

SEMINARS

The noon talk this Tuesday, January 13, in the Ancon Conference Room will have two speakers:

LINDA MEALEY, from the College of St. Benedict Saint John's University, will talk on "The Relationship Between Social Status and Reproductive Success in a Polygynous Culture - the Mormons".

After a cold luncheon is served,

MIKE RYAN from the University of Texas at Austin will speak on "Neurobiology, Behavior and Speciation: Is There a Link?".

On the following Tuesday, January 20, the noon talk will be given by JAMES KENDALL. His subject:

Measuring Photosynthesis in Corals from the Red Sea.

ARRIVALS & DEPARTURES

January 13 - Departing, IRA RUBINOFF, for one week on an official visit to Washington, DC.

January 13 - Arriving, ROBERT DIERKER, from SI Office of General Counsel, on a 3-day official visit to STRI.

January 14 - Arriving, WILLIAM EBERHARD, from Costa Rica for several days on official business.

January 15 - Arriving, SARAH FLICK, from the University of Iowa, to work on the Hubbell-Foster Plot Project. She will be on BCI until August 31, 1987.

January 15 - Arriving, DOUGLAS BRUST, from Cornell University, to study the operative hydration states in an anuran community in Panama for one year.

January 15 - Arriving, DAVID WIEDENFELD, from Florida State University, on a short-term fellowship to study ecomorphology and foraging behavior of both the resident and migrant populations of the yellow warbler. He will be at Naos and Galeta until February 27.

January 16 - Arriving, ALAN SMITH, on official business for four days.

Correction: NICHOLAS BROKAW did not arrive last week.

CONGRATULATIONS

ROBERT DRESSLER received the Massachusetts Horticultural Society's Silver Medal this year for his contributions to knowledge of orchids and their biology.

BCI NEWS

STRI wishes to congratulate PABLO RODRIGUEZ, ALBERTO GONZALEZ, MARIO BERNAL, GABRIELLE ABREGO and ELADIO GONZALEZ for the capture of three poachers on Bohio Peninsula in the BCNM on Sunday, December 28.

Felicitaciones a PABLO RODRIGUEZ, ALBERTO GONZALEZ, MARIO BERNAL, GABRIELLE ABREGO y ELADIO GONZALEZ por la captura de tres cazadores furtivos en la Peninsula de Bohio (Monumento Natural de Barro Colorado) el domingo 28 de diciembre.

REMINDER

Accounting technician position open after January 18, 1987. Salary GS-6/1. Experience in accounting necessary. Please apply at the STRI Personnel Office as soon as possible.

Plaza de contable en STRI se abrirá después del 18 de enero. Favor enviar solicitud a Oficina de Personal lo más pronto posible. Experiencia en contabilidad absolutamente necesaria. Salario GS-6/1.

NEW JOURNAL

The Journal of Tropical Ecology is a new journal published in Scotland in answer to "a growing interest in tropical ecosystems and their proper management". See your bulletin board for more information.

SECOND CALL FOR PAPERS

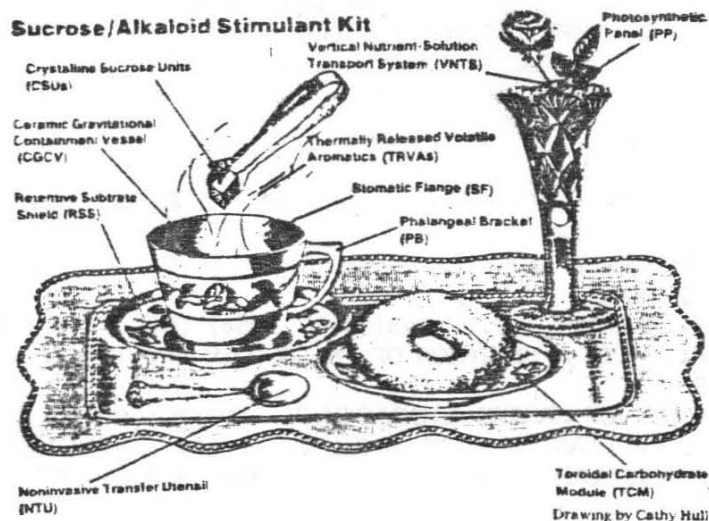
On the occasion of the renaming of the invertebrate museum of the University of Panamá, Professor Diomedes Quintero, museum curator, will publish a book on Panamanian insects. He is requesting contributions from STRI scientists on insect taxonomy, behavior, ecology, and faunistics. Languages accepted include English, French and Spanish.

