

STRI newsletter

June 26, 1992

SMITHSONIAN TROPICAL RESEARCH INSTITUTE - Apartado 2072, Balboa, Panamá

No. 26

TUPPER CENTER SEMINARS

No noon seminars scheduled for June 30 or July 7. If interested in giving a talk, see Haris Lessios, Naos, and/or Ana María Ford, Tupper.

PEOPLE

Arrivals

- Ola Fincke and assistant R. Hansku, Univ. of Oklahoma, Jul 1-Aug 10, to work on the larval ecology of treehole-dwelling damselflies.
- Michael Ryan, Univ. of Texas, Jul 1, to join Dr. Rand for trip to Venezuela.
- Larry Ogren, Eckerd College, Jul 1-30, to work on the population structure and migratory patterns of marine turtles in Bocas del Toro.
- David and Jeanne Zeh, Jul 2, to continue research at STRI.

Departures

- Ira Rubinoff, Jun 27-Jul 27, leaves on a combined official business, vacation trip. He will visit Harvard University and the Smithsonian Institution.
- Stanley Rand and Michael Ryan, Jul 3-23, to Venezuela, to continue frog studies.

July Calendar

- July 3 STRI offices will be closed in celebration of 4th of July, U.S. Independence Day ••• *Estarán cerradas las oficinas de STRI en celebración del Día de Independencia de los EEUU el 4 de julio.*
- July 16 Anniversary of establishment of Canal Zone Biological Area (Barro Colorado Island) in 1946.

From the Director ••• Del Director
My sincerest appreciation to all those who contributed time and effort during the recent visits to STRI by the Tupper and Woolsey families ••• *Mi más sincero agradecimiento a todos aquellos, que con su tiempo y esfuerzo, contribuyeron a las visitas recientes de las familias Tupper y Woolsey.*



John Tobin (center), predoctoral fellow from Harvard University, explains to James Woolsey (left to right), Glenn, Mercedes, Hans and Thomas Tupper, and Ira Rubinoff (right) how butterflies defend themselves against predators, during their visit to Barro Colorado Island on Saturday, June 20 ••• John Tobin (centro), becario predoctoral de Harvard University, explica a James Woolsey (iz. a der.), Glenn, Mercedes, Hans y Thomas Tupper, y a Ira Rubinoff (der.) cómo las mariposas se defienden de sus depredadores, durante su visita a Barro Colorado el sábado 20 de junio.

(Foto: A. Caballero)

THINGS YOU SHOULD KNOW

Attention Conference Center Users

Atención Usuarios del Centro de Conferencias

Effective 1 July 1992, persons requesting use of the Tupper Conference Center facilities will be responsible for opening rooms themselves. Please request keys with sufficient time from the receptionist and return them as soon as they are used ••• *Efectivo el 1ero de julio de 1992, las personas que reserven el uso de las instalaciones del Centro de Conferencias de Tupper serán responsables de abrir los salones reservados. Favor de pedir las llaves en la recepción del Centro con suficiente anterioridad, y regréselas tan pronto las use.*

STRI Mini-Bookstore ••• La Mini-Tienda de STRI

The store, now located in the lobby of the Tupper Laboratory building, soon will move to larger quarters, now under construction in the Exhibit Hall. In addition to the books, T-shirts, and native artwork now



Arcadio Rodaniche shows live corals that have been in STRI aquaria for at least four years to James and Rob Woolsey, John Christy and Ira Rubinoff, during their visit to Culeba Point on Monday, June 22 ••• Arcadio Rodaniche muestra los corales vivos que se encuentran en los acuarios de STRI desde hace por lo menos cuatro años a James y Rob Woolsey, John Christy y Ira Rubinoff, durante su visita a Punta Culebra el lunes 22 de junio.

(Foto: M.A. Guerra)

on display, the store will offer a variety of biological supplies (e.g. forceps, insect pins, petri dishes). We welcome suggestions as to what supplies you feel would be most needed ••• La mini-tienda, localizada en el vestíbulo del Edificio Tupper, se mudará próximamente a un local más amplio, bajo construcción dentro del Salón de Exhibiciones del Centro. Adicionalmente a los libros, camisetas y arte nativo que se vende en la actualidad, la mini-tienda ofrecerá a la venta una variedad de materiales biológicos, tales como pinzas, alfileres para insectos y platos petri. Las sugerencias sobre los materiales biológicos que más demanda tienen serán bienvenidas.

At Tupper Center

- Tuesday, June 30
 - Marine Issues Meeting, Large Meeting Room, 10:30 am - 12m.
 - Behavioral Discussion Group, Meeting Room, 4-7 pm.
- Wednesday, July 1
 - Amigos de la Biblioteca Meeting, Small Meeting Room, 9-11 am.

