



SMITHSONIAN TROPICAL RESEARCH INSTITUTE

STRI NEWSLETTER

No. 31

ed. A. M. Smith

August 9, 1985

SEMINAR

On Tuesday, August 13, our noon time seminar in the Ancon Conference Room will be given by JAMES MARDEN, Smithsonian Visiting Graduate Fellow from the University of Vermont. His subject will be: "A Comparison of Lift Production in Flying Animals".

SCIENTIFIC STAFF:

There will not be a scientific staff meeting this month.

ARRIVALS & DEPARTURES:

August 11 - RITA JORDAN, office of the Assistant Secretary, JIM HOLOHAN, office of Audits and JOHN CLARK, Accounting Division, will be arriving for a one-week official visit.

August 12 - Dr. JAMES KARR & Dr. STEVE HUBBELL travelling on official business to Manaus, Brazil, to visit and review the MINIMUM CRITICAL AREA PROJECT of the World Wildlife Fund - U.S. Both will return in one week.

August 14 - ALBERTO GONZALEZ, Game Warden, travelling to Honduras to attend a course being given for game wardens of national parks and reserves. Mr. Gonzalez will be away for three weeks.

August 14 - RUSSELL GREENBERG, of the National Zoological Park, arrives for a 2 week visit to continue studies of the population biology of understory insectivorous birds on BCI.

August 16 - Dr. ALAN SMITH leaves on travel to Kenya where he will continue research on the Mt. Kenya Giant Senecios. Dr. Smith is expected back around mid November.

EXPIRATION OF DOCUMENTS:

We remind you to check periodically the expiration dates on your official documents, i.e., passport, special residency permit, paz y salvo, driver's license, etc. Please begin making arrangements with MARIA LORENA OSSA for a new special residency permit at least one month before the current permit expires.

NOTES OF INTEREST:

EXPO:

Have some free time? Stop by Plaza Paitilla (mezzanine) and enjoy RENARE'S Expo - titled "Renare Expo Futuro".

NEW FIELD STATION IS OPEN:

Blue Mountain Field Station, Jamaica, is now open and has received its first visitors.

The station offers facilities and full accommodation for professional and amateur biologists, geologists and workers in all areas of terrestrial ecology. It is situated at 2800 feet in the foot hills of the Blue Mountains. It comprises 600 square feet of laboratory and study space, has 60 feet of bench length, electricity and water, and essential equipment such as stereomicroscopes.

Further enquiries should be made to: Dr. B.E. Freeman, Reader in Animal Ecology, Department of Zoology, University of the West Indies, Kingston 7, Jamaica.

SEMINAR FOR HIGH SCHOOL STUDENTS:

During the week of August 4th to the 7th, STRI and the MINISTRY OF EDUCATION programmed a seminar on Ecology and Environmental Conservation for approximately 35 students of Panama and Colon high schools.

PERSONNEL:

HUGH CAFFEY is the new Biological Technician at Galeta Lab as of August 5, he will be replacing JEFF BURGETT who will be leaving August 18.

FOR SALE:

WATER HEATER:

Sears 30 gallon water heater, 1 yr. old, \$250.00, call Sylvia Churgin - 52-2914.

VEHICLES:

Two Smithsonian owned vehicles are offered for sale to the public as separate items:

Vehicle 1: 1981 - Oldsmobile Cutlass Sedan, air conditioning, power steering, power brakes, 8 cylinder diesell engine, color beige, AM/FM radio 4 dr., automatic transmission, approximate mileage 57,000.

Vehicle 2: 1981 - Dodge Omni, 4 dr., vinyl seats, 4 cylinder rack & pinion steering, air conditioning, color white, 4 disc transmission, fornt disc brakes, radio, cruise control, approximate mileage 35,000.

CONTINUE ON BACK:

VEHICLES FOR SALE (continue):

Bids must be received in sealed envelopes no later than 2:00 p.m. on AUGUST 22. Envelopes are to be clearly marked: "Vehicle 1 - Oldsmobile" or "Vehicle 2 - Dodge". Payment for the vehicles must be made in cash or certified check to the Smithsonian Institution, and vehicles must be paid for and removed within 7 calendar days of bid acceptance. The vehicles are offered for sale - as is/where is - basis. The Smithsonian reserves the right to reject any or all offers and waive informalities and minor irregularities in offers received. In case of identical bids, the owner will be determined by drawing. For further details please call Mr. RAMON ELY, 52-5539.

L I B R A R Y N E W S

NEW BOOKS RECEIVED IN THE LIBRARY:

- 1.-BIOLOGY OF MISTLETOES. (M. Calder and P. Bernhardt, editors 1983). QK 495 L87 B61 STRI.
- 2.-CATALOGUE OF THE ARANEAE DESCRIBED BETWEEN 1940 and 1981. (P. M. Brignoli, 1983). QL 458 4 B743 1983X STRI REF.
- 3.-COMMON INTERTIDAL INVERTEBRATES OF THE GULF OF CALIFORNIA. (R. C. Brusca, 1980). QL 225 B78 1980X STRI.
- 4.-DIVING AND ASPHYXIA: A COMPARATIVE STUDY OF ANIMALS AND MAN. (R. Elsner and B. Gooden, 1983). RC 1015 E47 1983X STRI.
- 5.-DOMESTIKATION: VERARMUNG DER MERKWELT. (H. Hemmer, 1983). SF 41 H48 1983.
- 6.-ECOLOGY OF ANIMAL MOVEMENT. (J. R. Swingland and P. J. Greenwood, editors 1983). QL 754 E27 1983X STRI.
- 7.-ECOTOXICOLOGY: THE STUDY OF POLLUTANTS IN ECOSYSTEMS. (F. Moriarty, 1983). QH 545 A1 M668 1983X STRI.
- 8.-ETHOLOGY AND POPULATION BIOLOGY OF TRAPEZIA, A XANTHIC CRAB SYMBIOTIC WITH REEF CORALS, WITH SPECIAL REFERENCE TO TERRITORIALITY AND SPECIATION. (M. E. Huber, 1983). QL 444 M33 H87 1983 STRI.
- 9.-EVOLVING BIOSPHERE. (P. L. Forey, editor, 1981). QH 366 2 E 874X STRI.
- 10.-EXPLANATION OF ORGANIC DIVERSITY. (M. Ridley, 1983). QH 546 R54 1983 STRI.
- 11.-FIELD GUIDE TO THE BIRDS OF SOUTHERN AFRICA. (I. Sinclair, 1984). QL 692 A35 S616 1984 STRI.
- 12.-FOSSILS AND THE HISTORY OF LIFE. (G. G. Simpson, 1983). QE 711 2 S 55 STRI.
- 13.-FRESHWATER AQUACULTURE DEVELOPMENT IN CHINA. (Food and Agriculture Organization of the United Nations, 1983). SH 159 F885 1983 STRI.
- 14.-FROGS OF WESTERN AUSTRALIA. (M. J. Tyler, 1983). QL 668 E2 1983 STRI.
- 15.-HUASTIC MAYAN ETHNOBOTANY. (J. B. Alcorn, 1984). F 1221 H8 A35 1984 STRI.
- 16.-INSECT COMMUNICATION. (T. Lewis, editor 1984). QL 496 I386 1984 STRI.
- 17.-INSECTS AND FLOWERS: THE BIOLOGY OF A PARTNERSHIP; TRANSLATED BY M. A. BIDERMAN THORSON. (F. G. Barth, 1985). QK 926 B28 1985 STRI.
- 18.-INSECTS OF THE WORLD. (A. Wootton, 1984). QL 463 W876 1984X STRI.
- 19.-LIFETIME'S RECOLLECTIONS OF DENYA TRIBAL BEEKEEPING. (J. Nightingale, 1983). SF 531 K4 N68 1983 STRI.
- 20.-MARSHEs OF THE OCEAN SHORE: DEVELOPMENT OF AN ECOLOGICAL ETHIC. (J. W. Siry, 1984). QH 541 5 S24 S57 1983X STRI.
- 21.-MECHANISMS OF MORPHOLOGICAL EVOLUTION: A COMBINED GENETIC, DEVELOPMENTAL AND ECOLOGICAL APPROACH. (W. Arthur, 1984). QH 371 A 76 1984 STRI.
- 22.-MYCORRHIZAL SYMBIOSIS. (J. L. Harley, 1983). QK 604 H28 1983 STRI.
- 23.-NATURAL HISTORY OF NEMATODES. (G. O. Poinar, 1983). QL 391 N4 P64 1983 STRI.
- 24.-ORCHIDS OF PAPUA NEW GUINEA. (A. Miller, 1978). QK 495 064 M53 1978X STRI.
- 25.-PETROLOGY OF ARCHAEOLOGICAL ARTEFACTS. (D. R. C. Kempe & A. P. Harvey, editors 1982). CC 79 P4 P47 1983X STRI.
- 26.-ROBERTS BIRDS OF SOUTH AFRICA. 5th edition. (A. Roberts, 1984). QL 692 A35 R64 1984.
- 27.-SUBLITTORAL ECOLOGY: THE ECOLOGY OF THE SHALLOW SUBLITTORAL. (R. C. Earll, 1984). QH 541 5 S87 S9 1983X STRI.
- 28.-SYNOPSIS OF THE SOUTH AMERICAN LABIATAE. (1936-) (C. C. Epling, 1937). QK 495 L15 E64 1937 STRI.
- 29.-SYSTEMS ECOLOGY: AN INTRODUCTION TO ECOLOGICAL MODELLING. (R. L. Kitching, 1983). QH 541 15 E45 K57 1983X STRI.
- 30.-WATER RELATIONS OF PLANTS. (P. J. Kramer, 1983). QK 870 K7 1983X STRI.

NEW JOURNALS RECEIVED IN THE LIBRARY

- 1.-AQUACULTURE AND FISHERIES MANAGEMENT. 1985- vol. 16 no.1-
- 2.-ENVIRONMENTAL ETHICS. 1983- vol. 5-
- 3.-ENVIRONMENTAL POLLUTION SERIES A: ECOLOGICAL AND BIOLOGICAL. 1984- vol. 33, 34 & 35-
- 4.-INSECTA MUNDI. 1985- vol. 1-
- 5.-JOURNAL OF ANTHROPOLOGICAL ARCHAEOLOGY. 1985- vol. 4-
- 6.-JOURNAL OF MATHEMATICAL BIOLOGY. 1984- vol. 22-
- 7.-STUDIA ENTOMOLOGICA. 1958-1977- vols. 1-20.