LIBRARY NEWS

New books:

- APPLIED REGRESSION ANALYSIS AND EXPERIMENTAL DESIGN (R.J. Brook and G.C. Arnold, 1985)
QA278.2.B76 STRI
- BIOBIBLIOGRAFIA DE MOISES SANTIAGO BERTONI: EL HOMBRE DE CIENCIA...(L. Ramella, 1985)
QK32.B54R2 STRI
- BIRD GUIDE OF THAILAND (B. Lekagul, 1968?) QL691.T5L53 STRI
- BOTANY AND NATURAL HISTORY OF PANAMA (W.G. D'Arcy et al editors, 1985)QK221.B68 Circ. copy
- CHANGES IN EUKARYOTIC GENE EXPRESSION IN RESPONSE TO ENVIRONMENTAL STRESS (B.G. Atkinson,
and D.B. Walden, editors, 1985) QH450.C48 STRI
- CHECK LIST OF NORTH AMERICAN AMPHIBIANS AND REPTILES. 3rd edition (L.H. Stejneger,1933)
QL645.S82 STRI
- COMMUNITY ECOLOGY (J. Diamond and T.J. Case, editors, 1986) QH541.C644 STRI
- DICTIONARY OF BIRDS IN COLOR (B. Campbell, 1974) qQL673.C35 STRIREF
- ECOLOGY OF RIVER SYSTEMS(B.R. Davies and K.F. Walker, 1986) QH541.5.S7E 193 STRI
- ENCYCLOPEDIA OF INSECTS(C.O'Toole, 1986) QL462.3.O86 STRIREF
- ESSENTIALS OF BEHAVIOUR GENETICS(D.A. Hay, 1985) QH457.H412 STRI
- EXPERIMENTAL FISHERY SURVEY IN TRINIDAD,TOBAGO AND BRITISH GUIANA ...(R.T. Whiteleather,
1945) SH233.W5 STRI
- THE FAIRY-WRENS: A MONOGRAPH OF THE MALURIDAE (R. Schodde, 1982)fQL696.P2485S36 STRI
- FLORISTIC REGIONS OF THE WORLD(A.L. Takhtadzhian, 1986) QK101.T313 STRI
- FROM CELLS TO ATOMS: AN ILLUSTRATED INTRODUCTION TO MOLECULAR BIOLOGY(A.R. Ress, 1984)
QH506.R43 STRI
- GENE FACTORY: INSIDE THE GENETIC AND BIOTECHNOLOGY BUSINESS REVOLUTION(J. Elkington,1985)
HD9999.B442E42 STRI
- GENE MANIPULATION IN PLANT IMPROVEMENT(J.P. Gustafson, editor, 1984) SB123.S87 STRI
- GEOGRAPHICAL ECOLOGY: PATTERNS IN THE DISTRIBUTION OF SPECIES (R.H. MacArthur, 1972)
QH84.M115 STRI
- GUIA PARA LOS AUTORES(R. Spichiger, 1983) QK270.S75 STRI
- HANDBOOK OF SALAMANDERS: THE SALAMANDERS OF THE UNITED STATES,OF CANADA, AND OF LOWER
CALIFORNIA (S.C. Bishop, 1962) QL668.C2B48 STRI
- INDEX TO FISHES OF SIAM (C.Suvatti, 1936) QL634.T2S92Z STRI
- INSECTS OF THE PACIFIC WORLD(C.H. Curran, 1945) QL489.A1C97 STRI
- INTRODUCTION TO PROBABILITY THEORY(K.Ito, 1984) QA273.I822513 STRI
- KEY TO AMPHIBIANS AND REPTILES. 3d enl. ed. translated from Russian(P.V. Terentev, 1965)
QL658.R9T31 STRI
- LIFE HISTORIES OF NORTH AMERICAN WILD FOWL: ORDER ANSERES(A.C. Bent, 1923-25) QL696.A5B4STR1
- LINDLEYANA: THE SCIENTIFIC JOURNAL OF THE AMERICAN ORCHID SOCIETY. Vol.1, no.1- 1986-
- LINEAR MODELS IN BIOLOGY (M.R. Cullen, 1985) QH323.5.C835 STRI