Scholarly Studies Program Grants - Winter 1992

Fourteen Scholarly Studies grants were awarded in March to scholars on the Smithsonian Institution staff.

Eldredge Bermingham received funding for a study on the "Historical Biogeography of Caribbean Birds", with Robert Ricklefs and Gilles Seutin.

Fellowships in Museum Practice

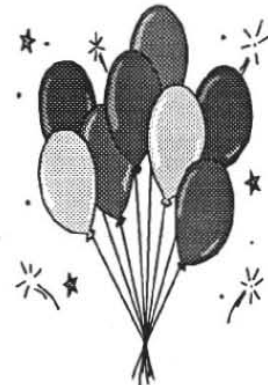
Fellows will receive a stipend of \$2,000 per month for 2-6 months to help support residency expenses in Washington,

DC. Applicants must submit an official application postmarked by May 1, 1993. Awards will be announced July 1 for research projects to begin after October 1. Fellowships in Museum Practice were founded through the generous support of the Smithsonian Women's Committee, a voluntary organization that raises funds for Smithsonian Institution education and research. For an application and more information please contact: Museum Practices, Smithsonian Institution, Office of Museum Programs, Suite 2235, Stop 427, Arts and Industries Building, Washington, DC 20560.

ANNOUNCEMENTS

STRI Birthdays

Juan Campos	3
Dora Justo	10
Raineldo Urriola	16
Orlando Rodriguez	18
Vicente Jaramillo	18
Abdiel Oses	19
Norman Duke	21
Ana L. de la Espada	26
Carlos Grael	26
Egbert Leigh	27
Maria Lorena Cabrera	27
Alejandro Ureña	28
Ricardo Thompson	30



For Sale

- 1985 Dodge Caravan, duty paid - \$7,500 or best offer.
- 1982 Honda Accord luxury hatchback (AC, stereo) top

Klaus Winter (right) explains to Glenn Tupper an on-going project on the photosynthetic response of rainforest plants, during his visit to the Tupper laboratories on Friday, June 19

••• *Klaus Winter (a la derecha) describe el proyecto que estudia la respuesta fotosintética de las plantas de bosques húmedos a Glenn Tupper, durante la visita de éste a los laboratorios del Centro Tupper el viernes 19 de junio. (Foto: M.A. Guerra)*



condition, \$3,800 or best offer (duty paid). Call Keith Forster, 60-9712

- 18,000 BTU air conditioner, like new but noisy. \$100. Elizabeth Borer 64-1751.

Reminder ••• Para Recordar

The compilation of the 1991 STRI Contributions to Research is in progress. Please remember to send María Luz Calderón two copies of all 1991 reprints which did not appear in the draft distributed to the scientific staff, fellows and visiting scientists ••• *La compilación anual de las "Contribuciones al Conocimiento de STRI" se encuentra en progreso. Por favor recuerde de enviar a María Luz Calderón, Oficina de Educación, dos copias de las publicaciones de 1991 que no aparecieron en la lista distribuida entre el personal científico, los becarios e investigadores visitantes.*

FROM OTHER SOURCES

Tu y Yo, los Consumidores "Verdes"

por Martin Abraham

Consumidores y grupos de consumidores a nivel mundial están enfrentando el reto global con un vigor y seriedad sin precedentes... Pero mientras que el consumo verde (de productos que no dañan el ambiente) está bien intencionado, y se traduce significativamente desde el concepto a la acción, el principio de "pensar globalmente —actuar localmente" también tiene su cuota de defectos y desventajas. Como la política de los grandes negocios

es aumentar el consumo y maximizar las ganancias, al convertirse o pretender ser las corporaciones de "tinta verde", poco les interesará incentivar patrones de consumo más bajos o estilos de vida más simples. Por ende, el movimiento de consumo verde se enfrenta con la doble carga de educar a los consumidores para que no sólo escojan productos verdes, sino de manera más importante, que se detengan en primer lugar a preguntarse si necesitan un producto en particular —sea o no verde.

CURSO/CONGRESS

Curso Regional Itinerante Post-universitario en Hidrología y Ciencias del Agua

Del 14 al 25 de septiembre del año en curso se estará impartiendo en la Universidad Tecnológica de Panamá el XIV Curso Regional Itinerante Post-universitario en Hidrología y Ciencias del Agua (CRICA), sobre el Aprovechamiento de Aguas Subterráneas. El curso de 60 horas será impartido por (2) profesores y el costo por participante será de \$70 de 3:00 a 8:00 pm.

SETAC

First SETAC World Congress, Society of Environmental Toxicology and Chemistry, Lisbon, Portugal —March 28-31, 1993. Further information from: Prof. Dr. A.M.V.M. Soares, Department of Zoology, University of Coimbra, 3049 Coimbra Codex, Portugal. Telephone 351-39-22-241 Fax: 351-39-24-226.

