



**SEMINARS - ANCON CONFERENCE ROOM**

The luncheon talk on June 2 will be given by HOWARD LASKER from the University of New York at Buffalo. His title:

Population Dynamics of a Caribbean Gorgonian: sensitivity to environmental and life history variables.

**NEXT WEEK:**

The luncheon talk on June 9 will be given by CAROL STONEY from Washington, D.C. and the Iguana Management Project. Her title:

Agroforestry Methods for Sustainable Land Use.

**ARRIVALS & DEPARTURES**

May 28 - Departing, NICHOLAS SMYTHE, on a short vacation and to Albuquerque, New Mexico, to attend the Meetings of the American Society of Mammalogists. He will also be attending the Meetings of the Asociaci3n Mexicana de Mastozologia in Cancun. He will be back on July 1.

May 29 - Departing, RAMON ELY, for Edmonds, Washington, to visit the Munson Manufacturing Co., builders of the new STRI vessel.

May 30 - Departing, JAMES KARR, on a short vacation to Europe, and official business in Washington, D.C. He will be back on June 17.

May 31 - Arriving, GABOR LOVEI, from the Hungarian Academy of Sciences, to collaborate with Henk Wolda in the analysis of data from the Hungarian Light-trap Network. He will be in Ancon during June.

May 31 - Departing, Leonor Motta, for 1 week official business in Washington, D.C.

June 1 - Arriving, ROBIN MANASSE, from the University of California at Davis, to continue her study on the genetic, anatomical and ecological correlates of seed size variation in Crinum erubescens. She will be on BCI during June.

June 1 - Arriving, CATHERINE CRAIG, from Yale University, and LUCY BERNARD to study the influence of insect visual capabilities on the evolution of araneid foraging strategies. They will be on BCI until Aug 30.

June 1 - Arriving, DOLORES PIPERNO, from Temple University, and MARK HUGHES to work in La Yeguada and Las Santanas in the highlands of the Province of Veraguas.

June 2 - Departing, IRA RUBINOFF, for official business in Washington, DC, London and Malaysia. He will be back on June 13.

June 3 - Arriving, ROBERT BUSCHBACKER, from the Conservation Foundation, for one week to consult about the reforestation plan of the Iguana Management Project.

June 4 - Arriving, KAORU KITAYIMA, from the University of Illinois, to do a comparative study of photosynthetic and growth characteristics of neotropical seedlings. She will be on BCI until July 3.

June 5 - Arriving, DAVID BLEST, from the Australian National University, to study the physiological optics, ethology and ecology of neotropical jumping spiders. He will be on BCI until October 15.

June 7 - Arriving, DAVID FLIETNER, from the University of Florida to work with Alan Smith. He will be on BCI until August 31.

Also arriving in early June are KATIE MILTON (University of California at Berkeley), and the new members of the oil spill staff, VASIL ZLATARSKI and BRIAN KELLER. Dr. Milton will be on BCI studying howler monkeys until August 7.

**CALENDAR**

JUNE 1987						
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				

June 5 - International Day for the Environment.

June 21 - Father's Day.

June 23 - Scientific Staff Meeting.

June 24 - Volcan Baru National Park (Panama) was declared in 1976.

1987 PUBLICATIONS BY STRI STAFF,  
FELLOWS & RESEARCH ASSOCIATES

Fraga, Rosendo. 1987. "Vocal Mimicry in the Epaulet Oriole." Condor 89: 133-137.

Freed, Leo. 1987. "Rufous and White Wrens Kill House Wren when Nestlings During a Food Shortage." Condor 89: 195-197.

LIBRARY NEWS

The STRI Library will be closing at 4 p.m. on June 5 for fumigation, and will not reopen until Monday.

Note that new reading lights have been installed in the study carrels.

SEMINAR AT UNIVERSITY OF PANAMA

EMILIO HERRERA, a STRI postdoctoral fellow, will be giving a talk at the Paraninfo of the University of Panama (behind the bookstore) at 9:30 a.m. on June 4th. His subject will be "Behavior of the Capybara in Venezuela and Panama".