- LIZARDS OF SOUTH AMERICA(V.F. Fitzsimons, 1943) QL666.L2F5 STRI
- MAGIC OF MINERALS (O. Medenbach, 1985) QE363.2.M4313 STRI
- MANAGING OUR WILDLIFE RESOURCES(S.H. Anderson, 1985) SK361.A74 STRI
- MARINE BIOLOGY: AN ECOLOGICAL APPROACH(J.W. Nybakken, 1982) QH91.N9 STRI
- MARINE MAMMALS AND FISHERIES(J.R. Beddington,R.J.H. Beverton, and D.M. Lavigne, editors,
1985) QL713.2.M35 STRI
- MEASURING BEHAVIOUR: AN INTRODUCTORY GUIDE(P. Martin and P. Bateson, 1986)QL751.M255STR1
- METZGERIACEAE OF THE NEOTROPICS(Y.Kuwahara, 1986) QK555.M4K97 STRI
- MOLECULAR EVOLUTION AND PROTOBIOLOGY(K. Matsuno et al, editors, 1984)QH325.M64STR1
- MONOGRAPH OF THE BIRDWING BUTTERFLIES vol.2 parts 2 and 3 (J. Haugum, 1980)qQL561.P2H37STR1
- NEREIS BOREALI-AMERICANA: OR, CONTRIBUTIONS TO A HISTORY OF THE MARINE ALGAE OF NORTH
AMERICA (W.H. Harvey, 1852058) STRI copy vols.1-3 bound together.q589.3.H342
- ORIGINS AND RELATIONSHIPS OF LOWER INVERTEBRATES...(S.C. Morris et al, editors, 1985)
QL362.O75 STRI
- OVERTURES TO BIOLOGY: THE SPECULATIONS OF EIGHTEENTH-CENTURY NATURALISTS (P.C. Ritter-
bush, 1964) QH305.R61 STRI
- PANAMA: ITS GEOGRAPHIC PANORAMA AND GROWTH.Translated by Ed. F. O'Connell(R.D. Carles,
1957?) F1564.2.C27 STRI
- PHLEBOTOMIDAE(SANDFLIES) MOSKITY.(P.P. Perfilev, 1968) QL537.P45P4 STRI
- PHYLOGENY OF THE ECHINI, WITH A REVISION OF PALAEOZOIC SPECIES (R.T. Jackson,1912)
qQL384.E2J13 STRI
- PHYSIOLOGICAL ADAPTATIONS OF MARINE ANIMALS(M.S. Laverack,editor, 1985)QL639.1P57 STRI
- PHYSIOLOGICAL PROPERTIES OF PLANT PROTOPLASTS(P-E. Pilet, 1985) QK725.P467 STRI
- POPULATION GENETICS AND MOLECULAR EVOLUTION(T.Ohta and K.Aoki, editors, 1985)
QH455.P83STR1
- PRIMATES: STUDIES IN ADAPTION AND VARIABILITY(P.Dolhinow, 1968) QL785.5.P7J42 STRI
- THE REPTILE BOOK(R.L. Ditmars, 1907) QL651.D61 STRI
- SNAKES OF MARYLAND(H.A. Kelly, 1936) QL666.O6K4 STRI
- STRUCTURE AND FUNCTION OF THE INTEGUMENTS OF PARASITIC NEMATODES(I.K. Bogoiavlenskii,1982)
QL391.N4B67 STRI
- STRUCTURE,FUNCTION, AND METABOLISM OF PLANT LIPIDS(Paul-Andre Sieggenthaler and W. Eichen-
berger, 1984) QK898.L56I57 STRI
- THEORETICAL BIOLOGY AND COMPLEXITY: THREE ESSAYS ON THE NATURAL PHILOSOPHY OF COMPLEX
SYSTEMS(R. Rosen, editor, 1985) QH311.T48 STRI
- THEORETICAL STUDIES ON SEX RATIO EVOLUTION(S. Karlin and S. Lessard, 1986)QH481.K37STR1
- THE WORLD'S COASTLINE (E.C.F.Bird and M.L. Schwartz, 1985) GB451.2.W67 STRI

