<u>STRI NEWSLETTER</u>

ARRIVALS AND DEPARTURES

Sept. 5 - Arriving, OLGA LINARES, after 9 months of doing research & lecturing at St. John's College, Cambridge, Univ., England, as an Overseas Visiting Fellow.

Sept. 6 - Arriving MELVIN TYREE, from the Univ. of Vermont, and will return on September 13.

Sept. 8 - Arriving, JOHN W. DALY, from National Institute of Health to make collection of Dendrobatid frog populations in Bocas del Toro and Panama. He will be staying in Bocas del Toro until September 19th.

Sept. 8 - Arriving, PHILIP DEVRIES a new Post-Doc to work on the biology of ant association and nectar feeding in larval riodinid butterfly. He will be staying at BCI until August 31, 1988.

Sept. 8 - Departing, JIM KARR to Washington, D.C. on official business returning to STRI on September 14.

Sept. 9 - Arriving, CAROLYN DECLERCK, from the University of California, Davis, Short-Term Fellow to study the molecular and morphological divergence in mesogastropods that have different reproductive modes. She will be at Naos until December 3.

Sept. 10 - JOSE LUIS MACHADO, to work with Drs. Phyllis Coley/Tom Kursar in the project "Patterns of Leaf Development in Tropical Species:Implications for Carbon Gain and Herbivory".

SEMINARS-ANCON CONFERENCE ROOM

The luncheon seminar on Tuesday Sept. 8, will be given by MELVIN TYREE, from the University of Vermont.

"Water relations of trees:an overview from cellular to whole plant level"

The same evening he will give another seminar.

"Cavitation, hydraulic architecture, and Zimmerman's plant segmentation hypothesis: a question - "Do tree operate at the brink of catastrophic failures?"

(There is no luncheon talk scheduled for September 15. Check your bulletin board for news.)

1987 - PUBLICATIONS BY STRI STAFF FELLOWS AND RESEARCH ASSOCIATES

Karr, James R., Philip R. Yant, and Kurt D. Fausch. 1987. Spatial and Temporal Variability of the Index of Biotic Integrity in Three Midwestern Streams. Transactions of the American Fisheries Society, Vol. 116, No. 1, pp. 1 Horn, J.M., D.C. Lees, N.G. Smith, R.J. Nash, L.E. Fellows, E.A. Bell. 1987. The Urania-Omphalea Interaction: Host Plant Secondary Chemistry. Dr W. Junk Publishers, Dordrecht, ISBN 90-6193-642X. Printed in Netherlands.

GALETA MARINE LABORATORY

Use of the Galeta Marine Lab and Coco Solo housing is now being coordinated by Brian Keller, Naos. All plans for marine research near Galeta should consider the oil spill near Galeta in 1986 and the continued presence of oil slicks there. Brian also coordinates use of a field station on Isla Grande.

ASSISTANTS AVAILABLE

LESLIE G. HARTOM, is interested in volunteering with researchers, especially in the areas of marine biology and tropical forest. She is a certified diver and is also interested in the herpetology of Central and South America. For more information please contact Ms. Hartom at Tels. 84-8501 or 85-4803 -USAISC, P.O. Box 335, APO MIAMI 34004.

ITSIK JAYET, Tel. 644659. Is interested in volunteering his services in marine research. Mr. Jayet has a BS from the Florida State University.

NAOS NEWS

OLGA A. ZLATARSKI, from the Faculty of Foreign Languages, A.I. Hertzen Institute, Leningrad, offers a wide range of Courses in Spanish (or Russian) as a foreign language for individual or group students. All levels (Introductory, Beginner, Intermediate, Advanced). Flexible hours. Modern teaching methods. Length of program according to your needs. For more information contact Ms. Zlatarski at Naos Laboratory.



The third most common cause of forest fires.

