

STRI newsletter

MAY 25, 1990

SMITHSONIAN TROPICAL RESEARCH INSTITUTE, Apartado 2072, Balboa, Panamá

No. 21

SEMINARS

Tupper Center Auditorium

Tuesday, May 29, noon seminar speaker will be Anthony G. Coates, George Washington University.

Geologic evidence for the timing of the closure of the Isthmus of Panama.

Thursday, May 31, Ann Budd, University of Iowa, will give a seminar at noon.

Biological and historical factors affecting longterm evolutionary patterns in the reef coral Montastrea.

NEXT WEEK

On Tuesday, June 5, we will have two noon seminar speakers. At 11:30 a.m. Alan Graham, Kent State University, will speak on—

Events in the Cenozoic evolution of Gulf/Caribbean vegetation.

At 1 p.m., Felipe Guhl, Universidad de los Andes, Colombia will give a talk—

Los programas de investigación en el Departamento de Ciencias Biológicas.

Thursday, June 7, at 6 p.m., Alan Graham, Kent State University, will give an evening seminar.

Paleoenvironments and vegetation response in southern Central America (Panama/Costa Rica) during the Cenozoic.

Secretaries' Day Celebration



On April 26, STRI supervisors hosted a special luncheon for STRI secretaries at the new Tupper Restaurant. From left to right, front row: Vielka Vergel, Maritza Perurena, Isis Estril, Georgina de Alba, Nereida Hernandez, Maritza Concepcion, Roxana Duran, Celideth Mendoza. Back row: Mercedes Arroyo, Mirna Fernandez, Ana de la Espada, Carmen Sucre, Leonor Motta, Gloria Maggiori, Gloria Zelaya, Dora Justo, America Staff, Ana Maria Ford, Elena Lombardo. (Photo by Carl Hansen)

PEOPLE

Arrivals

- Gwen Keller, Savannah River Ecology Lab, May 27 - September 30, to work with Jeremy Jackson at Naos.
- Richard Condit, Princeton University, May 27 - July 2, to work on a detailed preparation of the map of a 50 ha. section of BCI.
- Robin Andrews, Virginia Polytechnic and State University, May 28 - June 20, to continue research on population dynamics of vertebrates of tropical forest undergrowth on BCI.
- Kyra Mills, University of Texas at Austin, May 28 - August 28, to work with Stanley Rand on his Tungara frog female choice project.
- Ann Budd, University of Iowa, May 29 - June 1, to be interviewed for the paleoecology position and to give a seminar.
- Thomas Juenger, University of Illinois, May 29 - August 30, to do research on social organization and mating system of tropical tent-making bats.
- Catherine Craig, Yale University, and her assistant Jennifer Maas, June 1 - 15, to continue research on the influence of insect visual capability on the evolution of spider foraging strategies.

Departures

♦ May 26 - July 9, Eric Fischer, Deputy Director, will be on vacation visiting various cities in the U.S.; during June, Dr. Fischer will attend a course for federal executives in Charlottesville, VA.

♦ June 1 - 5, Ira Rubinoff, Director, to Costa Rica to visit various institutions, including La Selva Field Station, and consult with colleagues.

On Leave

Georgina de Alba, May 28 - June 1

Wedding Bells

Alicia Salas, STRI Accounting Department, and Marcos Pino were married on May 18.

Nota Luctuosa

Nuestro más sincero pésame a Gloria Maggiori, Ricardo Thompson y Rosa Zambrano por el fallecimiento de sus respectivos padres en los últimos días.

THINGS YOU SHOULD KNOW

BCI Journal Club

Dr. Robert Dudley will present a BAMBÍ on Barro Colorado Island, Thursday, May 31 at 7:30 p.m. The title of the presentation is "Chaotic dynamics of the *Euglossine* flight motor". This talk is part of a TRASH series concerning chaos in biological processes. A launch will leave Gamboa at 5:35 p.m. and return from the island at 9:00 p.m.

Reminder

The STRI Library will be closed due to fumigation from 4-6 p.m. on Friday May 25, on Saturday May 26, and on Monday and Tuesday, May 28/29. The library staff may be reached at Tupper, Room 709, ext. 346 on Tuesday.

