

SEMINARS - ANCON CONFERENCE ROOM

Tuesday, January 17, noon seminar speaker will be DENNIS STEVENSON, New York Botanical Garden.

Neotropical Cycads

Abstract: The systematics of the neotropical cycads will be presented and pollination biology will be discussed. Data on the coevolution of snout weevils and *Zamia* species will be presented along with morphological and cytological perspectives within this cycad genus.

NEXT WEEK

Tuesday, January 24, noon seminar speaker will be JAIME CAVELIER, Cambridge University.

Effects of Fertilization and Irrigation on Fine Root Biomass and Production in Two Tropical Rainforests.

ARRIVING

January 15 - April 15, YOLANDA GAMARRA, Universidad Industrial de Santander, Colombia, to work with David Zeh on the evolution of sexual dimorphism in neotropical pseudoscorpions.

January 15 - April 15, MARIO SOUSA, Universidad Nacional Autónoma de Mexico, to work with Neal Smith studying *Urania* moths and their larval food plant.

January 16 - March 15, ROBERT SRYGLEY, University of Texas, to continue his study on the association of flight behavior, thermal biology and palatability in neotropical butterflies on BCI.

January 17, NORMAN C. DUKE, Australian Institute of Marine Science, with his wife Margaret and two children. He will be taking over the position of mangrove ecologist for the Oil Spill Project.

January 17 - 24, PETER FRUMHOF, Harvard University, to visit STRI facilities and consult with STRI staff.

January 19 - mid February, STEVE GARRITY, to attend the meeting of the scientific review board of the Oil Spill Project and to conduct field work.

DEPARTING

January 15 - 22, ALAN SMITH for Washington, D.C. on official business.

STRI HOLIDAY

Monday, January 16, is Martin Luther King Day, a STRI holiday.

LIBRARY NEWS / NOTICIAS DE LA BIBLIOTECA

Due to the continuing problem of missing books, the STRI Library will require that all hand-carried material going out of the library be checked by a security guard. **Security checks** will begin on Tuesday, **January 17**.

Debido al continuo problema de libros perdidos, la Biblioteca de STRI requerirá que todo material de mano que se lleve al salir de la biblioteca sea registrado por un guardia de seguridad. Este **registro de seguridad** empezará el martes, **17 de enero**.

BCI SEMINAR

Informal seminar on BCI next Thursday, November 19, at 7:30 p.m. by PETER FRUMHOF, Harvard University.

The Sociogenetic Structure of Insect Colonies.

There will be a special boat departing from BCI at 9 p.m. If assisting, please inform Maritza at BCI by 10 a.m. that Thursday.

NEW PUBLICATIONS BY STRI STAFF, FELLOWS AND RESEARCH ASSOCIATES

Schupp, Eugene W. 1988. Factors affecting post-dispersal seed survival in a tropical forest. *Oecologia* 76: 525-530.

Wheeler, G.C. and J. Wheeler. 1987. Young larvae of *Veromessor pergandei* (Hymenoptera: Formicidae: Myrmicinae). *Psyche* 94 (3-4).

Wheeler, G. C. and J. Wheeler. The larva of *Notostigma* (Hymenoptera: Formicidae: Formicinae). *J. New York Entomol. Soc.* 96(3): 355-358.

Williams-Linera, G. 1989. Development of tropical forest edge vegetation. Ph.D. dissertation, University of Florida. 113 pgs.

FROM PROCUREMENT

The STRI Procurement Office has an unclaimed package from St. Angelo Manufacturing Co. (San Antonio, Texas) containing an aluminum camping box. Please call Mr. Calderon if it is yours.

ORBITUARY

NIKOLAAS TINBERGEN, a Dutch-born British zoologist who won the Nobel Prize for Medicine in 1973, died in Oxford, England, on December 23 from a heart stroke.

ENGLISH AND SPANISH CLASSES TO BE OFFERED AT STRI FOR STRI EMPLOYEES

We are planning to offer English and possibly Spanish classes at STRI. These would be offered on STRI facilities (Ancon), subsidized by STRI but would involve a minimum cost to the employees. They would be scheduled immediately after work hours on the employee's own time. We have the possibility of beginning the first English class at the basic or intermediate level, starting in early February which would meet two or three times per week and run for eight weeks. Anyone interested in such a course or other language courses, please contact Maria Morello at Tivoli, 62-3053, as soon as possible. Depending on the numbers of interested persons, we can plan other courses. We recognize that it may be very difficult to accommodate everyone's work schedules according to their work sites, but we will try to arrange other classes if a sufficient number of employees are interested in a language program.