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El Dr. EMILIO HERRERA, becario de STRI, ha sido invitado por el Departamento de Fisiología y Comportamiento Animal de la Escuela de Biología a dar una charla, en el Paraninfo de la Ciudad Universitaria, el 4 de junio a las 9:30 a.m. La conferencia tratara sobre "El Comportamiento del Capybara en Venezuela y Panama".

NOTA LUCTUOSA

La comunidad científica mundial ha perdido a uno de sus mas valiosos zoólogos, el Dr. ARCHIE F. CARR de la Universidad de Florida en Gainesville, E.E.U.U. El Dr. Carr era conocido por su extraordinario don de gente, y su dedicacion al estudio científico y conservacion de las tortugas marinas alrededor del mundo. En Panama, el Dr. Carr estimulo el interes científico y los esfuerzos conservacionistas de las tortugas marinas del Istmo por medio de su asesoramiento, apoyo e inagotable entusiasmo.

RELATED NEW BABY

Born to Rossana and Michael Marshall, a healthy baby boy, on April 14. MICHAEL ARTHUR weighed 9 lbs. 14 ozs. at birth.

VOLUNTEERS

The Red Cross Office has informed us they have enthusiastic youngsters, ages 13 to 17 years old, some with general clerical skills, some with typing skills, who would like to volunteer their services between June 24 - August 15. They are high-school students, mainly from the U.S. military community. If interested, call 87-5509.

FOR SALE

A 1985 Panasonic Computer (Zenith) - Sr. Partner Portable, with 512K. Epson printer LX80 included. \$1400. If interested, call Hector Guzman at Naos.

LANGUAGE CONTEST - SECOND CHANCE



This environmental sticker is still available. We are giving contestants another chance to win if they can identify the language. The figures shown are a RED KITE and a WOOD PIGEON; the geographical area is somewhere in extreme WESTERN EUROPE.

Any ideas - call Neal Smith at Ancon.

