

SEMINARS - ANCON CONFERENCE ROOM

Tuesday, October 25, noon seminar speaker will be DAVID WAKE, University of California, Berkeley.

Evolutionary Diversification and Ecological Geography of the Tropical Salamanders.

Abstract: Tropical salamanders are known only from the New World, and all are members of a single lower level taxon, the supergenus Bolitoglossa (with over 150 species). Significant adaptive radiation has occurred, centering around 3 areas: SE Mexican Plateau and Northern Oaxaca; Nuclear Central America; Talamancan Central America. Elevation zonation is much more important than in extratropical regions. Systematic sampling along elevational transects disclosed unexpected novel species and adaptations, and clarified some aspects of community organization.

That same evening, at 7 p.m., NANCY KNOWLTON will give the scientific staff seminar. All staff and visitors are welcome.

Multiple Stable States and the Population Biology of Caribbean Staghorn Coral.

Abstract: A variety of theoretical models predict the possibility of multiple stable states in interactions between a predator and its prey. The population biology of staghorn coral and its predators fits many of the assumptions and predictions of such models.

NEXT WEEK

Tuesday, November 1, noon seminar speaker will be MARVALEE WAKE, University of California at Berkeley.

Limbless Amphibians of the Tropics: the Biology of Caecilians.

ARRIVING

October 24 - 28, PHILLIP REISS, Director, SI Office of Design and Construction, to visit STRI construction projects.

DEPARTING

October 26 - November 8, SYLVIA CHURGIN, to Washington D.C. on official business.

October 24 - November 4, JEREMY JACKSON, to present seminars at the University of California at Santa Barbara and Davis, then to Denver, Colorado, to attend meetings of the Geological Society of America.

ANNOUNCEMENT

ALAN P. SMITH will be Acting Director on October 24-31.

NEW PUBLICATIONS BY STRI STAFF, FELLOWS AND RESEARCH ASSOCIATES

Laguna, J.E. 1987. Euraphia eastropacensis (Cirripedia, Chthamalodea), a new species of barnacle from the tropical eastern Pacific: morphological and electrophoretic comparisons with Euraphia rhizophorae (deOliveira) from the tropical eastern Atlantic and molecular evolutionary implications. Pacific Science 41(1-4):132-140.

DE LA OFICINA DE PERSONAL

Si esta interesado en obtener información o cotizaciones relacionadas con seguros de vida o 'seguros de jubilación', los asesores de seguros de la Aseguradora Mundial se han puesto a la orden para cualquier entrevista personal. Las personas interesadas pueden comunicarse con Carmen Sucre en la Oficina de Personal de STRI.

FROM THE COMPUTER SPECIALIST

The Smithsonian Institution has a collection of Public Domain software available to all SI employees. STRI's computer specialist has a catalog of the software. If interested, contact Francisco Rivera at Tivoli.

FROM GALETA LABORATORY

Currently Galeta's sole working telephone is 89-3619. Radio calls (from Tivoli or Naos) can be made on days when the telephone line is down, or in emergency situations.

For one week, beginning October 24, the road from the Galeta entrance gate to the laboratory will be under repair. During this time no vehicles will be allowed to transit so visitors will have to walk from the entrance to the lab. Anyone travelling with equipment, please coordinate with Ricardo Thompson.

ON LEAVE

Ira Rubinoff, Oct. 24 - Nov. 2

LIBRARY NEWS

New Books:

AVIAN GENETICS: A POPULATION AND ECOLOGICAL APPROACH(F. Cooke and P.A. Buckley, 1987)
QL673.A95 S7R1

BARNACLE BIOLOGY(Alan J. Southward, editor, 1987) Crustacean Issues no. 5.
QL444.C58E25 S7R1

BIOLOGICAL AND PHYSICAL CONSTRAINTS ON THE POPULATIONS OF TWO SYMPATRIC TERRITORIAL DAMSELFISHES ON THE SOUTHERN GREAT BARRIER REEF(Peter J. Doherty, 1980) Thesis(Ph.D.).
mfc 1015 S7R1

BIOLOGY OF BENTHIC MARINE ORGANISMS: TECHNIQUES AND METHODS AS APPLIED TO THE INDIAN OCEAN(Mary-Frances Thompson, R. Sarojini and R. Nagabhushanam, 1987).
QH91.8.B4B59 S7R1

CACTOS NATIVOS DE CUBA(Jorge Gutierrez, 1984).
QK495.C11G98 S7R1

CACTOS Y OTRAS SUCULENTAS EN CUBA(Luis Rodriguez Gonzalez, y R. R. Apezteguia Caro, 1985).
QK495.C11R69 S7R1