THE ANTS OF NEVADA. (George C. Wheeler, 1986) QL568.F7W47a 1986
 BIOMAGNETISM: AN INTERDISCIPLINARY APPROACH. (Samuel J. Williamson, et al, Eds., 1982) QP345.N37 1982x STRI
 CATALOGO DE ENFERMEDADES DE LAS PLANTAS EN LA REPUBLICA DE PANAMA. (Eduardo A. Esquivel R., 1982) SB605.P2E77 1982 STRI
 ECOLOGICAL INTERACTIONS IN SOIL: PLANTS, MICROBES AND ANIMALS. (A. H. Fitter, et al, Eds., 1985) QH541.5.S6E19 1985 STRI
 ECONOMIC BOTANY: PLANTS IN OUR WORLD. (Beryl B. Sympson and Molly Conner-Ogorzaly, 1986) SB108.U5S56 1986x STRI
 THE FRESH-WATER FISHES OF MEXICO NORTH OF THE ISTHMUS OF TEHUANTEPEC. (Seth E. Meek, 1904) QL629.M4B 1904 STRI
 GENERA ET SPECIES ANIMALIUM ARGENTINORUM. [VOL. 4] (Univeritati Nationali Tucumanensi et Musei Argentini Historiae Naturalis, 1948 -) fQL239.G32 1948 STRIREF
 INSECT FLIGHT (R. C. Rainey, Ed., 1976) QL496.7.I57x STRI
 MARINE GAMEFISH OF THE MIDDLE ATLANTIC. (David K. Bulloch, 1986) QL621.U77B93 1986 STRI
 SEMINARIO TALLER DE FITOPATOLOGIA, PANAMA, 22 AL 24 DE ABRIL DE 1986. (Jorge Pinochet and Gabriel von Lindeman, Eds., 1986) SB599.2.S47 1986 STRI
 MOLECULAR FORM AND FUNCTION OF THE PLANT GENOME. (Lous van Vloten-Doting, et al, Eds., 1985) QK981.N36 1984x STRI
 OCEANOGRAPHY, THE PAST. (M. Sears and D. Merriman, Eds., 1980) GC29.I57 1980x STRI
 PLANKTONIC FORAMINIFERAL ECOLOGY OF THE EASTERN EQUATORIAL PACIFIC OCEAN MICROFORM: INCLUDING A PALEOCEANOGRAPHIC RECONSTRUCTION OF THE PANAMA BASIN FOR THE LAST 320,000 YEARS. (Marc S. Sverdlow, 1983) mfc 875 STRI
 PROTOPLAST FUSION, GENETIC ENGINEERING IN HIGHER PLANTS. (Y. Y. Gleba and K. M. Sytnik, 1984) QK981.5.G5413 1984x STRI
 THE RED BOOK: WILDLIFE IN DANGER. (James Fisher, et al, 1969) QL88.F53 1969 STRI
 RESPONSE OF LAKE TROUT AND RAINBOW TROUT TO DIETARY CELLULOSE. (H. A. Poston, 1986) SH167.T86P69 1986x STRI
 A REVIEW OF THE PRIMATES. (Daniel G. Elliot, 1912) QL737.P9E7x [vol. 2 & 3] STRI
 SEA-LEVEL RESEARCH: A MANUAL FOR THE COLLECTION AND EVALUATION OF DATA. (Orson van de Plassche, 1986) GC89.S43 1986 STRI
 STATE OF THE WORLD: A WORLDWATCH INSTITUTE REPORT ON PROGRESS TOWARD A SUSTAINABLE SOCIETY [1985]. (Worldwatch Institute, 1984-) HC59.69.8797 STRI



How to Talk High Tech

Of all the world's languages, perhaps none is so foreign to most English speakers as the one used by scientists and engineers. Edward Tenner, an editor at Princeton University Press who normally translates technical language into plain English, has reverse-engineered the process. The result is "Tech Speak: An Advanced Post-Vernacular Discourse Modulation Protocol" (\$8.95, Crown Publishers), a guidebook to the language of today's technical world. Lesson One might begin at breakfast, above, over a cup of coffee — also known as a ceramic gravitational containment vessel containing psychoactive high-temperature botanical filtrate. One crystalline sucrose unit or two?