

STRI newsletter

September 11, 1992

SMITHSONIAN TROPICAL RESEARCH INSTITUTE - Apartado 2072, Balboa, Panamá

No. 39

TUPPER CENTER SEMINARS

Tuesday, Sep 15, noon presentation of the fourth video of the series "El Espejo Enterrado" *El Precio de la Libertad*.

BCI BAMBI SEMINAR

On Thursday, Manuel Guariguata will give an informal seminar on BCI on: "*Resprouting and survival of damaged tree saplings*"

Those planning to attend should call Vielka Liao to arrange transportation.

PEOPLE

Arrivals

- Mary Jane Eberhard, STRI scientific staff, Sep 15-18, for official business at STRI.
- Ellen Smith, Univ. of Washington, Sep 14-Dec 30, to continue research on *Colostethus* & *Centrolenella* and general patterns of the hormonal basis of parental care in frogs at Gamboa.
- Carlos Fitzgerald, Pre-doctoral fellow, Univ. of Pennsylvania, Sep 15, 92-Sep 15, 1993, to work on the archaeology of a frontier: Chame in Eastern Panama.
- Deedra McClearn, Cornell Univ., and Larry Carbone, Sep 17-29, to work on locomotor and feeding behaviors of BCI animals.

Departures

- Eldredge Bermingham, staff scientist, Sep 15-Oct 5, to Ecuador to do research in collaboration with colleagues, C. Kolman, M. Walker, F. Sinclair, from the Univ. of Panama, and M. Aveiga, P. Casares, P. Leone and A. Padilla from PUCE.
- Anthony Coates, deputy director, Sep 18-Oct 2, to Costa Rica and Washington, DC on official business.

The STRI community is invited to the inauguration of the photographic exhibit *Wildflowers of Soberania National Park* at Tupper Center Exhibit Hall, this Friday, Sep 11, at 4pm ••• *La comunidad de STRI está invitada a la inauguración de la exhibición fotográfica Flores Silvestres del Parque Nacional Soberanía en el Salón de Exhibiciones del Centro Tupper, este viernes 11 de septiembre a las 4pm.*



Cindy Martin (right) trains volunteer docents-guides for the new photographic exhibition "Wildflowers of Soberania National Park". The exhibit will open to the public on Sep 21 ••• Cindy Martin (derecha) entrena a docentes voluntarios que serán los guías de la nueva exposición fotográfica "Flores Silvestres del Parque Nacional Soberanía". La nueva exhibición se abrirá al público a partir del 21 de septiembre.

(Foto: M.A. Guerra)

THINGS YOU SHOULD KNOW

Renewal of the STRI Scientific Evening Seminar

The informal STRI staff seminars will resume on Thursday, September 17th, at 5:30 p.m. in the Tupper Conference Center. Light refreshments and a relaxed cordial atmosphere we hope will be the setting for a series of informal talks about research-in-progress by members of STRI's staff.

The first speaker is Mary Jane West-Eberhard who will give a presentation entitled "A Darwinian Cure for the under-development of evolutionary biology: how Charlie Dee discovered the secrets of life".

Abstract

This rerun of California banquet address tells the success story of a young biologist from Anglelandia, an island nation populated entirely by evolutionarists. The unknown novice discovers four rules of nature finally connecting development and behavior with natural selection, and evolution, and wins the approval of the Old Philosophers' Club and the acclaim of his countrymen.

Rated PG (one pornographic slide). Musical score by Samuel Scheidt. Featuring BCI and Gamboa players. Wine and cheese will be served, Auditorium, Thursday, September 17 at 5:30 pm.

The program for the rest of the year will be the following:

- Thursday, 15th October, 5:30 p.m., Tupper Conference Center (in association with the Panamanian Academy for Medicine and Surgery)
- Tomás Arias (University of Panama), Eldredge Bermingham and Richard Cooke: "History, genetics and population pharmacology of indigenous peoples in Panama".
- Thursday, 19th November, 5:30 pm, Tupper Conference Center, Tony Coates: "Geological constraints on the paleogeography of the Isthmus of Panama, at 10, 5 and 1 million years".
- Thursday, 17th December, 5:30 pm, Tupper Conference Center, Jeremy Jackson: "Patterns in the marine fossil record of the last 10 million years in tropical America" (exact title to be announced later).

Seminario en Cerro Pirre

Del 31 de agosto al 8 de septiembre se realizó en la Estación de Cerro Pirre el II Seminario Teórico Práctico de Capacitación Para Guardabosques del Parque Nacional Darién. El seminario contó con la participación de científicos de STRI en calidad de instructores (Nicholas Smythe, Monitoreo de Fauna Silvestre, Jorge Ventocilla, Educación Ambiental, Richard Condit, identificación botánica y E. Marciaga, patrullaje en áreas protegidas). Catorce guardabosques, miembros todos de comunidades emberá, kunas y darienitas recibieron instrucción durante este seminario, organizado por INRENARE con el apoyo de ANCON.