STRI NEW BOOKLIST

- Alteration of native Hawaiian vegetation: effects of humans, their activities and introductions / by Linda W. Cuddihy and Charles P. Stone.
QK473.H4C83 1990X STRI.
- Amphibian cytogenetics and evolution / edited by David M. Green, Stanley K. Sessions.
QL668.5.A56 1991X STRI.
- Biology, conservation and management of waterfowl in Venezuela / Francisco Gómez-Dallmeier and Alexander T. Cringan.
QL696.A52G63 1989 STRI.
- The Biodiversity of microorganisms and invertebrates: its role in sustainable agriculture: proceedings of the First Workshop on the Ecological Foundations of Sustainable Agriculture (WEFSA 1) London, 26-27 July 1990 / edited by D.L. Hawksworth.
S589.7.W92 1990.
- Case studies of seven commercial seaweed resources / edited by M.S. Doty, J.F. Caddy, B. Santelices.
SH390.C33 1987 STRI.
- Climates of Australia and New Zealand; edited by J. Gentili.
QC981.C63 STRI.
- Colonización y comportamiento de *Pastronylus humeralis*, Usinger 1939, bajo condiciones de laboratorio (Reduviidae: Triatominae) / por Argentina Ying de Turner.
QL523.R4Y513 1986 STRI
- The Cytoskeleton of the algae / editor, Diedrik Menzel.
QK565.C98 1992X STRI.
- Descripción de diferentes piezas de historia natural las más del ramo marítimo: representadas en setenta y cinco láminas / su autor Antonio Parra.
QL229.C9P25 1787a STRI.
- The Desktop publisher's legal handbook / by Daniel Sitarz.
KF2750.Z9S58 1989X STRI.
- Directory of protected areas and sites of nature conservation interest in Belize / Simon Zisman.
QH77.B42Z81 1989 STRI.
- An Ecological framework for marine fishery investigations, by J.F. Caddy and G.D. Sharp. QL618.3.C12 1986 STRI.
- Ecosystem experiments / edited by Harold A. Mooney [et al.]
QH540.E36 1991X STRI.
- Five Amazonian studies: on world view and cultural change / William R. Merrifield, editor.
F2519.1.A6F53 1985X STRI.
- Fungicolous, lichenicolous, and myxomyceticolous species of *Hypocreopsis*, *Nectriopsis*, *Nectria*, *Peristomialis*, and *Trichonectria* / Gary J. Samuels. QK623.H86S19 1988 STRI.
- Genes and phenotypes / edited by Kay E. Davies, Shirley M. Tilghman. QH445.2.G327 1991 STRI.
- Gadiform fishes of the world: Order Gadiformes, an annotated and illustrated catalogue of cods, hakes, grenadiers and other gadiform fishes known to date / prepared by Daniel M. Cohen [et al.] Ref QL637.9.G3G12 1990 STRI.
- Glossary of geology / Robert L. Bates and Julia, A. Jackson, editors. Ref QE5.B38 1987X STRI.
- Guía de campo de las plantas sin flores: algas, hongos, líquenes, musgos, hepáticas, y helechos / Frank H. Brightman; ilustrado por B.E. Nicholson.
QK513.N62 S1977 STRI.
- Ika no riyo. English * Utilization of squid / M. Sugiyama [et al.] SH336.5.S75I26 1989n STRI.
- The Individual in Darwin's world: the second Edinburgh medal address / Stephen Jay Gould.
GN281.4.G69 1990 STRI.
- Introduction to fisheries management: advantages, difficulties and mechanisms / by J.-P. Troadec.
SH328.T84 1983 STRI.
- Long-term ecological research: an international perspective / edited by Paul G. Risser. QH541.26.L66 1991X STRI.
- Molecular systematics of plants / edited by Douglas E. Soltis, Pamela S. Soltis, and Jeff J. Doyle.
QK95.6.M65 1991X STRI.
- Nemipterid fishes of the world: threadfin breams, whiptail breams, monocle breams, dwarf monocle breams, and coral breams, Family Nemipteridae, an annotated and illustrated catalogue of nemipterid species known to date / by Barry C. Russell. Ref QL638.N347R96 1990 STRI.
- Las Plagas invertebradas de cultivos anuales alimenticios en América Central / por A.B.S. King and J.L. Saunders.
SB176.C35K52 1984 STRI.
- Selected climatic data for a global set of standard stations for vegetation science / Manfred J. Muller.
QC982.M84 1982X STRI.
- Temperate deciduous forests / edited by E. Rhrig and B. Ulrich. QH541.5.F6T28 1991 STRI.
- Tropical tuna - surface fisheries in the Indian Ocean / by B. Stquert and F. Marsac. SH351.T8S83 1989 STRI.