



SEMINAR

No luncheon seminar scheduled for Tuesday, May 20. ~~During the noon hour in the Ancon Conference Room, we will present 2 videos given to STRI by P. DeVries:~~

- ~~"Sirau: a Tidal Forest"~~
- ~~"Mangrove Ecology: Borneo"~~

Canceled

ARRIVALS & DEPARTURES

Expected to arrive this week is GEORGE BRUNO, to work with N. Knowlton on the project: "Detection of localized dispersal of shrimp larvae using sibling species and electrophoretic techniques." Mr. Bruno will be at STRI for 2 years.

May 17 - Leaving on vacation, JOE, CLAUDIA and ADAM WRIGHT. They will be away approximately 5 weeks.

May 18 - Arriving, DAVE ROUBIK and ENRIQUE MORENO for a 10-day visit.

May 18 - Arriving, NEAL WILKINSON, University of California at Berkeley, to assist R. Robertson and N. Knowlton.

May 20 - Leaving HARIS and KRISTIN LESSIOS for Greece on vacation. On the way back, Dr. Lessios will attend the meetings of the Society for the Study of Evolution in Boston.

May 20 - Arriving, KATIE MILTON to study population dynamics of howler and spider monkeys on Barro Colorado Island. Dr. Milton will be here until June 20.

May 21 - Arriving, KAORU KITAJIMA, Univ. of Illinois at Urbana-Champaign, on a Smithsonian 10-week fellowship, to conduct studies on "Photosynthetic and growth characteristics of neotropical tree seedlings".

May 21 - Arriving, MICHAEL KELLER, Cornell University, to continue studies on the chemistry of soils on Barro Colorado Island.

May 23 - Arriving, STANLEY RAND, for 10 days to continue crocodile and iguana studies. CECILIA CHANG, from the National Zoological Park, will also arrive on that day to collaborate with Dr. Rand and make collections for the zoo.

CHANGE IN PANAFAX LOCATION

The STRI Fax machine has been moved from the Library to Otilia Perez's office at Tivoli. If you don't know how to use this machine, please ask Maria Morello or Audrey Smith for assistance.

SLIDE PRESENTATION

At 5 pm, Friday, May 16, there will be a slide presentation in the Ancon Conference room on:

"Proyecto de Biología de Pacas" by YOLANDA MATAMOROS, Escuela de Medicina Veterinaria of Costa Rica

&

"Movimiento, actividad y dieta de safnos en un bosque tropical," by MIKE McCOY, EDECA, Costa Rica.

OIL SPILL AT GALETA

On April 27 the rupture of a tank in Panama's oil refinery at Bahia Las Minas, about 5 km east of Galeta Reef, produced an oil spill. Personnel at the refinery announced that the oil spill was contained within Cativá Bay, and the oil was being pumped back into the refinery. Yet on May 4 a change in weather pushed the oil out of the bay and along the coast. Since May 9, crude oil has been washing over the Galeta reef. Scientists at the laboratory now find their long-term studies under a layer of thick, black crude oil, that extends from Marfa Chiquita to Limón.

Since 1969, the Galeta reef has been intensively studied by Smithsonian staff and visiting scientists. It is the site of many longterm monitoring projects to follow changes in animal and plant populations, and experimental studies to determine the cause of the observed variations. The recent oil spill will bring much of the monitoring work to a temporary halt.

It is too early to assess the damage caused by the oil spill. Studying the effects of other oil spills has been hampered by lack of the basic ecological information to compare plant and animal populations before and after the oil spill. But scientists at Galeta have 15 years of data on the distribution, abundance, growth, reproduction and behavior of marine plants and animals. The only positive aspect of this unfortunate event is that it could provide a rare opportunity to compare in detail the effects of an oil spill on a tropical reef.

LIBRARY NEWS

The library recently conducted a random survey and found many materials missing. These are listed on the back. If you have any of these, please let the library know or return them.

MISSING LIBRARY BOOKS:

The following material, listed by call number, was not located in the recent random sample inventory done in the library recently. Please check your shelves for the titles listed below:

F 1465.2 G8N57	1985	STRI	Ngawbere de la Peninsula Valiente, Panama, 1985.
F 1569 C6C27	1946	STRI	La Tierra de Los Cholos, Panama, 1946.
F 1565 D3318	1972	STRI	Arte y arqueologia precolumbinos de Panama, 1972.
qF2269.1 c95C67	1977	STRI	Investigaciones arqueologicas en Los Abhigos..., 1977.
GB 592 D4Sc27	1966	STRI	Scientific problems of the humid tropical zone deltas and their implications... 1966
GN 468.4 B75	1984	STRI	Language and living things, 1984.
GN 495.6 R68	1982	STRI	Ethnic identity, 1982.
PC 4640 V696	1984	STRIREF	Vox new college Spanish and English dictionary, 1984
QA 278.8 H65	1973	STRI	Nonparametric statistical methods, 1983.
QC 485 C73	1933	STRI	A Georgraphic study of cosmic rays, 1933.
qQH 541 H95	1985	STRI	Terrestrial ecology in South Africa...
QH 541 S42s	1917	STRI	Suggestions as to field and laboratory instruction in the behavior and ecology of animals (Univ.Illinois Contrib.)
QH 541.15 I5E57	1979	STRI	Environmental biomonitoring assessment, prediction, and management, 1979
QK 522 O45	1977	STRIREF	The Fern dictionary, 1977.
QK 737 C214G53	1985	STRI	The Giant pandas of Wolong, 1985
QL 377 C7Z58	1980	STRI	Skleraktinii Kuby s dannymi o soputstvuiushehik organizmakh, 1980.
QL 430.2 M69	1985	STRI	Communication and noncommunication by cephalopods, 1985.
QL 466 T97	1973	STRI	All color book of insects, 1973.
QL 468 B88	1954	STRI	Classification of insects: keys to the living and extinct families of insects..., 2nd ed.
QL 628 F6E8	1899	STRI	Check-list of the fishes of Florida, 1899.
QL 696 P47M38	1983	STRI	Biologia reproductiva de Pelecanus Occidentalis en relacion con el Afloramiento de la Bahia de Panama, Cali, 1983
QP 187 E16	1969	STRI	Chemical communication, 1969
SD 159 F71	1978	STRI	Forestry development and research, Brazil, 1978
Z 5970A65	1984	STRI	Aquaculture, 1979-1984: 337 citations ..., 1984.

LIBRARY NEWS

New books:

ARCHAEOLOGY OF LOWER CENTRAL AMERICA. (Frederick W. Lange and Doris Z. Stone, editors, 1st edition, 1984) F 1434 A84 STRI

AVIAN BIOLOGY (Donald S. Farner and James R. King, editors,) QL 672 A95 vol. 7 STRI

DEVELOPMENTAL BIOLOGY: A COMPREHENSIVE SYNTHESIS (Leon W. Browder, 1985)QH 491 D426 1985 v. 1 Oogenesis

DISEASES OF MARINE ANIMALS (Otto Kinne , editor, 1984) SF 997.5M33 D57 vol.4 pt.2 STRI

DISEASES OF AMPHIBIANS AND REPTILES (Gerald L. Hoff, Frederic L. Frye and Elliott R. Jacobson, editors, 1984) SF 997.5 A45D57 STRI

DYNAMICS OF EXTINCTION (David K. Elliott, editor, 1986) QE 721.2 E97D96 STRI

ETHNOBOTANY IN THE NEOTROPICS SYMPOSIUM (1983: Oxford, Ohio) Proceedings(G.T. Prance and J.A. Kallunki, editors , 1984) F 2519.1 A6E87 STRI

EVOLUTION OF COMPLEX AND HIGHER ORGANISMS: A REPORT (David Milne et al editors, 1985) QH 359 E933 STRI

GULLS AND PLOVERS: THE ECOLOGY AND BEHAVIOR OF MIXED SPECIES FEEDING GROUPS (C.J. Barnard and D.B.A. Thompson, 1985) QL 696 C46 B37 STRI

HORMONE ACTION (Robert F. Goldberger and Keith R. Yamamoto, editors, 1982) QP 571 H654 vol. 2 STRI

HOT DESERTS AND ARID SHRUBLANDS (Michael Evenari, Imanuel Noy-Meir and David W. Goodall, 1984.) QH 541.5 D4H68 vol. 12B STRI (Ecosystems of the World)

INCONSTANT GENE (Lawrence S. Dillon, 1983) QH 450 D54 STRI

INDIVIDUALITY AND DETERMINISM: CHEMICAL AND BIOLOGICAL BASES (Sidney W. Fox, 1984) QH 506 L45 STRI

PRE-COLUMBIAN PLANT MIGRATION: PAPERS PRESENTED AT THE PRE-COLUMBIAN PLANT MIGRATION SYMPOSIUM, 44th INTERNATIONAL CONGRESS OF AMERICANISTS, MANCHESTER, ENGLAND (Doris Stone et al editors, 1982) E59 A35P92 STRI

STRUCTURAL PATTERNS OF TROPICAL BARKS (Ingrid Roth, 1981) QK 648 R84 STRI

STUDIES ON BATS AND BAT PARASITES,... (Olof Ryberg, 1947) QL 737 C5R9 STRI

TSEW'A GIFT: MAGIC AND MEANING IN AN AMAZONIAN SOCIETY (Michael F. Brown, 1986) F 3430.1 A35B763 STRI