



SEMINAR

The luncheon seminar on Tuesday, August 5 will be given by WILLIAM BOECKLEN, Northern Arizona University, on:

Size and shape of ecological communities with special reference to sawfly assemblages on Arroyo Willows

This month, NEAL SMITH assumes the responsibility of coordinating seminars.

ARRIVALS & DEPARTURES

DAGMAR WERNER left this week to give a talk at the meetings of the Society for the Study of Amphibians and Reptiles in Springfield, Missouri. She will also consult with colleagues in the US and will return August 19.

August 3 - Arriving, HENRY HOWE, University of Iowa, to continue studies on the ecology of a neotropical seeddispersal system and work on seedling maps of Virola surinamensis.

August 7 - Arriving, WOLFGANG NENTWIG, Universitat Regensburg, Germany and H. ROGG, to study spiders until August 30.

August 9 - Leaving, DON WINDSOR to the U.S. on home leave until mid-September.

VOLUNTEERS

We would like to have a listing of volunteers working at the various STRI facilities during this fiscal year (from October 1, 1985 through September 30, 1986) for possible inclusion in the annual report. Please send information including volunteer's name, supervisor and work duration to G. de Alba at Ancon.

LIBRARY NEWS

The Library is distributing the latest Library Acquisition List, No. 6 which represents all the new materials acquired since January 1986. Ask library staff for a copy.

List of new books on the back.

THIS MONTH

AUGUST 1986						
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
31						

August 6 - Thirty diplomats from various countries stationed in Panama will visit BCI.

August 12 - The regular monthly scientific staff meeting will be held at 9:30 am in the Ancon Conference Room.

August 22 - MATHIAS KOCHUMMEN, Kepong Gardens, and ENG FENG KUAH Petaling Gardens, Malaysia will visit the Forest Dynamics Project on BCI. S. HUBBELL is scheduled to arrive with them.

August 25 - MADHAV GADGIL, Indian Institute of Science, will visit STRI for 3 days and will present a seminar.

TELEPHONES

All 52 numbers in Ancon were changed. The Tivoli and Library numbers are in the process of being changed. There is a possibility that 5539 (Tivoli) will remain the same. The number changes are as follows:

- Tivoli and Library
- 52-5003 - 62-3053
 - 52-5004 - 62-3049 Travel
 - 52-6336 - 62-3203
 - 52-5100 - 62-3109 Procurement
 - 52-2490 - 62-3224
 - 52-2554 - 62-3415 Director's Of.
 - 52-5539 - 62-3134 *
 - 52-5669 - 62-3172
 - 52-2914 - 62-3151 Library
 - 52-5659 - 62-3158

- Ancon
- 52-2485 - 62-2009
 - 52-5574 - 62-2014
 - 52-5976 - 62-2008

*might not change

GOOD NEWS

DINIZ RAMOS, formerly with the Iguana Management Project, and EYSEL CASTILLO, who worked with the Forest Dynamics Project on BCI, were awarded fellowships by the German Embassy to continue graduate studies at the University of Costa Rica.

LIBRARY NEWS

New books:

- ACID DEPOSITION AND THE ACIDIFICATION OF SOILS AND WATER (J.O.Reuse and D.W. Johnson, 1986) S593.5.R48 STRI
- ANIMAL ORIENTATION AND NAVIGATION: PROCEEDINGS OF THE TWENTY-SEVENTH ANNUAL BIOLOGY COLLOQUIUM (Robert M. Storm, 1967) QP443.B 615 STRI
- ASPECTOS DE LA DISTRIBUCION Y REPRODUCCION DE LA PIABUCINA (Marta L. Arauz, 1986) QL630.P2A66 STRI
- BIOLOGY AND ECOLOGY OF MANGROVES. (H.J. Teas, editor, 1983) QH541.5.M27B56 STRI
- BIOLOGY OF TERRESTRIAL ISOPODS: THE PROCEEDINGS OF A SYMPOSIUM... (S.L. Sutton and D.M. Holdich, 1984) QL444.M34B615 STRI
- BIOLOGY OF NEW WORLD MICROTUS (Robert H. Tamarin, editor, 1985) QL737.R638B615STR1
- BIRDS OF THE ATLANTIC ISLANDS (David Armitage Bannerman, 1963-68) QL694.5.B3 STRI
- BIRDS OF THE MALAY PENINSULA, SINGAPORE AND PENANG... (A.G. Glenister, 1951) QL691.M3G5 STRI
- CACIQUES: OLIGARCHICAL POLITICS AND THE SYSTEM OF CACIQUTISMO IN THE LUSO-HISPANIC WORLD. (Robert Kern editor, 1973) JL958.K47 STRI
- COLOURS OF ANIMALS: THEIR MEANING AND USE, ESPECIALLY CONSIDERED IN THE CASE OF INSECTS. (E.B. Poulton, 1890) QL496.P87 STRI
- CONCEALING-COLORATION IN THE ANIMAL KINGDOM... (G.H. Thayer, et al editors, 1909) QL767.T6 STRI
- CONTEMPORARY CULTURES AND SOCIETIES OF LATIN AMERICA: A READER IN THE SOCIAL ANTHROPOLOGY OF MIDDLE AND SOUTH AMERICA. (D.B. Heath editor, 1974) HN 110.5.A8H4 STRI
- DANGEROUS TO MAN: WILD ANIMALS: A DEFINITIVE STUDY OF THEIR REPUTED DANGERS TO MAN. (R.A. Caras, 1964) QL95.C3 STRI
- DRAWING ARCHAEOLOGICAL FINDS (AR.C. C. Brodribb, 1971) CC77.B73 STRI
- DURICRUSTS IN TROPICAL AND SUBTROPICAL LANDSCAPES (A. Goudie, 1973) GB649.D8G68
- EARTHWORMS: THEIR ECOLOGY AND RELATIONSHIPS WITH SOILS AND LAND USE. (K.E. Lee, 1985) QL391.A6L44 STRI
- ECOLOGY OF WOODLAND RODENTS: BANK VOLES AND WOOD MICE: PROCEEDINGS OF A SYMPOSIUM... (J.R. Flowerdew, J.Gurnell, and J.H.W. Gipps, editors, 1985) QL737.R638E19
- ETUDE DE LA CROISSANCE DE LAMINARIA LONGICRURIS DANS LA BAIE DES CHALEURS (L. Gendron, 1985) QK569.L2G32 STRI
- EVOLUTION AS ENTROPY: TOWARDS A UNIFIED THEORY OF BIOLOGY (D.R. Brooks, 1986) QH371.B69 STRI
- EVOLUTION: ESSAYS IN HONOUR OF JOHN MAYNARD SMITH (P.J. Greenwood, P.H. Harvey and M. Slatkin, editors, 1985) QH366.2E852 STRI
- EVOLUTION OF LIFE (F.H.T. Rhodes, 1962) QH367.R49 STRI
- FISHES OF THE KYUSHU-PALAU RIDGE AND TOSA BAY: THE INTENSIVE RESEARCH OF UNEXPLOITED FISHERY RESOURCES ON CONTINENTAL SLOPES (O. Okamura et al, editors, 1982) SH109.F53 STRI
- FLOWERING PLANTS: ORIGIN AND DISPERSAL. (A.L. Takhtadzhian, translated by C. Jeffrey, 1969) QK495.A56T323 STRI
- FOUNDATIONS OF COMPARATIVE ETHOLOGY (G.M. Burghardt , 1985) QL751.6.F67 STRI
- GALAPAGOS FINCHES (GEOSPIZIDNAE) A STUDY IN VARIATION (D.Lack, 1945) QL11.C18 no.21 STRI
- GULIANA: BRITISH, DUTCH, AND FRENCH (James Rodway, 1912) F2351.R69 STRI
- GUIDE TO THE BIRDS OF COLUMBIA (S.L. Hilty and W.L. Brown, 1986) QL689.C7H55 STRI
- HISTORY OF THE INCAS. TRANSLATED FROM THE FRENCH BY GEORGE ORDISH (A. Metraux, 1969) F3429.M613 STRI