Regarding Mail

The APO post office has established that unit mail clerks pick-up and deliver mail each morning from 10am-1pm, and in the evenings from 3pm, to 5:30pm. The Registry Section will operate from 7:30am-12 noon and 1-3pm Monday through Friday. Registered mail for local post offices will be delivered to the registry section for dispatch no later than 12 noon daily. STRI's Procurement Department requests that you deliver your mail to the pick up points in time for the department to meet the above schedule. Everaldo Curney, Unit Mail Clerk, or alternate clerk, collects/delivers mail as follows.

Delivery/Pick up	Hour	Site
Pick Up	8:00 am	Tivoli/Tupper/Pastor House
Delivery	10:00-11:30 am	Tivoli/Tupper/Pastor House
Delivery/Pick Up	11:45-12:15 pm	Naos Complex House
Pick Up	2:00-2:30 pm	Tivoli/Tupper/Pastor House

Delivery to the APO for Express Mail will be at 3:00 pm. Packages and envelopes must be at Procurement no later than 2:30 pm.

Reminder: The APO address should be used only for shipping/receiving research equipment and/or supplies and official mail. Smithsonian postage paid, franked envelopes and labels should be used only for official business.

New Employee ••• Nuevo Empleado

We welcome to STRI C. Antonio Montaner who will begin working on September 20 as the head of the Office of Photographic Services. Mr. Montaner graduated from Stirling U. in Scotland, where he studied photography. He also studied biology at the U. of Panama and photography at the School of Fine Arts. He has more than 15 years experience in scientific photography and has participated in research and biology-related projects with Peter Glynn and Nicholas Smythe ••• *Le damos la bienvenida al Smithsonian a C. Antonio Montaner, quien estará a cargo de la Oficina de Servicios Fotográficos a partir del 20 de septiembre. El Sr. Montaner es egresado de Stirling U. en Escocia, donde estudió fotografía. También curso estudios de biología en la U. de Panamá y ha tomado cursos de fotografía en la Escuela de Artes Plásticas. Cuenta con más de 15 años de experiencia en fotografía científica y ha trabajado en proyectos relacionados a la biología con Peter Glynn y Nicholas Smythe.*

COURSES/CONGRESSES

1993 OTS Courses

- 93-7 *Agroecología*, de junio a julio de 1993; la inscripción vence el 1 de febrero de 1993.
- 93-6 *Principios Ecológicos para la Toma de Decisiones y el Manejo de Recursos Naturales*, de agosto a septiembre de 1993; la inscripción vence en mayo de 1993.
- 93-1 *Tropical Biology: an Ecological Approach*, de enero a marzo de 1993; la inscripción vence el 1 de octubre de 1992.
- 93-3 *Tropical Biology: an Ecological Approach*, de junio a agosto de 1993; la inscripción vence el 15 de marzo de 1993.
- 93-4 *Tropical Managed Ecosystems*, de junio a agosto de 1993; la inscripción vence el 1 de marzo de 1993.
- 93-10 *Tropical Diversity*, tres semanas en agosto de 1993; la inscripción vence el 15 de marzo de 1993.
- 93-11 *Tropical Plant Systematics & Evolution*, de julio a agosto de 1993; la inscripción vence el 1 de marzo de 1993.

Curso de Moluscos

La Agencia de Cooperación Internacional del Japón presenta el 5° Curso Internacional en Cultivo de Moluscos, a celebrarse en la Universidad Católica del Norte en Coquimbo, Chile, del 19 de octubre al 13 de noviembre. Para mayor información consulte a Marissa Crespo, Oficina de Educación.

AMLC MEETING

AMLC Pleased with STRI Hosting of 25th Anniversary Marine Conference

by Gretchen Sotomayor

Finding ways to improve the study and preservation of marine life in the Caribbean region was the focus of a bilingual scientific conference that drew about 60 Caribbean and Latin American researchers to Panama last month.

Hosted by the Smithsonian Tropical Research Institute in Panama City, the 25th anniversary meeting of the Association of Marine Laboratories of the Caribbean (AMLC) attracted the greatest number of Latin researchers in years, said STRI scientist John Christy, AMLC president.

"We used the opportunity, because of our location, to increase the participation of Central and South American participants, which is one reason why the meeting was bilingual," Christy said. "That was very much appreciated by many people."

The August symposium provided an informal atmosphere for the exchange of scientific information. Participants spent three days attending technical lectures given by 50 scientists from Mexico, Venezuela, Costa Rica, Panama, Jamaica, Puerto Rico, the Bahamas and the United States. Coral reef ecology, marine habitat monitoring and fisheries research were the most popular issues at the conference, and those who lectured were also given the opportunity to publish their talks in a special issue of the *Revista de Biología Tropical*. Christy said this is the first published symposium volume related to an AMLC conference.



Milton García, instructor in the STRI/University of Panama fieldcourse on research methodology, received certificate from Ira Rubinoff. Celestino Araúz, Vicerrector of Research, Mireya Correa, STRI-University of Panama liaison and Georgina de Alba, educational coordinator were also presenting certificates to the course participants.