LIBRARY BOOKS NEW BOOKS

BIOCHEMISTRY: A CASE-ORIENTED APPROACH(Rex Montgomery et al, 1980) QP514,2,B56 3rd edition STRI

BIRDS OF KUTCH(Salim Ali, 1945) QL691. I4A57 STRI

BIOLOGY OF THE BROMELAIDS(David H. Benzing, 1980)QK495.B76B47 STRI BUTTERFLIES OF COSTA RICA AND THEIR NATURAL HISTORY...(Philip J. vries,

1987)QL553.C67D48STRI

CATALOG OF THE CUBAN AND CARIBBEAN LIBRARY, UNIVERSITY OF MIAMI, CORAL GABLES FLORIDA(Miami, University of, Coral Gables, Fla. Library, 1977) fZ1595.M618STRI

CATALOG OF THE LATIN AMERICAN COLLECTION(Florida. University, Gainesville.

Libraries, 1973)fZ1610.F6STRI CHEMICAL SIGNALS IN VERTEBRATES:ECOLOGY,EVOLUTION, AND COMPARATIVE BIOLOGY (David Duvall, Dietland Muller-Schwarze and Robert M. Silverstein,editors 1986) QL750.I48 STRI

DESCRIPTIVE FLORA OF PUERTO RICO AND ADJACENT ISLANDS: SPERATOPHYTA

(Alain H. Liogier, 1985)QK230.L55STRI ECOLOGICAL STUDIES IN TROPICAL FISH COMMUNITIES(R,H. Lowe-McConnell, 1987)

QL637.5.L66STRI EXPERIMENTS IN MOLECULAR BIOLOGY(Robert J. Slater, editor, 1986)QH506.E96STRI FLORA NOVO-GALICIANA: A DESCRIPTIVE ACCOUNT OF THE VASCULAR PLANTS OF

WESTERN MEXICO(Roger McVaugh, 1983-)QK211.M38STRI INTRODUCTION TO MODERN MYCOLOGY(J.W.Deacon,1984)QK603.D27 19842nd editionSTRI LANDSCAPE HETEROGENEITY AND DISTURBANCE (Monica Goigel Turner, editor, 1987) QH75.L29 STRI

LIBRARY DISASTER PREPAREDNESS HANDBOOK(John Morris, 1986)Z679,6.M67 STRI POPULATION GENETICS(F.B. Christiansen, and Marcus W. Feldman, 1986)QH455, C49STRI PRE-COLUMBIAN MAN FINDS CENTRAL AMERICA; THE ARCHAEOLOGICAL BRIDGE (Doris

Stone,1972)F1434.S87STRI PRELIMINARY IDENTIFICATION MANUAL FOR MAMMALS OF SOUTH VIETNAM(P.F.D.Van Peener 1969)QL729.V66V2STRI

PROCEEDINGS OF THE NINTH INTERNATIONAL CONGRESS OF ARACHNOLOGY, PANAMA1983 (William C. Eberhard, Yael D. Lubin and Barbara C. Robinson, editors; 1986) QL458.4.158 STRI

REPRODUCTION OF MARINE INVERTEBRATES(Arthur C, Giese and John S. Pearse, 1974-QP251.G437STRI

SAND AND SANDSTONE(F.J.Pettijohn et al, 1987)QE471.2.P47 2nd ed. STRI SARD AND BANDSTOLACT. AND SARDSTOLACT. A

SELECTED PROCEEDINGS OF THE TENTH CONGRESS OF THE INTERNATIONAL PRIMATOLOGY SOCIETY(James G. Else, and Phyllis C. Lee, editors, 1986)QL737.P9153STRI STUDY OF THE CRESTED TINAMOU OF ARGENTINA(Wayne H. Bohl, 1970)QL696.T4B67STRI UNRAVELLING ANIMAL BEHAVIOR(Marian Stamp Dawkins, 1986)QL751.D375 STRI WILDLIFE2000:MODELING HABITAT RELATIONSHIPS OF TERRESTRIAL VERTEBRATES... (Jared Verner, Michael L. Morrison and C. John Ralph, 1986)

QL756.W53STRI

During the month of September, Angel Aguirre will be on annual leave from the 14th through the 25th, and Sylvia Churgin will be on annual leave from the 23rd through the 29th.