CAMARON/TECHICA(Berta Alvarez, 1985).
Z5973.S5C17 S7R1

CANAL ACROSS A CONTINENT(W. Storrs Lee, 1961).
HE537.8L48 S7R1

CARIBBEAN WILD PLANTS AND THEIR USES: AN ILLUSTRATED GUIDE TO SOME MEDICINAL AND WILD ORNAMENTAL PLANTS OF THE WEST INDIES (Penelope N. Honeychurch, 1986). QK99.5.C27H77 S7R1

CELLULAR AND MOLECULAR BASES OF BIOLOGICAL CLOCKS:MODELS AND MECHANISMS FOR CIRCADIAN TIMEKEEPING(Leland N. Edmunds, 1988).
QP84.6.E36 S7R1

CHIPOJOS, BAYOYAS, Y CAMALONES(A. Silva Lee, 1984).
QL666.L2S58 S7R1

COMMUNITY ECOLOGY AND SALAMANDER GUILDS(N.G.Hairston, 1987).
QL668.C2H35 S7R1

COMPARATIVE NUTRITION OF WILD ANIMALS.(M.A. Crawford, editor, 1966). Symposia of the Zoological Society of London, no. 21.
QL756.5.C73 S7R1

CONCEPTS OF ECOSYSTEM ECOLOGY (L.R. Pomeroy and J.J. Alberts, editors, 1988) Ecological studies, vol.67
QH541.145.C64 S7R1

CONTRIBUTIONS TO THE BOTANY IN THE ANDES(M. Nishida, editor, 1984-).
QE942.A55C76 S7R1 vol. 1

COUNTRY YEAR: LIVING THE QUESTIONS.(S. Hubbell, 1987)
QH105.M8H83 S7R1

DIFFERENTIATION PATTERNS IN HIGHER PLANTS (K.M.Urbanska, 1987)
QK725.D56 S7R1

DISTRIBUTION, ABUNDANCE AND DEVELOPMENT OF YOUNG JAMAICAN REEF FISHES(J.R. Wyatt and F.E. Ross, 1982).
QL621.58.D614 S7R1

EARLY ZOOLOGICAL EXPLORATIONS OF CENTRAL AMERICA FOR NEW VERTEBRATE SPECIES(David K. Wetherbee, 1985).
QL606.53.C35W53 S7R1 REF

ECOLOGY OF SOCIAL BEHAVIOR(C.N. Slobodchikoff, editor, 1988)
QL775.E26 S7R1

ENVIRONMENTAL BIOLOGY OF AGAVES AND CACTI(Park S. Nobel, 1988)
QK495.A26N63 S7R1

ENVIRONMENTAL PHYSIOLOGY AND BIOCHEMISTRY OF INSECTS(Klau H. Hoffman, editor, 1985).
QL495.E58 S7R1

ESSAI SUR LA GEOGRAPHIE DES PLANTES(Alexander von Humboldt and Aime Bonpland, 1807 reprint edition 1977).
QK101.H93 S7R1

ESTUDIO DE LA DINAMICA SOCIOECONOMICA DE LA PROVINCIA DEL DARIEN PANAMA : INFORME FINAL(Frederico Charles Deve, 1985).
F1569.D3D48 S7R1

ESTUDIO SOBRE LA FLUJACION DE LARVAS Y LA INFLUENCIA DEL ALIMENTO(FITOPLACTON) EN EL CRECIMIENTO Y EL ESTADO GONADAL, EN SACCOSTREA COLUMBIENSIS...(Azucena del Carmen Bonadies Polo, 1986).
QL430.7.O9B69 S7R1

EVOLUTION AND ADAPTATION OF TERRESTRIAL ARTHROPODS(J.L. Cloudsley-Thompson, 1988).
QL434.35.C55 S7R1

FIELD PRIMATOLOGY: A GUIDE TO RESEARCH(Linda D. Wolfe, 1987).
Z7996.P85W85 S7R1.

FOREST BIRD COMMUNITITES OF THE HAWAIIAN ISLANDS :THEIR DYNAMICS, ECOLOGY, AND CONSERVATION(J. Michael Scott...et al, 1986).
QL684.HBF67 S7R1

FORMATIVE SETTLEMENT IN WESTERN CHIRIQUI, PANAMA: CERAMIC CHRONOLOGY AND PHASE RELATIONSHIPS(Catherine N. Shelton, 1984).
F1565.1.C54S54 S7R1 Thesis(Ph.D.)