(Foto: M.A. Guerra)

Conference participants also received an update from representatives of Caribbean Coastal Marine Productivity (CARICOMP) on the progress in standardizing monitoring programs in the Caribbean. The group, coordinated by the Florida Institute of Oceanography, is currently helping some laboratories establish database management and standardized research procedure programs. About half of the AMLC membership has agreed to adhere to the programs outlined by CARICOMP, Christy said.

In furthering research on coral reefs, STRI researcher Héctor Guzmán and University of Costa Rica scientist Jorge Cortéz solicited support for coral reefs by announcing the establishment of a new organization, the Latin American Society for Coral Reefs. The organization will support coral reef research, restoration and management programs in Latin American countries, Christy said.

After three days of lectures, the participants were treated to field trips and tours of Panama that included snorkeling, diving and walks through tropical forests and mangroves. Christy said he was pleased with the strong showing of STRI scientists at the seminar and credited the success of conference logistics to well-coordinated collaboration among STRI departments. We appreciated the high participation of STRI people," he said. "People felt that they were actually being hosted."

STRI NEW BOOKLIST

The Biophysical environment of Singapore / [edited by] Chia Lin Sien, Ausafur Rahman & Dorothy Tay B.H.
QH193.S55B61 1991 STRI.

Carbon isotope techniques / edited by David C. Coleman, Brian Fry.
QH324.3.C37 1991X STRI.

The Development and integration of behaviour: essays in honour of Robert Hinde / edited by Patrick Bateson.
QP363.5.D46 1991X STRI.

Die Dohle: *Corvus monedula* / von Rolf Dwenger.
QL696.P2367D98 1989 STRI.

Ecology and conservation of neotropical migrant landbirds / edited by John M. Hagan and David W. Johnston.
QL685.7.E36 1992X STRI.

The Fish resources of the northwest Pacific / by S. Chikuni.
SH214.5.C53 1985 STRI.

Informe final: conclusiones y recomendaciones, conferencias: noveno Congreso Latinoamericano de Zoología, 9-15 octubre 1983, Arequipa, Perú / Pedro G. Aguilar F., editor.
QL1.C749 1983 STRI.

The Interpretation of prehistory: essays from the pages of the Quarterly Review of Archaeology.
GN705.P65 1989 STRI.

Mangroves of the wider Caribbean: toward sustainable management / by Richard Bossi and Gilberto Cintrón.
QH541.5.M27B74 1990 STRI.

Nature conservation in Uganda's tropical forest reserves / by Peter C. Howard.
QH77.U33H85 1991 STRI.

Proceedings of the expert consultation to examine changes in abundance and species composition of neritic fish resources San Jose, Costa Rica, 18-29 April 1983: a preparatory meeting for the FAO World Conference on Fisheries Management and Development = Actas de la consulta de expertos para examinar los cambios en la abundancia y composición por especies de recursos de peces neríticos San José, Costa Rica, 18-29 Abril 1983; una reunión preparatoria para la Conferencia Mundial de la FAO sobre Ordenación y Desarrollo Pesqueros / edited by G.D. Sharp and J. Csirke.
SH328.P96 1983 STRI.

Rainforest destruction: causes, effects & false solutions.
SD418.3.T76R615 1990 STRI.

Scientific diving: a general code of practice / edited by N.C. Flemming and M.D. Max.
GC65.S324 1990X STRI.

Signals in plant development: proceedings of Colloquia 32 and 33 of the 14th Biochemical Congress held in Prague, Czechoslovakia, 10-15 July, 1988 / edited by Jan Krekule and Frideta Seidov.
QK665.I61 1988 STRI.

Sensitivae censitae: a description of the genus *Mimosa* Linnaeus (Mimosaceae) in the New World / Rupert C. Barneby.
QK495.M545B25 1991 STRI.

Synchronized calling in *Centrolenella granulosa* and *Smilisca sila* (Amphibia, Anura) / Roberto Ibañez.
QL668.E24T12 1991 STRI.

Tables of functions with formulae and curves <Funktionentafeln mit Formeln und Kurven> by Dr. Eugene Jahnke... and Fritz Emde...
QA47.J3 1945 STRI.

The Tree habit in land plants: a functional comparison of trunk construction with a brief introduction into the biomechanics of trees / Volker Mosbrugger.
QK646.7.M67 1990X STRI.

Trees: the mechanical design / C. Mattheck.
QK793.M38 1991X STRI.

Tropical deforestation and species extinction / edited by T.C. Whitmore and J.A. Sayer.
QH78.T76 1992X STRI.

A World of ferns / Josephine M. Camus, A. Clive Jermy, Barry A. Thomas.
QK522.C211 1991 STRI.

Zapovedniki Dal'nego Vostoka / redkollegiia toma V.D. Golonvanov... V.E. Sokolov redaktor-sostavitel', E.E. Syroechkovskii redaktor-sostavitel'... [et al.].
Ref QH77.S626Z354 1985X STRI.

New Journal

Evolución biológica: revista internacional de la Asociación Iberoamericana de Biología Evolutiva, ASIBE, v.5, 1991.