On APO Mail

The U.S. Air Postal Squadron authorities have published *A Guide for Military Postal Service Patrons*, which has been distributed to each facility secretary at STRI. Please take a minute and refer to it if you have any doubts regarding APO postal service.

STRI Publications

• H. Guzmán, J. Cortés, P.W. Glynn, R.H. Richmond. Coral mortality associated with dinoflagellate blooms in the eastern Pacific (Costa Rica and Panama). *Marine Ecology Progress Series*, Vol.60: 299-303, 1990.

• N. Manokaran, J.V. Lafrankie, K.M. Kochummen, E.S. Quah, J.E. Klahn, P.S. Ashton, S.P. Hubbell. Methodology for the fifty hectare research plot at Pasoh Forest Reserve. *Research Pamphlet*, Malaysia Forest Research Institute, No. 104/1990.

When Calling Tupper...

When calling the Tupper/Tivoli complex during phone duty time (noon), please try to give the extension number of the person you are calling to facilitate call transfers.

Los Aulladores de STRI

El horario de la liga de fútbol esta semana es el siguiente--

- Martes, 29 mayo, Smithsonian vs Dredging Division, 4:50 p.m., Gamboa
- Miércoles, 30 mayo, Smithsonian vs MIS, 5:30 p.m., Balboa High School Stadium.
- Viernes, 1 junio, Smithsonian vs Canal Protection, 6:30 p.m., Balboa High Stadium. Todos están cordialmente invitados.

Dibujante Disponible

Víctor Samudio, dibujante/cartógrafo, ofrece sus servicios como técnico cartógrafo, separación de colores, confecciones de mapas, anuncios, afiches, gráficas, flujograma, rotulación, etc. Tels. 28-2303, 36-2444. Referencias de su trabajo: Dra. Noris Salazar, Prof. Mireya Correa.

Job Available

Biologist-PhD in the marine sciences to become resident director of the Bahamian Field Station, Ltd. on San Salvador Island, Bahamas. Administrative and teaching position requiring managerial and organizational skills, a strong mechanical aptitude, and the ability to work well with diverse peoples. (Bahamian Field Station, P.O. Box 2488, Port Charlotte, FL 33949-2488)

Holiday

Remember Monday, May 28, Memorial Day, is a STRI holiday.

ANNOUNCEMENTS

Lo Que Estamos Haciendo

Este mes el conferencista del programa para los empleados será el Dr. John Cubit. La conferencia, "El Proyecto del Derrame de Petróleo", se llevará a cabo el viernes, 1ro. de junio a las 3:30 p.m. en el Auditorio del Centro Tupper. Confirme su asistencia antes del miércoles 30 de mayo. Tanto el personal permanente nuevo y el personal bajo contrato también están cordialmente invitados a participar en este programa. Aquellos interesados deben comunicarse con Gloria Zelaya, Oficina de Educación.

Books on Scientific Diving

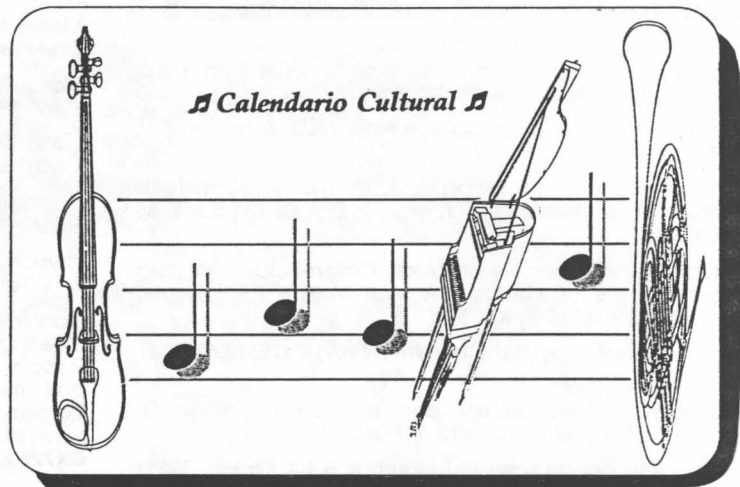
The following books from the office of Michael Lang, SI Scientific Diving Officer, are available for loan on a daily basis only, at Naos Marine Lab: *Diving for Science*, 1985, 1986, 1989; *Coldwater Diving for Science*, 1987; *Special Session on Coldwater Diving*; *Proceedings of Dive Computer Workshop*; *Advances in Underwater Science*, 1988; *Proceedings of Biomechanics of Safe Ascents Workshop*. If interested contact Mercedes Arosemena, Tel. 28-4039.

