

SEMINARS - ANCON CONFERENCE ROOM

Tuesday, **October 31**, noon seminar speaker will be KAZUHICO OGINO, Ehime University, Japan.

Ecosystem Rehabilitation of Mangrove with Reference to Indo-Pacific Region.

Abstract: Intensity of human disturbance on mangrove ecosystems in Southeast Asian countries is greater than ever. Here ecosystem studies should stress ecosystem rehabilitation rather than conservation. The traditional society inhabiting mangrove areas used to be wise enough to sustain the mangrove resources; the intrusion of modern civilization into mangrove areas has turned them into a spearhead of modern destruction of natural ecosystems.

Rational ecosystem management should be based on 3 concepts: the socio-ecosystem concept, ecosystem inventory, and ecosystem technology. Data obtained from the field research at Ranong, Takuapa, and Nakhon Sithammrat, in Southern Thailand, at Cilacap in Central Java, at Gilimanuk and Denpasar in Bali, at Kao in Halmahera, at Hinchinbrook Is. and Daintree River in Queensland, Australia are summarized and discussed.

NEXT WEEK

Tuesday, **November 7**, noon seminar speaker will be PIERRE FORGET, University of Paris.

Part 1: Seed-Dispersal and Recruitment in Eight Tree Species in French Guiana.

Part 2: Seed-Dispersal by Large Rodents at BCI.

That evening at 6:30 p.m., JOSEPH WRIGHT, will give the monthly scientific staff seminar.

Plant Phenology in the Humid Tropics.

ARRIVING

October 29, GEORGE VAN DYKE, SI Office of Communications, to study the feasibility of installing dedicated switch lines between SI and STRI.

October 30, 1989 - October 1990, PIERRE FORGET, University of Paris, France, to study seed dispersal by large rodents in South American tropical forests.

November 1, 1989 - January 31, 1990, RAUL ALTAMIRANO, Universidad Mayor de San Andres, Bolivia, to study the impact of flower visitors and pollinators on 3 species of cultivated tropical plants in Panama.

November 1, 1989 - January 31, 1990, GUISELLE MORA, Universidad de Costa Rica, to work with DOLORES PIPERNO.

November 1 - 30, FIONA REID, San Jose, Costa Rica, to work on a field guide to the mammals of Central America and southeast Mexico.

DEPARTURES

October 30 - November 9, GEORGINA DE ALBA, STRI Educational Coordinator, to Quito, Ecuador, to participate in the First Ecuadorean Seminar on Nature-Oriented Tourism.

November 2 - 11, LEONOR MOTTA, STRI Executive Officer, on official business to Washington, D.C.

November 2 - 29, ALAN SMITH, Assistant Director, on official business to Washington, D.C. and then to Kenya.

POSTPONEMENT OF TALK FOR NEW STRI EMPLOYEES

The talk on "STRI History and Present Activities" for **new** STRI employees, originally scheduled for October 31, has been postponed until Tuesday, **November 14**, at 10 a.m.

PAZ Y SALVOS

STRI visitors are reminded that the Panamanian tax clearance form (paz y salvo) **must** be processed only through the office of the Special Assistant to the Director (OSAD). The 'paz y salvo' is needed to leave the country and for certain transactions and should be requested ten (10) working days before your planned trip or business from Celideth Mendoza (OSAD).

REGENTS FELLOWSHIP APPOINTMENT

GORDON H. ORIAN, professor of zoology at the University of Washington and president of OTS, has been offered an appointment as a Smithsonian Regents' Fellow from January - June 1990. Dr. Orians was selected because of his record of accomplishments and distinction in his field, as well as the contribution to the Institution he could be expected to make.

I CONGRESO INTERAMERICANO INDIGENA DE RECURSOS NATURALES Y MEDIO AMBIENTE

El objetivo de este Congreso Indígena es intercambiar ideas e inquietudes entre las diferentes nacionalidades indígenas con el fin de buscar estrategias y métodos de desarrollo para sus comunidades y territorios de acuerdo a sus valores culturales. Asistirán representantes de comunidades indígenas de diferentes países.

Este Congreso, organizado por PEMASKY, tendrá lugar del 6 al 12 de noviembre de 8 a.m. a 6 p.m. en el Centro de Convenciones ATLAPA. Habrán 3 comisiones de trabajo temáticas: 1) estrategia para el uso y ordenamiento de recursos naturales, 2) cooperación institucional para planificar y ordenar los recursos en las comunidades indígenas, y 3) participación de los indígenas en los planes gubernamentales y no gubernamentales.

El Congreso estará abierto al público en general. Las inscripciones son el día 6 en ATLAPA desde las 9 a.m., con un costo de \$30. Si desea ir de oyeante, sin recibir memorias, etc., debe comunicarse con Guillermo Archibold antes del día 6 en el 62-2009/2008. Favor llamar después de la 1 p.m.

