No. 42

### SEMINARS - ANCON CONFERENCE ROOM

The noon seminar on WEDNESDAY, NOVEMBER 4, will be given by ELDREDGE BERMINGHAM from the U.S. National Marine Fisheries and the University of Washington. His subject:

Biogeography of Tropical Marine Faunas, the Central American Isthmus and the Molecular Clock.

ABSTRACT: Evolution at both the organismal and molecular level will be discussed using data from surveys of genetic differentiation among disjunct populations of tropical marine fish and sea urchins.

At 7 p.m. the same evening, he will give another seminar titled:

Historical Biogeography - a Molecular Approach.

ABSTRACT: The results of two studies are used to exemplify the positive role that molecular analyses can play in historical biogeographic reconstruction.

#### NEXT WEEK

The regular noon seminar on Tuesday, November 10, will be given by JUAN CARLOS DELSO and JANE SHUTTLEWORTH, from the Iguana Management Project. Their subject:

The Green Iguana in the Rural Community: an Example of a Community Based Environmental Education Project in Panama.

# ARRIVALS & DEPARTURES

November 1 - Arriving, NICHOLAS BROKAW and STEVEN HESS, from Manomet Bird Observatory, to study demography and growth of trees in artificially created gaps. They will be on BCI until December 15.

November 1 - Arriving, ELDREDGE BERMINGHAM, from the US National Fisheries and the University of Washington, to be interviewed for the Molecular Evolution staff position and give two seminars.

November 4 - Arriving, PHIL REISS, from the SI Office of Design and Construction, for 3 days.

Departing, RAMON ELY on November 6 and LEO VAN VALKENHOEF on November 11 for Washington, D.C. to attend an Emergency Preparedness Training Course and other official business.

#### CALENDAR

S	M	T	W	Т	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					

November 1 - Dia del Niño

November 2 - Dia de los Difuntos

November 3 - Panama's Official Independence from Colombia. STRI HOLIDAY.

November 4 - Panama's Flag Day

November 5 - Panama's independence declared in Colon.

November 10 - El Grito de los Santos; Panama's independence declared in Los Santos.

November 11 - Veterans' Day. STRI HOLIDAY.

November ?6 - Thanksgiving Day. STRI HOLIDAY.

November 28 - Panama's Independence from Spain.

(Panamanian government offices will be closed November 2 - 4, and November 10. Banks will be closed November 3, 4, 10, and 28.)

#### BARRO COLORADO NATURE MONUMENT NEWS

Gamewarden B. Mela and Cabo D. Segundo surprised a poacher on the Bohio Peningula on Sunday, October 25th. A dead peccary was recovered. The poacher escaped.

# OIL SPILL PROJECT NEWS

The annual meeting of the Oil Spill Project's Scientific Review Board will be November 12 - 13. Members are Robert Carney, Richard Dodge, Roger Green, and Yossi Loya. Also attending will be Murray Brown and Gail Irvine from the U.S. Minerals Management Service. Please see Brian Keller about arranging a time to see any of these people.

ACID DEPOSITION: LONG-TERM TRENDS (Committee on monitoring and assessment of trends in acid deposition, environmental studies board, 1986) TD196, A25A182 STRI

BIOLOGICAL INDICATORS OF FRESHWATER POLLUTION AND ENVIRONMENTAL MANAGE-

MENT(J.M. Hellawell,1986)QH96.8.B5H43 STRI
EFFECT OF GENETIC VARIANCE ON NUTRITIONAL REQUIREMENTS OF ANIMALS:PROCEEDINGS OF A SYMPOSIUM,UNIVERSITY OF MARYLAND, COLLEGE PARK(National

Research Council,1975)SF95.E32STRI
EVOLUTION OF INSECT LIFE CYCLES(Fritz Taylor and Richard Karban, editors, 1986)QL495.5.E96STRI

FEEDING AND NUTRITION OF NONHUMAN PRIMATES(Robert S. Harris, editor, 1970) QL737.P9F29STRI

FORAGING THEORY(David W.Stephens and John R. Krebs, 1986)QL756.5.S74 STRI FUNCTIONAL DIVERSITY OF PLANTS IN THE SEA AND ON LAND(A.R.O. Chapman, 1987) QK983.C48 STRI

HANDBOOK ON THE MAINTENANCE OF REPTILES IN CAPTIVITY(K.R.G. Welch, 1987) QL665, W45 STRI

HELPERS AT BIRDS'S NESTS: A WORLD SURVEY OF COOPERATIVE BREEDING AND RELATED BEHAVIOR(Alexander F. Skutch, 1987)QL698.3.S55 STRI

HELPING AND COMMUNAL BREEDING IN BIRDS: ECOLOGY AND EVOLUTION (Jerram

L. Brown, 1987) QL698.3.B76STRI INDEX OF AMERICAN PALMS(B.E. Dahlgren, 1936-59) FOSSIL PALMS(A.C. Noe,

1936-59) 2 volumes QK495.P17D3 STRI
METABOLIC ARREST AND THE CONTROL OF BIOLOGICAL TIME(Peter W. Hochachka and Michael Guppy, 1987)QH523.H63STRI
NATURAL SELECTION AND ITS CONSTRAINTS(Oliver Mayo, 1983)QH375.M47 STRI

NEUROLOGY AND BEHAVIOR OF HONEYBEES (Randolf Menzel and Alison Mercer, 1987)QL568.A6N48STRI

TWO OILFIELD WATER SYSTEMS: STEAMFLOODING, OIL REMOVAL (Bryant W. Bradley, 1987) TN871. B73 STRI

### MORE NEWS

The Librarian will be on administrative leave in Washington, D.C. from October 26 through Novemeber 6, 1987. Angel Aguirre will be in charge of the library during that time.



The bride, best man, and ushers of Frankenstein