

STRI newsletter

September 21, 1990

SMITHSONIAN TROPICAL RESEARCH INSTITUTE - Apartado 2072, Balboa, Panama

No.38

SEMINARS

Tupper Center Auditorium

No noon seminar scheduled for Tuesday, September 25.

Next Week

Tuesday, October 2, Noon Seminar speaker will be Marco Díaz, Grupo Conservacionista de Pedasí:

Isla Iguana, Dramático ejemplo del acelerado deterioro del medio ambiente.

PEOPLE

Arrivals

- Geoffrey Parker, Sep 22-29, from Smithsonian Environmental Research Center, to visit STRI facilities and see the operation of the crane installed at the Parque Natural Metropolitano.
- Delia Newlin, Personnel Specialist from the the Office of Personnel Administration OPERSA, Sep 24-28, to conduct desk audits.
- Marcia Adams, Automated Systems and Sheila Riley, Cataloguing Records of Smithsonian Institution Libreres, Sep 24-29, to consult with the Library staff and visit BCI.
- Ryk Ward, University of Utah, returns to finalize plans for a long-term project in the mt DNA lineages of Chibchaphone Amerinds.

Departures

- Sep 23-28, Brian Keller, Norman Duke, John Cubit, Héctor Guzmán, to Tampa, Florida, to attend meeting of the Mineral Management Services: Lessons Learned from Major Oil Spills.
- Sep 25-Oct 16, Alan Smith, to attend meetings of the Long Term Ecological Network, sponsored by the National Science Foundation, NSF, in East Park, and for official business at the Smithsonian Institution.



La Comisión de Austeridad Fiscal celebró reuniones en Tívoli/Centro Tupper, Naos y BCI recabando sugerencias para disminuir los gastos de operación de STRI. Estas, y futuras sugerencias se evaluarán durante la semana del 24-28 de septiembre, y posteriormente se dará a conocer un plan de acción a seguir. En la foto se aprecia a Leopoldo León mientras dirigía la reunión entre miembros del Comité y personal de STRI el martes 18 de septiembre en el Centro Tupper.

(Foto: M.A. Guerra)

AIPEP Agradece

La Asociación para la Investigación y Propagación de Especies Panameñas agradece a todos los miembros del personal de STRI que ofrecieron su interés y colaboración durante su estadía en el Centro Tupper las últimas semanas, llevando a cabo proyectos relacionados con el Parque Natural Metropolitano.

UPCOMING EVENTS

Audubon Nature Fair/Feria de la Naturaleza Audubon

Saturday, September 22, 9 am to 4 pm in the Panama Canal Commission's Gamboa Community • *Sábado, septiembre 22, 9 am a 4 pm, en la comunidad de Gamboa de la Comisión del Canal de Panamá.*

"Por Amor al Casco Viejo"

El 27 de septiembre a las 7:00 de la noche se llevará a cabo en el Gran Salón del Hotel Marriot la subasta "Por Amor al Casco Viejo" con el fin de recolectar fondos para restaurar el Casco Viejo. La entrada es de \$5.00.

Lo que estamos haciendo

Como parte del programa *Lo que estamos haciendo*, se invita a los empleados a conocer el proyecto de STRI *Conociendo el Dosel del Bosque* en el Parque Natural Metropolitano bajo la dirección de Alan Smith, el viernes 28 de septiembre a las 3:00 pm. Los interesados en este recorrido deben ponerse en contacto con Marissa Crespo, en la Oficina de Educación, Centro Tupper, antes del miércoles 26 de septiembre.

THINGS YOU SHOULD KNOW

STRI Bills

We would like to remind all STRI staff, fellows and visitors, that it is very important to pay STRI bills promptly, specially at this time, when we are facing probable cuts in funding and budgetary restrictions.

In order to facilitate the preparation of final bills, we ask all visitors to complete 5 days prior to departure, an ADVANCE NOTICE OF DEPARTURE form. These are available from the facilities secretaries. Cooperation with this procedure will be greatly appreciated.

Reimbursements

All requests for reimbursement for Petty Cash must be submitted to the Sub-Cashiers by Monday, September 24. The Sub-cashiers must present their request for reimbursement to the Central Cashier by Wednesday September 26. Essential petty cash transactions for the period September 27 to September 30 can be processed through the Central Cashier in Tivoli.

