

STRI newsletter

November 8, 1991

SMITHSONIAN TROPICAL RESEARCH INSTITUTE - Apartado 2072, Balboa, Panama

No. 45

TUPPER CENTER SEMINARS

Tuesday, Nov 12, noon seminar speaker will be Jeffrey Graham, University of California at San Diego.

Studies of pelagic fish swimming performance using a large portable water tunnel

SPECIAL SEMINAR

Tuesday, Nov 12, the 6pm seminar speaker will also be Jeffrey Graham.

Air-breathing fishes: respiratory organs, systems and behavior in the act of evolving

BAMBI SEMINAR

Thursday, Nov 14, at 7:30 pm on BCI. Speaker will be T. Robert Dudley.

Biomechanics and physiological ecology of flight in tropical butterflies

Call Vielka Liao on BCI to reserve space on the late boat leaving the island at 9pm.

Next Week

Tuesday, Nov 19, noon seminar speaker will be Phyllis Coley and Thomas Kursar, University of Utah.

Red, white or blue young leaves: an anti-herbivore defense

PEOPLE

Arrivals

- Peter Spiro, Princeton University, Nov 10-Dec 30, to work on height, diameter, crown relationship on tropical trees at BCI.
- Jeffrey Graham, Nov 10-20, to consult with STRI staff and explore feasibility for furthering studies on swimming metabolism in Panama.
- Vanessa Gorman, Tracey Curro, Kris Denton and Rick Creaser, Beyond 2,000 film crew, Nov 11-12, to film Nicholas Smythe Paca Project at the Tupper Center.



On Wed Oct 30 coworkers at STRI hosted a farewell party for Flor Carvallo (center), accounting assistant, who left STRI to apply her studies in business administration as assistant manager at La Mansión Danté ••• El miércoles 30 de octubre, compañeros del STRI le ofrecieron una fiesta de despedida a Flor Carvallo (centro), asistente de contabilidad, quien asumirá las funciones de Sub-Gerente de La Mansión Danté, siguiendo su carrera de Administración de Empresas. (Foto: M.A. Guerra)

Departures

- Brian Keller, Norman Duke, John Cubit and Hector Guzman, Nov 6-9, to attend Minerals Management and Information Transfer Meeting in New Orleans.
- Jorge Ventocilla, Nov 11-Dec 17 to Lima, Peru to consult with colleagues from *Fundación Peruana para la Conservación* and then on vacation.
- Ira Rubinoff, Nov 11-13, for official business to Costa Rica.
- Richard Condit, Nov 13-25, to Princeton and Harvard Universities to attend forest dynamics discussion meeting.

Reminder ••• Para Recordar

- Monday Nov 11 is Veterans' Day and a STRI Holiday. It is also a holiday in Panama to celebrate *El Grito de Los Santos* and all banks and government offices will be closed ••• El lunes 11 de noviembre se conmemora el Día de Veteranos en los Estados Unidos y es un día libre para los empleados del STRI. También se celebra El Grito de los Santos en Panamá y todos los bancos y oficinas gubernamentales estarán cerrados.
- Tuesday Nov 12 at 9:30 am: Scientific Staff Meeting at Large Meeting Room, Tupper Center.

On Leave

Saturnino Martinez Nov 12-Dec 6
Celideth Mendoza Nov 25-27

THINGS YOU SHOULD KNOW**It's Open Season Again**

For Federal Employees Health Benefits, open season will be from November 15 through December 10, 1991. Any eligible employee may enroll and an enrolled employee may change from one plan option to another, or from self to self and family, or any combination of these options. We received a few pamphlets for both Blue Cross/Blue Shield and the Panama Canal Area Benefit Plan which are available in the STRI Office of Human Resources.

For the Thrift Savings Plan, open season will be from November 15 through January 31, 1992. During open season, eligible employees may begin participation, stop it or alter investments in the tax-deferred retirement program.

Contact the Office of Human Resources for assistance.

Temporada Abierta

La temporada abierta de Beneficios Médicos para Empleados Federales este año será del 15 de noviembre al 10 de diciembre. Todo empleado elegible puede inscribirse, y cualquier empleado ya inscrito puede cambiarse de plan o de opciones dentro de algún plan, o de "individual" a "familiar", o cualquier combinación de estas opciones. Hemos recibido unos cuantos panfletos tanto del plan Blue Cross/Blue Shield como del Panama Canal Area Benefit, los cuales tenemos en la Oficina de Recursos Humanos de STRI para cualquier empleado que esté interesado.

La temporada abierta del *Thrift Savings Plan* será del 15 de noviembre de 1991 al 31 de enero de 1992. Durante la temporada abierta, los empleados elegibles pueden ingresar al plan, salirse del plan, o modificar sus inversiones en este programa de jubilación con impuestos diferidos.

