL561.H5C66 1982 STRI.
- TROPICAL AND SUB-TROPICAL AGRICULTURE. FAO Agricultural Services Bulletin
no.68. qSF531.T73T85 1986 STRI.
- WORDPERFECT TIPS AND TRICKS (AR Neibauer, 1986) Z52.5.W65N397 1986 STRI.