Dos miembros del personal de STRI, Argelis Guevara y Jorge Ventocilla, colaboran activamente con el Congreso.

SEPTEMBER 1989 STRI FELLOWSHIP / ASSISTANTSHIP AWARDS

Short-Term Fellowships

KATARZYNA KUBZDELA, Yale University, "Feeding ecology and food patch abandonment in *Ateles geoffroyi* of BCI".

JEANNE ZEH, University of Arizona, "Population differentiation and the Panama Canal: incipient speciation in a Neotropical pseudoscorpion".

Exxon Fellowships

ORIS SANJUR, Universidad de Panama, "Study on the number of chromosomes in the genus *Abudedefduf*".

Latin America Short-Term Visitor

GUILLERMO GOLDSTEIN, University of California at Los Angeles, and JAIME CAVELIER, Cambridge University, "Carbon isotope discrimination in understory *Psychotria* and *Piper* species", "Recycling of respiratory CO₂ in stem succulent trees", "Hydraulic architecture of understory shrubs in a seasonal tropical forest".

Visiting Scholar

THOMAS SMITH, University of Florida, "Seed predation and leaf litter processing by grapsid crabs in mangrove forests along Pacific and Caribbean coasts of Panama".

Exxon Assistantships

ADALBERTO GOMEZ, Universidad de Panama, with Allen Herre.

JUAN MATE, Universidad de Panama, with Kenneth Johnson.

MONICA MEDINA, Universidad de los Andes, with Haris Lessios.

MARIA MOLINO, Universidad de Panama, with Timothy Collins.

GUISELLE MORA, Universidad de Costa Rica, with Dolores Piperno.

MARLON OLMOS, Universidad de Panama, with Roberto Ibañez.

ALFREDO REYES, Universidad de Panama, with Joseph Wright.

LUIS SOLORZANO, Universidad Nacional de Colombia, with Nancy Knowlton.

DENISE THORIN, Universidad de los Andes, Colombia, with Thomas Kursar.

SE VENDE / FOR SALE

NISSAN Sunny, 1987, standard. Disponible noviembre 15. Si está interesado, llamar al 21-8493 (Barbara).

CALENDAR

NOVEMBER 1989						
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		

November 3, Panama's Independence from Colombia, a Panamanian national holiday.

November 4, Flag Dag, a Panamanian national holiday.

November 6 - 12, I Congreso Interamericano Indigena de Recursos Naturales y Medio Ambiente at ATLAPA.

November 10, "El Grito de La Villa de Los Santos", which began the independence movement from Spain, a Panamanian national holiday.

November 11, Veteran's Day. November 10 is a STRI holiday.

November 15, Deadline for receipt of Short-term Fellowship and Exxon proposals this quarter.

November 23, Thanksgiving, a STRI holiday.

November 28, Panama's Independence from Spain, a Panamanian national holiday.

NEWS FROM THE BARRO COLORADO NATURE MONUMENT (BCNM)

Guardabosques BASILIO MELA and GABRIEL ABREGO captured a poacher on the Bohio Peninsula of the BCNM on October 22. A shotgun and machete were confiscated. The poacher resisted arrest violently.

FAREWELL PARTY / FIESTA DE DESPEDIDA

A farewell party will be held at the Tivoli site on Wednesday, November 15, 1989, at 3:30 p.m. for our friend and co-worker, BARBARA CUSATTI. In her 15 years of service to STRI, Barbara has demonstrated to be a loyal and efficient employee. She will be moving to Los Angeles to join her family. We will miss her!

El 15 de noviembre, 1989, a las 3:30 p.m., será la fiesta de despedida para nuestra amiga y compañera de trabajo, BARBARA CUSATTI. Durante los 15 años de servicios a STRI ha demostrado ser una empleada leal y eficiente. Barbara se estará mudando a Los Angeles para reunirse con su familia. La extrañaremos!

FROM PROCUREMENT

MISSING ANY BOOKS... 5 physiology books from vendor Springer-Verlag are still in our department, with no information on requestor. Please contact Mr. Martinez at Procurement (ext. 232) for further information.

WHEN YOU RECEIVE MERCHANDISE... Please sign the merchandise report for our records. Frequently, reports are returned without signature. This procedure will help keep our records in order. Thank you.

MYSTERIOUS PACKAGE

Laurel Collins received an AC/DC refrigerator/freezer unit through STRI Procurement. She did not order it and Procurement has no record of the order. If you have information on this matter, please call L. Collins at Naos (52-5840).

ANNUAL LEAVE

Argelis Roman, October 30 - November 15.

MAIL FOR A. SMITH

All mail for ALAN SMITH, STRI Assistant Director, Terrestrial, should be sent to BCI from now on.