Para asistencia, favor comunicarse con la Oficina de Recursos Humanos.

News from Procurement

The Procurement Storeroom will be closed for fumigation from Friday, November 8, through Tuesday, November 12. Our apologies but all requests will be delayed.

Assistant Available

Need a research assistant? Eve Davies is a Master's student at Utah State University. She is extremely interested in seeing the tropics and is willing to be a research assistant as long as most of her expenses are covered. She has experience with rodents, bats, bees and birds. Contact Argelis Roman, STRI Education Office, or Lissy Coley on BCI for a copy of her CV.

ANNOUNCEMENTS**At Tupper Center**

Tuesday Nov 12 9:30 am, Scientific Staff Meeting at Large Meeting Room.
11 am-1pm, Molecular Biology Program Meeting at Large Meeting Room.

Wednesday Nov 13 9 am-12 noon COABIN Meeting, Small Meeting Room.
9-11 am, STRI Game Wardens Meeting at Large Meeting Room.

Friday Nov 15 8 am-5 pm Consulta Nacional sobre Agenda Centro Americana de Ambiente y Desarrollo y Posición Centroamericana para ECO 92, Auditorium, Meeting Rooms and Exhibit Hall.

Center for World Environment

Three major North Carolina research universities, Duke University, North Carolina State University and the University of North Carolina at Chapel Hill, have launched a new center, the Center for World Environment and Sustainable Development, to work on solutions to environmental deterioration and destruction worldwide. The work of the center will have three broad thrusts: promoting tropical conservation and development; attacking environmental problems in industrialized nations, especially those of eastern Europe where pollution is extremely severe; and confronting climate changes.

A six member board of trustees, comprising two academic deans appointed by each of the three member universities, provides general oversight of the center's operations. A faculty steering committee, also composed of representatives from each university, plays a central role in defining research priorities and designing and monitoring programs. The directorship of the center will rotate among the three universities, and administrative operations will be housed in existing facilities. Currently, North Carolina State University is providing administrative facilities for the director and his staff. For more

information, write: Center for World Environment and Sustainable Development, North Carolina State University, Campus Box 7619, Raleigh, NC 27695-7619.

STRI Has a New Logo ••• *STRI Tiene un Logo Nuevo*



This logo was designed to incorporate the old STRI logo and the Smithsonian Institution Sunburst. ••• *Este logo se diseñó para incorporar el logo original del STRI con el sol de la Institución Smithsonian.*

TRAINING

Tropical Botany - An Educational Opportunity

Harvard University Summer School, in collaboration with Fairchild Tropical Garden, offers an intensive in-residence graduate level course in tropical botany, centered in Miami, Florida at Fairchild Tropical Garden. The course (4 weeks) will be given in Miami and has been offered on a regular basis since 1972. The dates are June 15-July 11, 1992.

- Instructor: P.B. Tomlinson, Harvard Forest, Petersham, MA 01366.
- Pre-requisites: A reasonably extensive training in the botanical sciences and familiarity with the major groups of plants. Students will be chosen according to whether their experience and interest will allow them to benefit from the course and the significance the course may have in their further professional development.
- Enrollment: Limited to 10 students, with preference given to graduate students. Applicants will be selected on the basis of their previous experience, their academic need and their ability.
- Scholarships: Partial tuition and partial travel support are available for qualified students.
- Applications: Should be made to the Summer School of Arts and Sciences, Harvard University or the Environmental and Field Biology, Dept. FB, Harvard Summer School, 51 Brattle Street, Cambridge, MA

02138. Admission is made on the basis of a Supplementary Application available at the above address or from the instructor. For further information and application form see you local bulletin board.

Cursos Diplomados

El enfoque EPOMEX es formar especialistas, a través de cursos avanzados cortos, impartidos en español y/o inglés a nivel internacional. Se considera que esta opción es más rápida y eficiente que tener estudiantes nacionales o extranjeros enrolados en estudios regulares de postgrado. Durante 1993 se ofrecerán cinco Cursos Diplomados, independientes entre sí, sobre tópicos clave en economía ecológica, análisis de ecosistemas, procesos costeros, impactos ambientales y pesquerías artesanales. En todos los casos los cursos están orientados al manejo de ecosistemas costeros tropicales.

Para mayor información escriba a Cursos Diplomados Internacionales de Postgrado, Universidad Autónoma de Campeche, Ap. Postal 520, Campeche 24000, Campeche, México o llame al (981)11600 • Fax (981)65954.

FROM OTHER SOURCES

Fundación Científica Seguirá en Islas Galápagos

QUITO (EFE) - La Fundación Internacional "Charles Darwin" seguirá su labor científica en las Islas Galápagos durante otros 25 años. La Secretaría de Prensa de la Presidencia ecuatoriana informó que el Ministro de Relaciones Exteriores y la Fundación firmaron un nuevo convenio para elaborar un plan general de conservación en las islas.