New BCI Boat Schedule/*Nuevo Horario de Lanchas a Barro Colorado*

Monday thru Friday/*Lunes a Viernes*

Leaving BCI	Arriving Gamboa	Leaving Gamboa	Arriving BCI
6:30 am	7:00 am	7:25 am	8:00 am
3:55 pm	4:30 pm	5:35 pm	6:05 pm

Saturday/*Sábados "Las Cruces"*

7:30 am	8:30 am	8:55 am	9:55 am
3:00 pm	4:00 pm	4:20 pm	5:20 pm

Sundays and Holidays "*Las Cruces*"/*Domingos y días feriados*

7:30 a.m.	8:30 a.m.	8:50 a.m.	9:50 a.m.
2:30 p.m.	3:30 p.m. (2 hrs)	5:30 p.m.	6:30 p.m.

Revista Anales del Inveemar • Solicitud de Artículos

La revista *Anales del Instituto de Investigaciones Marinas de Punta de Betín* se edita en un volumen anual y considera, para su publicación, los trabajos inéditos (en español o inglés) sobre cualquier tópico de investigación en el mar o en estuarios, realizados en áreas tropicales y subtropicales. Se avisa a los interesados que ya se están recibiendo contribuciones para el Vol. 21 que se publicará en 1991. Para la preparación de manuscritos se solicita que sean revisadas atentamente las "Instrucciones a los Autores" aparecidas en el Vol. 18 o en el Vol. 19/20 que saldrá próximamente. Para mayor información, y para someter trabajos a consideración, diríjase a: Jaime Garzón-Ferreira, Editor, *Anales del INVEEMAR*, Apartado Aéreo 1016, Santa Marta, Colombia. Teléfonos: 35410 ó 30530 en Santa Marta.

ANNOUNCEMENTS

Tropical Biology: An Ecological Approach #91-1 The Organization for Tropical Studies

The Organization for Tropical Studies is offering its twenty-eighth consecutive year of graduate programs in tropical science. The course will be conducted in Costa Rica where OTS maintains fieldstations in a lowland forest (La Selva), a deciduous dry forest (Palo Verde), and a wet mid-montane environment (Las Cruces), and has access to a diversity of other sites. The course is offered in cooperation with the Universidad de Costa Rica which grants graduate credit for the program.

Applications: Organization for Tropical Studies, P.O.Box DM, Duke Station, Durham NC 27706 Tel:(919)684-5774.

Dates:

Application files closing date: October 1, 1991.

Announcement of selections: November 15, 1991.

Eligibility: Applicants must be enrolled in, or accepted for a graduate college program. Selection of participants is highly competitive; enrollment is limited to approximately 20 students.

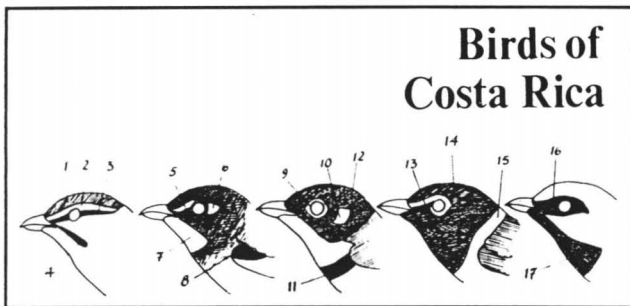
Cost: Application fee: \$10. Course Fee \$1000 for OTS member's students. \$3000 for non-OTS member students. For more information or applications see Tupper Bulletin Board.