## NEW BOOKS

- AMERICAN HERITAGE LAROUSSE SPANISH DICTIONARY. SPANISH/ENGLISH, ENGLISH/SPANISH 1986  
PC4640.A54 STRIREF
- ANALYSIS OF ANIMAL BONES FROM ARCHEOLOGICAL SITES (Richard B. Klein and Kathryn Cruz-Urbe, 1984) CC79.5.A5K58 STRI
- ANCIENT SEDIMENTARY ENVIRONMENTS AND THE HABITATS OF LIVING ORGANISMS: INTRODUCTION TO PALAEOECOLOGY (Jean-Claude Gall, 1983) QE720.G3413 STRI
- ANIMAL BEHAVIOR: AND ITS APPLICATIONS (DEREK V. ELLIS, 1985) QL751.E498 STRI
- ATLAS OF FOSSIL MAN (C. Loring Brace, Harry Nelson and Noel Korn, 1971)  
GN282.B7 STRI
- ANTILLEAN FISH GUIDE (Bart de Boer...et al, editors, 1973) QL621.65.B67 STRI
- BEHAVIOR OF DOMESTIC ANIMALS (Benjamin L. Hart, 1985) SF756.7.H37 STRI
- BIOLOGICAL MICROCALORIMETRY (A.E. Beezer, editor, 1980) QH324.9.C3B56 STRI
- BACHMAN'S WARBLER, A SPECIES IN PERIL (Paul B. Hamel, 1986) QL696.P2438H36 STRI
- CAMPOMANESIA, PIMENTA, BLEPHAROCALYX, ACCA, MYRRHINIUM, AND LUMA (MYRTACEAE) (Leslie R. Landrum, 1986) QK495.M9L26 STRI
- COMMUNITY TOXICITY TESTING: A SYMPOSIUM SPONSORED BY ASTM COMMITTEE... (John Cairns, Jr., editor, 1986) RA1199.C645 STRI
- ECONOMICS OF TROPICAL FARM MANAGEMENT (J.P. Makeham, and L.R. Malcolm, 1986)  
S562.T7M35 STRI
- ELSEVIER'S DICTIONARY OF BOTANY (P. Macura, compiler, 1979-1982.) QK9.E47 STRIREF
- ELSEVIER'S WOOD DICTIONARY IN SEVEN LANGUAGES (W. Boerhave Beekman, compiler, 1964- )  
SD431.E49 STRIREF
- EVOLUTIONARY PROCESS: A CRITICAL REVIEW OF EVOLUTIONARY THEORY (Verne Grant, 1985)  
QH366.2.G67 STRI
- FIELD GUIDE TO ATLANTIC COAST FISHES OF NORTH AMERICA (C. Richard Robins and G. Carlton Ray, 1986) QL621.5.R63 STRI
- FISHES OF THE ATLANTIC COAST: CANADA TO BRAZIL, INCLUDING THE GULF OF MEXICO... (Gar Goodson, 1985) QL621.5.G66 STRI
- FORCE AND PERSUASION: LEADERSHIP IN AN AMAZONIAN SOCIETY (Waud H. Kracke, 1978)  
F2520.1.P4K72 STRI
- GENETICS, DEVELOPMENT, AND EVOLUTION: 17th STADLER GENETICS SYMPOSIUM (J. Perry Gustafson, G. Leduard Stebbins and Francisco J. Ayala, editors, 1986)  
QH426.S73 STRI
- GEOPHYSIOLOGY OF AMAZONIA: VEGETATION AND CLIMATE INTERACTIONS (Robert E. Dickinson, editor, 1987) QC988.A66G46 STRI
- KINGSHIP AND SACRIFICE: RITUAL AND SOCIETY IN ANCIENT HAWAII (Valerio Valeri; translated by Paula Wissing, 1985) BL2620.H3V35 STRI
- LEACH BIOLOGY AND BEHAVIOR 3 volumes. (Roy T. Sawyer, 1986) QL391.A6S28 STRI
- MANAGEMENT OF WILD MAMMALS IN CAPTIVITY (Lee S. Crandall, 1964) QL738.C89 STRI
- MEMBRANE RECEPTORS AND CELLULAR REGULATION: A UCLA SYMPOSIUM HELD IN PARK CITY, UTAH.. (Michael P. Czech, and C. Ronald Kahn editors, 1985)  
QH603.C43M46 STRI
- MONOGRAPH ON THE POLYCHAETA OF SOUTHERN AFRICA (J.H. DAY, 1967) QL391.P9D27 STRI
- NATURAL HISTORY OF THE DUCKS (JOHN C. PHILLIPS ET AL., 1986) 4v. in 2. originally published in 1926. QL696.A52P47 STRI
- NATURAL RESOURCES: BUREAUCRATIC MYTHS AND ENVIRONMENTAL MANAGEMENT (Richard L. Stroup and John A. Baden, 1983) HC103.7.S84 STRI
- OCEANS 2nd edition (Karl K. Turekian, 1976) GC16.T8 STRI
- PATTERNS AND PROCESSES IN THE HISTORY OF LIFE... (D.M. Raup, and D. Jablonski, editors, 1986) QH359.D34 STRI
- PERSPECTIVES IN BEHAVIOR GENETICS (John L. Fuller, and Edward C. Simmel, editors, 1986) QH457.P47 STRI
- PHOTOIMMUNOLOGY (John A. Parrish, Margaret L. Kripke, and Warwick L. Morison, editors, 1983) RL72.P46 STRI
- POLAROGRAPHIC OXYGEN SENSORS: AQUATIC AND PHYSIOLOGICAL APPLICATIONS (E. Gnaider and H. Forstner, editors, 1983) QP535.O1P58 STRI
- PREDATION: DIRECT AND INDIRECT IMPACTS ON AQUATIC COMMUNITIES (W. Charles Kerfoot and Andrew Sih, editors, 1987) QH541.5W3P74 STRI
- PROPAGATION OF TROPICAL AND SUBTROPICAL HORTICULTURAL CROPS (T.K. Bose, S.K. Mitra and M.K. Sadhu, editors, 1986) SB119.P96 STRI
- SEED STORAGE PROTEINS... (Sir Leslie Fowden and B.J. Mifflin, editors, 1984)  
qQK898.P8R69 STRI
- SEVEN CLUES TO THE ORIGIN OF LIFE: A SCIENTIFIC DETECTIVE STORY (A.G. Cairns-Smith, 1985)  
QH325.C24 STRI
- SMITHSONIAN GUIDE TO SEASIDE PLANTS OF THE GULF AND ATLANTIC COASTS ... (Wilbur H. Duncan and Marion B. Duncan, 1987) QK122.D86 STRI
- SOCIAL ADAPTATION TO FOOD STRESS: A PREHISTORIC SOUTHWESTERN EXAMPLE. (Paul E. Minnis, 1985) E99.M76M56 STRI
- SOCIOLOGICAL HUMAN ECOLOGY: CONTEMPORARY ISSUES AND APPLICATIONS (Michael Micklin and Harvey M. Choldin, editors, 1984) HM206.S62 STRI
- SOUTH AMERICAN HERPETOFAUNA: ITS ORIGINS, EVOLUTION, AND DISPERSAL (William E. Duellman, editor, 1979) QH1.K16m STRI
- SPIDER MITES: THEIR BIOLOGY, NATURAL ENEMIES, AND CONTROL (W. Helle and M.W. Sabelis, 1985)  
qQL458.2.T4S65 STRI
- SUBMARINE FANS AND RELATED TURBIDITE SYSTEMS (Arnold H. Bouma, William R. Normark, and Neal E. Barnes, editors, 1985) GC87.6.S92S82 STRI
- SYMBOLS THAT STAND FOR THEMSELVES (Roy Wagner, 1986) GN452.5.W33 STRI
- TERMINAL EOCENE EVENTS (Ch. Pomerol and I. Premoli-Silva editors, 1986) QE692.2.T47 STRI
- TERRESTRIAL PLANT ECOLOGY 2nd edition (Michael G. Barbour, Jack H. Buck and Wanna D. Pitts, 1987) QK901.B345 STRI