En el acto de firma del acuerdo estuvieron, como testigos de honor, el Presidente del Ecuador, Rodrigo Borja, y el Príncipe Henry de Luxemburgo, miembro del Consejo Directivo de la Fundación Charles Darwin. El Príncipe de Luxemburgo garantizó, en declaraciones a la prensa, su colaboración para conseguir los fondos necesarios para financiar los programas de preservación de las islas.

En los últimos 27 años, la protección y conservación del archipiélago, declarado en 1979 por la UNESCO "Patrimonio Natural de la Humanidad", ha estado dirigido por la Fundación y la estación biológica que llevan el nombre del científico britano Charles Darwin.

Las Galápagos, archipiélago de 13 islas, 17 islotes y 40 rocas cubiertas en su mayoría por lava volcánica, están situadas a unos 1,000 kilómetros al oeste de la costa continental ecuatoriana y tienen una flora y fauna únicas en el mundo.

STRI NEW BOOKLIST

Anatomy and physiology of diseased plants / Dragoljub D. Sutin. QK711.2.S96 E1991 STRI.

Between God, the dead and the wild: Chamba interpretation of religion and ritual / Richard Fardon. DT474.6.C48F37b 1990 STRI.

Biolexicon: a guide to the language of biology / Charles Blinderman. QH302.5.B59 1990X STRI.

Blood-sucking mosquitoes of the subtribe Culisetina (Diptera: Culicidae) in world fauna / A.V. Maslov; scientific editor Ronald A. Ward. QL536.M2313 1989X STRI.

Conservación en México: síntesis sobre vertebrados terrestres, vegetación y uso del suelo / Oscar Flores Villela y Patricia Gerez. QH77.M6F63 1988 STRI.

Cult archaeology and creationism: understanding pseudoscientific beliefs about the past / edited by Francis B. Harrold and Raymond A. Eve. D10.C84 1987X STRI.

Dynamic aquaria: building living ecosystems / Walter H. Adey. SF457.5.A33 1991X STRI.

Elsevier's dictionary of fishery, processing, fish, and shellfish names of the world in five languages, English, French, Spanish, German, and Latin / compiled by Robert Nagedly. Ref SH201.E47 1990X STRI.

Evolution of the vertebrates: a history of the backboneed animals through time / Edwin H. Colbert, Michael Morales. QE841.C68 1991X STRI.

Fundamentals of mathematical evolutionary genetics / Yuri M. Svirezhev and Vladimir P. Passekov. QH438.4.M3S9413 1990X STRI.

Inorganic nitrogen in plants and microorganisms: uptake and metabolism / W.R. Ullrich ... [et al.], eds. QK898.N6I54 1990X STRI.

The Mythology of South America / John Bierhorst. F2230.1.R3B54 1988X STRI.

Narratives of human evolution / Misia Landau. GN281.L354 1991X STRI.

Plant-animal interactions: evolutionary ecology in tropical and temperate regions / edited by Peter W. Price ... [et al.]. QH549.5.P53 1991X STRI.

Policies for maximizing nature tourism's ecological and economic benefits / Kreg Lindberg. G155.A1L74 1991 STRI.

Polychaetes: British phyllodoceids, typhloscolecoideans and tomopteroideans / Fredrik Pleijel. QL391.A6P72 1991 STRI.

Polychaetes, interstitial families: keys and notes for the identification of the species / W. Westheide. QL391.A6W52 1990 STRI.

Proceedings of the 7th International Palynological Congress / edited by E.M. Truswell and J.A.K. Owen (International Palynological Congress (7th: 1988: Brisbane, Qld.). QE993.I57 1988aX STRI.

Progress in phycological research, v.7 / F.E. Round & D.J. Chapman, eds. QK564.P965 STRI.

Small libraries: a handbook for succesful management / Sally Gardner Reed. Z678.R424 1991X STRI.

The Social biology of wasps / edited by Kenneth G. Ross, Robert W. Matthews. QL568.V5S58 1991X STRI.

The Status of Polylepis forests and their avifauna in Cordillera Blanca, Peru: technical report from an inventory in 1988, with suggestions for conservation management / by Ole Frimer & Sussie Moller Nielsen. QL689.P4F913 1989 STRI.

Stratification of tropical forests as seen in leaf structure, part 2 / B. Rollet. QK649.R64 1990X STRI.

Sustainable development and environmental management of small islands / edited by W. Beller. P. D'Ayala, and P. Hein. GF61.S87 1990X STRI.

Verbal art in San Blas: Kuna culture through its discourse / Joel Sherzer. PM3743.1.S54 1990XSTR I.

Advances in botanical research, v.15, 1988; v.17, 1990.

From: 365 Ways to Save our Planet
• Page-a-Day Calendar •

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