Recent Acquisitions at STRI Mini-Bookstore

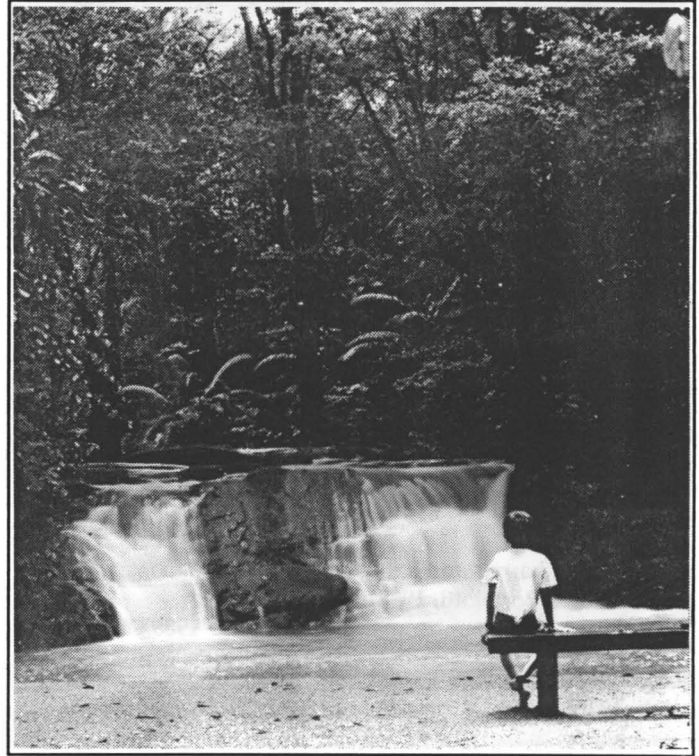
- *Natural History of Social Wasps and Bees in Equatorial Sumatra*, edited by Shoichi F. Sakagami, Ryoh-ichi Ohgushi and David W. Roubik. 1990. Sapporo: Hokkaido University Press.



- *The Ants*, by Bert Holldobler and Edward O. Wilson. 1990. Cambridge: The Belknap Press.
- *Arrecifes del Caribe*, Textos de Henry Von Prahll y Fotografías de Aldo Brando. 1989. Bogotá, Colombia: Villegas Editores.



- *A Guide to the Birds of Costa Rica*, by F. Gary Stiles and Alexander F. Skutch. 1989. Ithaca, NY: Comstock Publishing Associates.
- *Grass Systematics and Evolution*, edited by T.R. Soderstrom, K.W. Hilu, C.S. Campbell and M.E. Barkworth. 1987. London: Smithsonian Institution Press.
- *Neotropical Rainforest Mammals. A Field Guide*. Text by Louise H. Emmons. Illustrations by François Feer. 1986. Chicago, The University of Chicago Press.
- *Animal Extinctions*, edited by R.J. Hoage. 1985. London: Smithsonian Institution Press.
- *Mammals of the Neotropics: Panama, Colombia, Venezuela, Guyana, Suriname, French Guiana*, by John F. Eisenberg. Chicago: The University of Chicago Press.
- *Canal: Desafío para los panameños*, por Charlotte Elton, Juan Jované y Jorge Castillo. 1987. Panamá: CEASPA, Serie Panamá Hoy 3.
- *¿Rivales o aliados? Japón y Estados Unidos en Panamá*, por Charlotte Elton. 1990. Panamá: CEASPA, Serie Panamá Hoy 4.



To mark the 20th Anniversary of the establishment of "Parque Nacional Soberanía" the Nature trail "El Charco" was opened to the public near Summit Gardens.

Para conmemorar el 20avo. aniversario de la creación del Parque Nacional Soberanía, se abrió al público el Camino al Charco cerca de Summit Gardens. (Photo: M.A. Guerra)

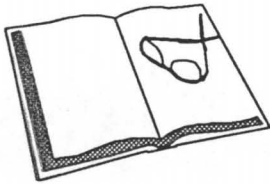
FROM OTHER SOURCES

Malignant mold overwhelms 2 subway stations

The Japan Times 8/30/90

Moscow (Reuter-Kyoto) Malignant mold is running wild through the underground railway in the Soviet city of Tash-kent. It munches through concrete, attacks human beings and is "worse than AIDS," Soviet television reported. Two stations in the central Asian city have been closed and sealed off during a year-long investigation into illnesses reported first by train drivers and then by passengers. Test showed that certain types of noxious mold flourished in the network which lay "on the ancient migratory path of the microorganisms," the television said Tuesday.

STRI LIBRARY NEW BOOK LIST



Algunas sugerencias sobre el mercado de los productos forestales en Panamá (EK Heikkila, 1984)

SD441.H46 1984a STRI.

Análisis de costas de apeo y transporte para abastecer el aserradero y la planta de chapas plantificados en Darién (P. Christiansen, 1984)

SD441.C55 1984a STRI.

Arqueología subacuática, Amatitlán, Guatemala (G. Mata Amado, 1975)

F1465.1.A48M42 1975 STRI.