Assistants Available

Luther Quinn is interested in working as an assistant at STRI from May 18 through August 18, 1990. Mr. Quinn is a PADI Advanced Diver and has his own equipment. He is working toward a B.S. in Biology at Eckerd College, St. Petersburg, Florida. (Tel. in Panama City 52-6929).

Rebecca J. Wetzstein is interested in working as an assistant at STRI from May through August, 1990. Ms. Wetzstein is currently studying environmental biology in Irvine, CA. She has basic laboratory skills, computer skills, conversational Spanish and is a certified SCUBA diver (Box 573, Amador, 34007, Tels. in Panama City 52-6570/6418 or Naos 52-5840 ext. 323 working hours).

Victoria Apsit is interested in working at STRI. Ms. Apsit has a M.S. degree in Plant Biology from the University of New Hampshire. She has field, greenhouse and laboratory work experience, involving plant reproductive ecology and plant genetics, and also in starch gel electrophoresis. (189 Walnut Road, Wrentham, Massachusetts, Tel. 508-384-3019).



Los concertistas israelíes Hagai Shaham y Arnon Erez se presentarán en el Auditorio **Aboud Attia**, del Instituto Alberto Einstein, el 26 de mayo, 8:30 p.m. y el 27 de mayo, 6:30 p.m. Boletos a la venta en Danté y la Librería Argosy.

En el Centro de Convenciones Atlapa se presenta el **Primer Concierto de Música Cristiana**, a beneficio del Proyecto de la Ciudadela Jesús y María, el 26 de mayo, 8 p.m.

La Balsería Soloy-Cocolí presenta una noche de jazz con la presentación especial del **Cuarteto Bat Gordon**, 27 de mayo, 3 p.m.

La Asociación Nacional de Conciertos presenta al pianista **Leonid Kuzmin** en el Teatro La Huaca de ATLAPA, el 30 de mayo, 8 p.m. Boletos a la venta en la Librería Argosy.

En el Restaurante las Tinajas, el viernes, 1ro. de junio, de 5-7 p.m., **Asociaciones Cívicas Unidas** para la Reforestación de Panamá, le invita a una tarde de té, música y modas, presentando al Ballet Nacional de Panamá, Creaciones de Helen Breebaart, Cantautor Panameño. Entrada \$10.00, boletos a la venta en la Biblioteca del STRI, hasta el 28 de mayo.

Todos los martes se presentan en el Groucho Pub a las 8:30 p.m. **Roberto Roldán** y sus invitados con canciones de tipo intimista en *Conversaciones con el Alma*. Y los miércoles a las 8 p.m., la nueva canción panameña presenta a **Berta Pereira** con el grupo **Acertijo**. ☺

STRI LIBRARY NEW BOOK LIST

Biogeography and ecology of the Seychelles Islands (DR Stoddart, ed., 1984) **QH196.S4B615 STRI.**

Biology of anaerobic microorganisms (AJB Zehnder, ed., 1988) **QR89.5.B56 1988X STRI.**

Biomass yields and geography of large marine ecosystems (K. Sherman & LM Alexander, eds., 1989) **QH541.5.S3B565 1989X STRI.**

A Catalog of the Neotropical Collembola, including Nearctic areas of Mexico (JA Marl Mutt & PF Bellinger, 1990) **QL503.A1M37 1990X STRI.**

Clay sedimentology (H. Chamley, 1989) **QE389.625.C47 1989X STRI.**

Dictionary of biochemistry and molecular biology (J. Stenesh, 1989) **Ref QP512.S73 1989X STRI.**