FOSSILS, TEETH, AND SEX : NEW PERSPECTIVES ON HUMAN EVOLUTION. (Charles E. Oxnard, 1987).
GN282.O96 S7R1

FRONTIERS OF COMPARATIVE PLANT ECOLOGY : A SYMPOSIUM TO MARK THE SILVER JUBILEE OF THE ESTABLISHMENT OF THE UNIT OF COMPARATIVE PLANT ECOLOGY(NERC), HELD AT THE UNIVERSITY OF SHEFFIELD.. (I.H. Rorison,...et al, editors,1987).
QK900.2.F93 S7R1

GROWTH STRESSES AND STRAINS IN TREES(Robert R. Archer,1987).
TA419.A73 S7R1

HEAD-HUNTERS OF BORNEO: A NARRATIVE OF TRAVEL UP THE MAHAKAM AND DOWN THE BARITO: ALSO, JOURNEYS IN SUMATRA(Carl Bock,1985) reprint of 1881 edition.
DS646.3.B86 S7R1

HEAT REGULATION IN BIRDS ; AN ECOLOGICAL-PHYSIOLOGICAL OUTLINE. TRANSLATED FROM RUSSIAN BY V.S. KOTHEKAR.(I.A. Shilov,1973).
QL698.S55 S7R1

HONEYBEES AND WAX : AN EXPERIMENTAL NATURAL HISTORY(H.R. Hepburn,1986).
QL668.A6H395 S7R1

ISLANDS(Henry W. Menard,1986).
GB471.M46 S7R1

LANGUAGE IN THE AMERICAS(Joseph Harold Greenberg,1987)
F376.G7 S7R1.

LEAD AND CADMIUM GEOCHEMISTRY OF CORALS : RECONSTRUCTION OF HISTORIC PERTURBATIONS IN THE UPPER OCEAN(Glen T. Shen,1986).
QH541.5.C7S54 S7R1

LIGHT EMISSION BY PLANTS AND BACTERIA(Jan Ames Govindjee and David Charles Fork, editors,1986).
QK844.L54 S7R1

LIVING TEREBRAS OF THE WORLD : A MONOGRAPH OF THE RECENT TEREBRIDAE OF THE WORLD(Twila Bratcher, 1987).
QL430.5.T25B73 S7R1

MOLECULAR GENETICS OF PLANTS(John G. Scandalios, editor, 1984).
QK725.M718 S7R1

NUTRIENT REQUIREMENTS OF MINK AND FOXES. S7R1 2nd rev.2 ED.(National Research Council,1982).
SF405.M6N97 S7R1

ORIGIN OF BIRDS AND THE EVOLUTION OF FLIGHT(Kevin Padian, editor,1986)
QL698.7.O69 S7R1

PANAMA: ALTERNATIVAS PARA OTRA CANAL(Luis Poveda Quinter,1985).
HE396/P2Q7 S7R1

PHYLOGENETIC SYSTEMATICS OF IGUANINE LIZARDS : A COMPARATIVE OSTEOLOGICAL STUDY(Kevin de Queiroz,1987).
QL666.L25D4 S7R1

PLAGAS Y ENFERMEDADES DE CARACTER EPIDEMICO EN CULTIVO FRUTALES DE LA REGION CENTROAMERICANA(Jorge Pinochet,1987).
SB608.F8P69 S7R1

PLANETS: READINGS FROM SCIENTIFIC AMERICAN(Bruce Murray,1983).
QB601.9.P55 S7R1

PLANT MIGRATION : THE DYNAMICS OF GEOGRAPHIC PATTERNING IN SEED PLANTS SPECIES(Jonathan D. Sauer,1988).
QK101.S28 S7R1

PLAY, EXPLORATION AND TERRITORY IN MAMMALS; THE PROCEEDINGS OF A SYMPOSIUM HELD AT THE ZOOLOGICAL SOCIETY OF LONDON...(P.A. Jewell and Caroline Loizos, editors, 1966).
QL701.J59 S7R1

PRINCIPALES ESPECIES DE INTERES PESQUERO(Cuba. Ministerio de la Industria Pesquera,1985).
SH233.C9P95 S7R1

PROPAGACION DE PLANTAS: PRINCIPIOS Y PRACTICAS(Hudson Thomas Hartmann,1959)
SB119.H3 S1962 S7R1

ORNITHOLOGY IN THE NEOTROPICS : A DIRECTORY(Leslie R. Cooperband,1985).
QL689.C77 E1985 S7R1

QUANTITATIVE ASPECTS OF THE ECOLOGY OF BIOLOGICAL INVASIONS: PROCEEDINGS OF A ROYAL SOCIETY DISCUSSION MEETING...(Sir Hans Kornberg and M.H. Williamson, editors, 1987).
qQL752.Q15 S7R1

RED SEA. (Alasdair J. Edwards and Stephen M. Head, editors,1987).
QH93.5.R43R43 S7R1