The Bald eagle: haunts and habits of a wilderness monarch (J. Gerrard & G.R. Bortolotti, 1988)

QL696.F32G47 1988X STRI.

Bibliografía antropológica de Costa Rica (I. Leiva & ME Bozzoli, 1986)

Z1209.2.C8L53 1986 STRI.

Bird blow flies (Procalliphora) in North America (Diptera: Calliphoridae), with notes on the Palearctic species (CW Sabrosky et al., 1989)

QL537.C24S23 1989X STRI.

Blanca flor de mi pueblo: sac kotzij re nu tinimit, ceremonia matrimonial Quezaltenango dramatización (AE. Ulín, 1974)

F1434.2.S63U39 1979 STRI.

Chaetognatha: keys and notes for the identification of the species (AC Pierrot-Bults & KC Chidgey, 1988)

QL391.C6P62 1988 STRI.

Chaotic evolution and strange attractors: the statistical analysis of time series for deterministic nonlinear systems (D. Ruelle, 1989)

QA614.8.R83 1989X STRI.

Columbian consequences vol.2

F799.C66 1989X STRI.

Common property resources: ecology and community-based sustainable development (F. Berkes, ed., 1989)

HD75.6.C647 1989X STRI.

Experimental approaches to mammalian embryonic development (J. Rossant & R.A. Pedersen, eds., 1986)

QL959.E87 1986X STRI.

Genetic variants and strains of the laboratory mouse (MF Lyon & AG Searle, eds., 1989)

QL737.R638G45 1989X STRI.

Growth factors in mammalian development (IY Rosenblum & S. Heyner, eds., 1989)

QP552.G76G76 1989X STRI.

Herbicide handbook of the Weed Science Society of America / Herbicide Handbook Committee, N.E. Humburg, chairman; S.R. Colby ... [et al.]

SB951.4.H43 1989X STRI.

Incentives for tree growing in relation to deforestation and the fuelwood crisis in Central America (La Ugalde Arias & H.M. Gregersen, 1987)

SD409.U26 1987a STRI.

Managing the tropical forest: papers from a workshop held at Gympie, Australia, from 11 July to 12 August 1983 (Tropical Forest Management Workshop (1983: Gympie, Qld.), 1985).

SD247.T76 1983X STRI.

A Manual for writers of term papers, theses, and dissertations (KL Turabian, 1987)

LB2369.T8 1987X STRI.

Molecular approaches to developmental biology: proceedings of the Dupont-Genentech UCLA symposium held at Keystone, Colorado, March 30-April 6, 1986/editors, Richard A. Flirtel, Eric H. Davidson

QH491.M63 1987X STRI.

Nucleo-cytoplasmic transport (R. Peters, ed., 1988)

QH581.2.N96 1988 STRI.

Palms of the South-West Pacific: their origin, distribution and description (J.L. Dowe, 1989)

SB413.P17D74 1989 STRI.

Perspectives on biogeochemistry (E.T. Degens, 1989)

QH343.7.D44 1989X STRI.

Portraits of nature: paintings by Robert Bateman (SG Shetler, 1987)

QND249.B348A4 1987X STRI.

The Rattlesnakes, genera Sistrurus and Crotalus. A study in zoogeography and evolution (HK Gloyd, 1940)

QL666.O6G56X STRI.

Social origins of folk illness among Ngawbere of the northern Valiente Peninsula: the case of chakore and ha ko botika (KV Bletzer, 1988)

F1565.2.G8B64 1988a STRI.

Species plantarum, exhibentes plantas rite cognitatas, ad genera relatas, cum differentiis specificis, nominibus trivialibus, synonymis selectis, locis natalibus, secundum systema sexuale digestas microform. (C. von Linn, 1753)

Mfc 1682 STRI.

Spontaneous alternation behavior (W.N. Dember & C.L. Richman, eds., 1989)

QL785.S74 1989X STRI.

Survival geography of South America

QH541.S9 STRI.

Type localities of birds described from Guatemala (RW Dickerman, 1987)

QL687.G9D54 1987 STRI.

Vertebrate flight: mechanics, physiology, morphology, ecology and evolution (U.M. Norberg, 1990)

QP310.F5N82 1990 STRI.