MORE NEWS      GEOBASE (File 292)

DIALOG has just announced the addition of the database of Geo Abstracts Ltd., (File 292). The file includes all references published in the journals:  
Geographical (formerly Geo) Abstracts: parts A-G  
International Development Abstracts  
the Geological Abstracts Series (Geophysics and Tectonics, Economic Geology, Paleontology and Stratigraphy, Sedimentary Geology  
Mineralogical Abstracts  
Ecological Abstracts

In addition, the database covers related material not included in these printed publications. Over 2,000 journals are fully covered, and an additional 3,000 are covered partially. Over 2,000 books, monographs, conference proceedings, and reports are also indexed.

Coverage includes a wide range of topics of interest to geologists, geographers, ecologists, social planners, and others. Subject areas include climatology, hydrology, natural resources, regional studies, social and urban geography, and many more.

GEOBASE expands DIALOG's offering of earth science information as well information on social policy concerning environmental issues, urban planning, and material on research development of third-world countries.

MISSING IN ACTION

VOX MODERN SPANISH AND ENGLISH DICTIONARY: ENGLISH-SPANISH/SPANISH-ENGLISH/  
dictionary compiled by the editors of Biblograf, S.A.; Lincoln, Ill., U.S.A.  
1986. PC4640.V694 STRIREF.

Please return to the library. It will not be replaced again.

NEW JOURNALS

BIOCHEMICAL GENETICS  
BIOCEMIE UND PHYSIOLOGIE DER PFLANZEN  
FLORA: MORPHOLOGIE, GEOBOTANIK, OEKOPHYSIOLOGIE  
JOURNAL OF CELL SCIENCE  
RADIATION AND ENVIRONMENTAL BIOPHYSICS