- INSECT ARCHITECTURE (J. Rennie, 1830) QL496.R416 STRI
- INTRODUCTION TO THE MATHEMATICS OF NEURONS (F.C. Hoppensteadt, 1986) QP363.3H67 STRI
- LANGUAGE OF TAXONOMY: AN APPLICATION OF SYMBOLIC LOGIC TO THE STUDY OF CLASSIFICATION SYSTEMS (J.R. Gregg, 1954) BD241.G68 STRI
- LATIN AMERICAN TRADITION: ESSAYS ON THE UNITY AND THE DIVERSITY OF LATIN AMERICAN CULTURE. (Charles Wagley, 1968,) F1408.3.W3 STRI
- LIFE OF CRUSTACEA (W.T. Calman, 1911) QL435.C16 STRI
- LIST OF NEW GUINEA BIRDS: A SYSTEMATIC AND FAUNAL LIST OF THE BIRDS OF NEW GUINEA AND ADJACENT ISLANDS. (Ernest Mayr... , 1941) QL694.N4M3 STRI
- MEMORIA: VI SIMPOSIA SOBRE EL MEDIO AMBIENTE DEL GOLFO DE CALIFORNIA, HERMOSILLO, SONORA (SARH, 1981) QH107.S612 STRI
- MANUAL OF THE VERTEBRATE ANIMALS OF THE NORTHERN UNITED STATES... 5rd edition (D.S. Jordan, 1888) QL155.J816 STRI
- MANDARIN DUCK. (C.Savage, 1952) QL696.A5S263 STRI
- MAYA HIEROGLYPHIC WRITING: AN INTRODUCTION 2nd ed. (J.E.S. Thompson) QPM3962.T48 STRI
- MEMORIA DE LA REUNION NACIONAL DE JARDINES BOTANICOS... (Mexico, 1985) QK72.M6R44 STRI
- METAMORPHOSIS: THE EIGHTH SYMPOSIUM OF THE BRITISH SOCIETY FOR DEVELOPMENTAL BIOLOGY (Michael Balls and Mary Bownes, editors, 1983) QL981.B75 STRI
- MDA: A STUDY OF THE DINORNITHIFORMES (G. Archey, 1941) QE 872.D5A7 STRI
- MY TROPICAL AIR CASTLE: NATURE STUDIES IN PANAMA (Frank M. Chapman... 1929) QH81.C46m 2nd copy STRI
- OXFORD DICTIONARY OF NATURAL HISTORY (M. Allaby editor, 1985) QH13.09 STRIREF
- PHEASANTS, THEIR LIVES AND HOMES. (William Beebe, 1926) QL696.G2B41p STRI
- PHOTOGRAPHIC ANALYSIS OF A FEATHER (J.S. Gladstone..., 1918) QL697.G54 STRI
- PRELIMINARY SURVEY OF THE BIRDS OF SAN BLAS (COARCA DE KUNA YALA) (John G. Blake, 1985) QL687.P2B63 STRI
- PROBLEMS OF BIOLOGY (John Maynard Smith, 1986) QH307.ZM38 STRI
- RESEARCHES, CONCERNING THE INSTITUTIONS & MONUMENTS OF THE ANCIENT INHABITANTS OF AMERICA... (Alexander Humboldt, 1814.) F1219.H91 STRI
- SEASONAL ADAPTATIONS OF INSECTS (Maurice J. Tauber, Catherine A. Tauber & Sinzo Masaki, 1986) QL495.T37 STRI
- SOME VERTEBRATE ANIMALS OF SEYLON (P.E.P. Deraniyagala, 1949) qQL334.C4D4 STRI
- SUPPLEMENT TO THE HANDBOOK OF MIDDLE AMERICAN INDIANS. VOL. 1- F1434.H231 STRIREF
- SYNOPTIC PLATES OF HIGHER MARINE FUNGI 2nd edition (Jan and Ericka Kohlmeyer, 1964) QK618.K79 STRI
- TRAITE DE ZOOLOGIE: ANATOMIE SYSTEMATIQUE, BIOLOGIE VOL.1- QL45.T7 STRIREF
- TRIBE THAT HIDES FROM MAN. (A. Cowell, 1973) F2520.1.K7C68 STRI
- VARIATION OF ANIMALS & PLANTS UNDER DOMESTICATION. (Charles Darwin: edited by Francis Darwin, 1985) popular edition. QH365.V2 STRI

FOR THOSE NEEDING A CHANGE
From our resident historian

THE NEED OF A VACATION BY
PERSONS WORKING IN THE
HUMID TROPICS IS VERY GREAT.
FURTHERMORE, THE VACATION
SHOULD MEAN A CHANGE OF
CLIMATE THRU A CHANGE OF
LATITUDE, i.e. COLDNESS DUE TO
HIGH ALTITUDE IS NOT SAME AS
COLD BROUGHT ABOUT BY LATITUDE
LATITUDE CHANGE.

(1922 by specialist in tropical insects.
James Zetek, to his boss in the U.S.D.A.)