



STRI NEWSLETTER

No. 29

July 24th, 1987

SEMINARS - ANCON CONFERENCE ROOM

There will be no Tuesday noon seminar on July 28.

The evening staff seminar that Tuesday will be given by WILLIAM EBERHARD at 7 p.m. on Barro Colorado Island. All students and visitors are welcome but there will be no special boat arrangements. His subject:

Evolution of Bacterial Plasmids, a Darwinian Look at Unconventional Processes.

(There is no luncheon talk scheduled for August 4. Check your bulletin boards for news.)

ARRIVALS & DEPARTURES

July 26 - Arriving, RUSSELL GREENBERG, from the National Zoological Park, to continue his study of the population biology of some understory insectivorous birds. He will be on BCI for two weeks.

July 27 - Departing, NANCY KNOWLTON, for Discovery Bay Marine Lab in Jamaica until August 9.

July 29 - Arriving, ANN FOSTER, from the University of Iowa, with K. Johnson and T. Stemann to work on the effects of deforestation on growth and mortality in reef corals. They will be at San Blas and Naos until August 26.

July 30 - Arriving, STEVE GARRITY, from the University of Massachusetts, to continue his work on snails for the Oil Spill Project.

July 31 - Arriving, PETER JUNG from the Natural History Museum in Switzerland to study molluscs from the Tertiary Caribbean faunal province. He will be at Naos until August 27.

INVITATION

The administrative staff is invited to a luncheon talk on Wednesday, July 29, in the Tivoli conference room. MARY JANE WEST EBERHARD will be speaking on "Wasp Watching and Why". Everyone is welcome.

1987 PUBLICATIONS BY STRI STAFF, FELLOWS & RESEARCH ASSOCIATES

Jackson, J. B. C. and K. W. Kaufmann. 1987. Diadema antillarum was not a keystone predator in cryptic reef environments. *Science* 235: 687-689.

LIBRARY NEWS

For the months of June, July and August, Kirsty Smythe will be in the STRI library every morning and will be offering photocopy and library search services for \$2.20/hour.

CATIE ANNOUNCEMENT

The Centro Agronomico Tropical de Investigacion y Enseñanza (Turrialba, Costa Rica) is announcing job openings for a communications expert and a specialist in biometry. Dates for jobs to begin are August 1 and September 1, respectively.

NEW STUDY SITE AVAILABLE

An island off the coast of the Province of Chiriqui has been offered as a possible study site for those interested in turtle studies. Mr. Rodriguez, whose family owns the island, indicates that sea turtles use the beach for nesting. There are cattle and hog ranching activities on the island, and a simple housing or shelter is available. For more information, please contact J. Christy, Naos.

CONSERVATION NEWS

The Gandoca/Manzanillo National Wildlife Refuge has one of the largest expanses of coral reef in Costa Rica. A recent report calculates 80% of the corals are now dead due to silt deposition and possibly agricultural chemicals. ANAI, a U.S. group that supports the refuge, is initiating a letter writing campaign aimed at influential Costa Rican politicians to help save the Atlantic coastal environment. For more information, see your bulletin board.

FOR SALE

1978, 4-wheel drive Daihatsu jeep. Gasoline, good condition, with stereo radio-cassette player. \$2300. If interested call Emilio Herrera at 56-6815 after 6 p.m. or Naos lab during working hours.

ANCON BULLETIN BOARD REQUEST

An effort is being made to have up-to-date information on the bulletin board outside the conference room. Posters, photographs, diagrams, etc. of recent work at STRI are being requested. These will be returned to owners in immaculate condition. See Neal Smith or Carl Hansen.

LIBRARY NEWS

New books:

- ANIMAL EVOLUTION IN CHANGING ENVIRONMENTS: WITH SPECIAL REFERENCE TO ABNORMAL METAMORPHOSIS (Ryuichi Matsuda, 1987) QH371.M323 STRI
- ATLAS OF DINOFLAGELLATES: A SCANNING ELECTRON MICROSCOPE SURVEY (John D. Dodge, 1985) QL368.D6D64 STRI
- BIOGRAPHY OF THE SEAS: THE STORY OF THE WORLD OCEAN, ITS ANIMAL AND PLANT POPULATIONS, AND ITS INFLUENCE ON HUMAN HISTORY (Richard Carrington, 1960) GC21.C28 STRI
- BIOLOGICAL METAPHOR AND CLADISTIC CLASSIFICATION: AN INTERDISCIPLINARY PERSPECTIVE (Henry M. Hoenigswald and Linda F. Wiener, editors, 1987) QH83.B575
- BIOLOGY OF ACACIAS (T.R. New, 1984) QK495.L52N53 STRI
- BRYOZOA: ORDOVICIAN TO RECENT: PAPERS PRESENTED AT THE 6TH INTERNATIONAL CONFERENCE ON BRYOZOA, VIENNA 1983 (Claus Mielsen and Gilbert P. Larwood, editors, 1985) QL396.I61 STRI
- CAMBRIDGE SCIENTIFIC ABSTRACTS ONLINE USER MANUAL (Cambridge Scientific Abstracts, Inc., 1985) qZ699.C17 STRIREF
- CAYO SANTIAGO MACAQUES: HISTORY, BEHAVIOR, AND BIOLOGY (Richard G. Rawlins and Matt J. Kessler, 1986) QL737.P93C39 STRI
- CYTOMORPHOGENESIS IN PLANTS (O. Kiermayer, editor, 1981) QK725.C96 STRI
- ECOLOGICAL SIMULATION PRIMER (Gordon L. Swartzman and Stephen P. Kaluzny, 1987) QH541.15.M3S89
- ECOLOGY OF PROTOZOA: THE BIOLOGY OF FREE-LIVING PHAGOTROPHIC PROTISTS (Tom Fenchel, 1987) QL366.F46 STRI
- ELEMENTS OF THE SCIENTIFIC PAPER (Michael J. Katz, 1985) T11.K34 STRI
- ELSEVIER'S DICTIONARY OF TREES AND SHRUBS: IN LATIN, ENGLISH, FRENCH, GERMAN, ITALIAN (Hugues Vaucher, compiler, 1986) QK474.87.V38 STRI
- ETHOLOGY OF FARM ANIMALS: A COMPREHENSIVE STUDY OF THE BEHAVIORAL FEATURES OF THE COMMON FARM ANIMALS (A.F. Fraser, ed., 1985) qSF756.7.E84 STRI
- ETHYLENE AND PLANT DEVELOPMENT (G.A. Tucker, and J.A. Roberts, editors, 1985) QK753.E8E84 STRI
- EVAPOTRANSPIRATION FROM PLANT COMMUNITIES... (M.L. Sharma, ed., 1984) QK873.#93 STRI
- FIELD GUIDE TO THE BIRDS OF HAWAII AND THE TROPICAL PACIFIC (H. Douglas Pratt, Phillip L. Bruner and Delwyn G. Berrett, 1987) QL684.H3P73 STRI
- FIND IT FAST: HOW TO UNCOVER EXPERT INFORMATION ON ANY SUBJECT (Robert I. Berkman, 1987) AG105.B553 STRIREF
- FIRE ANTS AND LEAF-CUTTING ANTS: A SYNTHESIS OF CURRENT KNOWLEDGE (Clifford S. Lofgren and Robert Vander Meer, 1986) QL568.F7F45 STRI
- FROST SURVIVAL OF PLANTS: RESPONSES AND ADAPTATION TO FREEZING STRESS (A. Sakai, 1987) QK756.S235 STRI
- GENES 3rd ed. (Benjamin Lewin, 1987) QH430.L487 STRI
- GENETICA AGRICOLA (James L. Brewbaker: translated into Spanish by Humberto Sauza, 1967) S494.B84 STRI
- GROWTH AND DEVELOPMENT: ECOSYSTEMS PHENOMENOLOGY (Robert E. Ulanowicz, 1986) QH540.5.U43 STRI
- HAWLEY'S CONDENSED CHEMICAL DICTIONARY 11th ed. (N. Irving Sax and Richard J. Lewis, 1987) QD5.C5 STRIREF
- HORNER SITE: THE TYPE SITE OF THE CODY CULTURAL COMPLEX (George C. Frison and Lawrence C. Todd, editors, 1987) E78.W95H67 STRI
- IN THE COMPANY OF ANIMALS: A HISTORY OF HUMAN-ANIMAL RELATIONSHIPS (James Serpell, 1986) SF411.5.S47 STRI
- INAGUA, WHICH IS THE NAME OF A VERY LONELY AND NEARLY FORGOTTEN ISLAND (Gilbert C. Klingel, 1942) QL229.I5K4 STRI
- MARINE POLLUTION (R.B. Clark, 1986) GC1085.C5 STRI
- MINERAL NUTRITION OF HIGHER PLANTS (Horst Marschner, 1986) QK867.M36 STRI
- METHODS FOR THE STUDY OF MARINE BENTHOS 2nd ed. (N.A. Home and A.D. McIntyre, editors, 1984) QH91.57.D7M59 STRI
- METHODS IN PLANT ECOLOGY (P.D. Moore and S.B. Chapman, editors, 1986) QK901.M47 STRI
- PHYSIOLOGY OF DORMANCY AND GERMINATION IN CYSTS OF THE MARINE DINOFLAGELLATE SCRIPPSIELLA TROCHOIDEA (Brian Jeffrey Binder, 1986) QL368.D6B63 STRI
- PLANT BREEDING SYSTEMS (A.J. Richards, 1986) QK825.R53 STRI
- PRELIMINARY SURVEY OF THE FOREST TYPES OF INDIA AND BURMA (H.G. Champion, 1936) QK938.F6C48 STRI
- PRIMATE CONSERVATION IN THE TROPICAL RAIN FOREST (Clive W. Marsh and Russell A. Mittermeier, 1987) QL737.P9P672325 STRI
- RELATIONS AMONG FIGS, FIG WASPS AND SILVEREYES ON HERON ISLAND. (L.J. Henderson, 1977) Mfc 890n STRI (Microform) theses
- SMITHS' SEA FISHES 6th ed. (Margaret M. Smith and Phillip C. Heemstra, editors, 1986) QL635.S6S55 STRI
- UNIVERSITY OF CHICAGO SPANISH DICTIONARY: A NEW CONCISE SPANISH-ENGLISH AND ENGLISH-SPANISH DICTIONARY... 4th ed. (D. Lincoln Canfield, 1987) PC4640.U5 STRIREF
- WHALE SONGS AND WASP MAPS: THE MYSTERY OF ANIMAL THINKING. (Joseph Mortenson, 1987) QL785.M67 STRI

NEW JOURNALS

- MOLECULAR BIOLOGY AND EVOLUTION. vol. 1, no.1 (Dec. 1983) -
- TRENDS IN GENETICS. vol. 1. no.1 (Jan 1985) -