NOVEMBER BIRTHDAYS AT STRI

Urbina, Carlos	6
Morello, María	7
Linares, Olga	10
Román, Argelis	10
Troya, Moises	10
García, Milton	11
Jackson, Jeremy	13
Vergel, Vielka	13
Cuevas, Luis	14
León, Leopoldo	15
Rodríguez, Edmundo	22
Gómez, Nélida	24
Arroyo, Mercedes	27
Mela, Basilio	28
Martínez, Saturnino	29

STRI LIBRARY NEW BOOK LIST

AIR POLLUTANTS AND THEIR EFFECTS ON THE TERRESTRIAL ECOSYSTEM. (A.H. LEGGE AND S.V. KRUPA, EDS., 1986)
QH545.A3A29 1986 STRI

ANALYTICAL BIOGEOGRAPHY: an integrated approach to the study of animal and plant distributions. (A.A. MYERS AND P.S. GILLER, EDS., 1988)
QH84.A53 1988X STRI

BIOCLIMATOLOGIE DES RUMINANTS DOMESTIQUES EN ZONE TROPICALE. (P.BERBIGIER, 1988)
QL736.5.B48 1988 STRI

BIOGEOGRAPHY AND PLATE TECTONICS. (J.C. BRIGGS, 1987)
QE721.2.P24B75 1987X STRI

BOTANIC GARDENS AND THE WORLD CONSERVATION STRATEGY: proceedings of an international conference, 26-30 November 1985 held at Las Palmas de Gran Canarias. (D. BRAMWELL ET AL, EDS., 1985)
QK71.B73 1985 STRI

LAS CACTACEAS DE LA RESERVA DE LA BIOSFERA DE MAPIMI. (A. CORNET, 1985)
QK495.C11C816 1985 STRI

CURRENT PALEOETHNOBOTANY: analytical methods and cultural interpretations of archaeological plant remains. (C.A. HASTORF AND V.S. POPPER, EDS., 1988)
CC79.5.P5C87 1988X STRI

DEBATING ARCHAEOLOGY. (L.R. BINFORD, 1989)
CC173.B56 1989X STRI

GUIDE TO METEOROLOGICAL INSTRUMENTS AND METHODS OF OBSERVATION. (WORLD METEOROLOGICAL ORGANIZATION, 1983)
QC876.G94 1983 STRI

LANDS AT RISK IN THE THIRD WORLD: local-level perspectives. (P.D. LITTLE AND M.M. HOROWITZ, EDS., 1987)
HD1131.L37 1987X STRI

MATHEMATICAL TOPICS IN POPULATION BIOLOGY, MORPHOGENESIS AND NEUROSCIENCES: proceedings of an international symposium held in Kyoto, November 10-15, 1985. (E.TERAMOTO AND M. YAMAGUTI, 1987)
QH323.5.M375 1987X STRI

METODOS CUANTITATIVOS EN LA BIOGEOGRAFIA. (E. EZCURRA ET AL, 1984)
QH541.15.M3M58 1984 STRI

THE MOLECULAR BASIS OF PLANT DEVELOPMENT. (R. GOLDBERG, 1989)
QK981.4.M63 1989X STRI

NEOGENE HISTORY OF TROPICAL AMERICAN MOLLUSKS: biogeography and evolutionary patterns of tropical western Atlantic mollusca. (E.J. PETUCH, 1988)
QE801.P44 1988X STRI

THE OIL PALM. (C.W.S. HARTLEY, 1988)
SB299.P3H3 1988X STRI

ORGANIC MICROPOLLUTANTS IN THE AQUATIC ENVIRONMENT: proceedings of the fifth European symposium, held in Rome, Italy, October 20-22, 1987. (G. ANGELETTI AND A. BJORSETH, EDS., 1988)
TD427.07074 1988X STRI

PALEOPALYNOLOGY. (A. TRAVERSE, 1988)
QE719.T78 1988 STRI

PHYTOCHROME: a bibliography with authors, biological materials, taxonomic, and subject indexes of publications prior to 1975. (D.L. CORRELL ET AL, 1977)
Z5354.P58C67X 1977 STRI REF

A PRIMATOLOGIA NO BRASIL-2. (M.T. DE MELLO, ED., 1986)
QL737.P9C74 1985 STRI

STUDIES IN PLANT SURVIVAL: ecological case histories of plant adaptation to adversity. (R.M.M. CRAWFORD, 1989)
QK901.C78 1989X STRI

A STUDY OF BLACKBIRDS. (D.W. SNOW, 1988)
QL696.P2475S67 1988 STRI

A THEORY OF THE EVOLUTION OF DEVELOPMENT. (W. ARTHUR, 1988)
QH371.A765 1988X STRI

VEGETATION HISTORY. (B. HUNTLEY AND T WEBB, EDS., 1988)
QE905.V43 1988 STRI