Dynamics of ocean tides (GI Marchuk & BA Kagan, 1989) **GC301.2.M3713 1989X STRI.**

Echinoderm biology : proceedings of the Sixth International Echinoderm Conference, Victoria, 23-28 August 1987 (International Echinoderm Conference (6th : 1987 : Victoria, B.C.), 1988) **QL381.I61 1987 STRI.**

Ecosistemas terrestres de Honduras (N. Agudelo C., 1987) **QH541.5.F6A28 1987 STRI.**

Genes in populations (EB Spless, 1977) **QH455.S67 STRI.**

Growth factors and their receptors : genetic control and rational application : proceedings of an Abbott-Cetus-Genentech-Smith, Kline and French-UCLA Symposium held in Keystone, Colorado, January 24-30, 1988 (Abbott-Cetus-Genentech-Smith, Kline and French-UCLA Symposium (1988 : Keystone, Colo.), 1989) **QP801.G74A23 1988X STRI.**

Harvest mice (genus *Reithrodontomys*) of Nicaragua (JK Jones Jr. & HH Genoways, 1970) **QL737.R63J77 1970 STRI.**

Ictiofauna demersal y aspectos biogeograficos de la costa sudoccidental de Africa (SWA/Namibia) (D. Lloris, 1986) **QL621.72.L79 1986 STRI.**

Insect endocytobiosis : morphology, physiology, genetics, evolution (W. Schwemmler & G. Gassner, eds., 1989) **QL494.8.I56 1989X STRI.**

Insecticides of plant origin (JT Amason et al., eds., 1989) **SB951.54.I57 1989X STRI.**

Manual of the grasses of the West Indies (AS Hitchcock, 1936) **QK495.G74H67w STRI.**

Measurements for terrestrial vegetation (CD Bonham, 1989) **QK911.B57 1989X STRI.**

Mechanisms and effects of pollutant-transfer into forests : proceedings of the Meeting on Mechanisms and Effects of Pollutant-Transfer into Forests, held in Oberursel/Taunus, F.R.G., November 24-25, 1988 (Meeting on Mechanisms and Effects of Pollutant-Transfer into Forest (1988 : Oberursel, Germany), 1989) **QK750.M52 1988X STRI.**

Molecular and genetic aspects of nitrate assimilation (JL Wray & JR Kinghorn, eds., 1989) **QK898.N57M65 1989X STRI.**

Molecular biology of symbiotic nitrogen fixation (PM Gresshoff, ed., 1990) **QR89.7.M65 1990X STRI.**

Mosquitoes of medical importance (RH Foote & DR Cook, 1959) **RA640.F689 STRI.**

El Nino, La Nina, and the southern oscillation (SG Philander, 1990) **GC296.8.E4P48 1990X STRI.**

Origins of Pre-Columbian art (T. Grieder, 1982) **E59.A7G74X 1982 STRI.**

Physiological function in special environments (CV Paganelli & LE Farhi, eds., 1989) **QP33.P48 1989X STRI.**

Plant membranes : structure, assembly and function : a meeting organized by the Phytochemical Society of Europe, the Membrane Group of the Biochemical Society and the Plant Metabolism Group of the Society for Experimental Biology and held at University College Cardiff in April 1988 (JL Harwood & TJ Walton, eds., 1988) **QK725.P714 1988 STRI.**

Plant protection and quarantine (RP Kahn, ed., 1989) **SB980.K34 1989X STRI.**

The Segmental motor system (MD Binder & LM Mendell, eds., 1990) **QP369.S44 1990X STRI.**

Slow deformation and transmission of stress in the earth (SC Cohen & P. Vancek, eds., 1989) **QE604.S57 1989X STRI.**

Target sites of herbicide action (P. Bger & G. Sandmann, eds., 1989) **QK753.H45T37 1989X STRI.**

Two new subspecies of birds from Guatemala (RW Dickerman, 1987) **QL687.G9D54f 1987 STRI.**

Humor



"I say we do it ... and trichinosis be damned!"