SE DICTARAN CLASES DE ESPAÑOL E INGLES EN STRI PARA LOS EMPLEADOS

Estamos planeando ofrecer clases de inglés, y posiblemente de español, en el STRI para los empleados del Instituto. Estas se dictarian en nuestras instalaciones en Ancón, subsidiadas por el STRI pero con un pequeño costo al empleado. Las clases se programarian después de horas de oficina en el tiempo libre del empleado. Tenemos la posibilidad de comenzar el curso de inglés en el nivel básico o intermedio, empezando al principio de febrero, reuniéndose dos a tres veces por semana, por ocho semanas. Aquellas personas interesadas en este curso o en cualquier otro curso de idiomas, pueden contactar a María Morello en Tivoli, al teléfono 62-3053 lo antes posible. Dependiendo del número de personas interesadas, se pudiera planear otros cursos de idiomas. Estamos concientes de que será difícil acomodar el horario según el sitio de trabajo de todos las personas interesadas, pero trataremos de programar otras clases dependiendo del interés y el número de empleados que respondan.

LIBRARY NEWS

New Book List:

AFRICAN PYGMIES(Luigi Luca Cavalli-Sforza, editor, 1986).
DT16.P8A37 STRI

ANCESTRY OF THE VERTEBRATES(Richard Peter Spencer Jefferies, 1986).
QL607.5.J47 STRI

ANIMALS AS MONITORS OF ENVIRONMENTAL POLLUTANTS(Symposium on pathobiology of environmental pollutants..., 1977).
QP82.2.P6S95 STRI

ANTHROPOLOGY AND POLITICAL ECONOMY:THEORETICAL AND ASIAN PERSPECTIVES (J.R. Clammer,1985).
GN448.C63 STRI

APHID ECOLOGY(A.F.G. Dixon,1985).
QL527.A64D619 STRI

AUTOECOLOGICAL STUDY OF PALICOUREA RIPARIA BENTHAM(RUBIACEAE): AN ECOLOGICALLY IMPORTANT SPECIES IN THE RECOVERY OF A DISTURBED TROPICAL RAIN FOREST IN PUERTO RICO (María Luz Lebron,1977). thesis(Ph.D.)
QK495.R85L45 STRI

CELL PHYSIOLOGY AND GENETICS OF HIGHER PLANTS. vol. 1. Plant cells and tissues. (A. Rashid, 1988). library has vol.2 Plant cytogenetics
QK725.R33 STRI

CRUSTACEAN STOMATOGENIC SYSTEM : A MODEL FOR THE STUDY OF THE CENTRAL NERVOUS SYSTEMS (Allen I. Selverston and Maurice Moulins, editors, 1987).
QP370.C77 STRI

DESIGN OF LIFE (Renato Dulbecco, 1987).
QH309.D85 STRI

ENVIRONMENT, SUBSISTENCE, AND SYSTEM : THE ECOLOGY OF SMALL-SCALE SOCIAL FORMATIONS (R.F. Ellen, 1982).
GN345.E44 STRI

ESSAYS ON THE POLITICAL ECONOMY OF RURAL AFRICA (Robert H. Bates,1983).
HC800.B38 STRI

EVALUATION OF LANDSAT DATA AND ANALYSIS TECHNIQUES FOR MAPPING TROPICAL FOREST AREAS. (Kuo-Shih Hsu, 1978). thesis Ph.D.
SD387.M3H87 STRI

FACTS ON FILE DICTIONARY OF MARINE SCIENCE (Barbara Charton, editor,1988)
GC9.F28 STRI REF

FIVE KINGDOMS : AN ILLUSTRATED GUIDE TO THE PHYLA OF LIFE ON EARTH. (Lynn Margulis and Karlene V. Schwartz, 1988) 2nd edition.
QH83.M36 STRI

FOUR BILLION YEARS : AN ESSAY ON THE EVOLUTION OF GENES AND ORGANISMS(William F. Loomis, 1988).
QH371.L65 STRI

FROM MINERALOGY TO GEOLOGY : THE FOUNDATIONS OF A SCIENCE, 1650-1830.(Rachel Laudin,1987).
QE11.L35 STRI

HANDBOOK OF NORTH AMERICAN BIRDS. VOL. 4. (Ralph Simon Palmer,1962--) vol. 4. Diurnal raptors. library has volumes 1-3.
QL681.P35 STRI

HEARTWOOD AND TREE EXUDATES(W.E. Hillis, 1987).
QK647.H55 STRI

HISTORY OF SHELL COLLECTING (Peter S. Dance,1986) rev. ed.
QL406.5.D17 STRI

HORMONAL CONTROL OF TREE GROWTH : PROCEEDINGS OF THE PHYSIOLOGY WORKING GROUP ...(Susan V. Kossuth and Steve D. Ross, editors, 1987).
SD396.H668 STRI

INDEX KEWENSIS PLANTARUM PHANEROGAMARUM : SUPPLEMENTUM 16.
qQK11.I38 STRI REF

INFORMATION SOURCES IN THE LIFE SCIENCES 3rd edition (H.V. Wyatt,1987)
QH303.6.154 STRI REF

INTRODUCTION TO ECOLOGICAL BIOCHEMISTRY 3rd edition.(J.B. Harborne,1988).
QH541.H255 STRI

INTRODUCTION TO MARINE ECOLOGY 2nd edition. (R.S.K. Barnes,1988).
QH541.5.S3834 STRI

INVERTEBRATE ZOOLOGY. 5TH edition. (Robert D. Barnes, 1987).
QL362.B27 STRI