

STRI newsletter

June 19, 1992

SMITHSONIAN TROPICAL RESEARCH INSTITUTE - Apartado 2072, Balboa, Panamá

No. 25

TUPPER CENTER SEMINARS

Tuesday, June 23, noon seminar speaker will be Harold Mooney, Stanford University.

The IGBP Global Change and Terrestrial Ecosystem Program

Next Week

No noon seminar scheduled for Tue, Jun 30.

PEOPLE

Arrivals

- Ernesto Medina, Instituto Venezolano de Investigaciones Científicas, Jun 22-26, to become familiar with research opportunities at STRI.
- Harold Mooney, Stanford University, Jun 22-27 to give seminar and visit the canopy crane project at Parque Natural Metropolitano.
- Catherine Craig, Yale University, Jun 20-Oct 30, to study the effects of insect learning and memory of spider foraging performance, on BCI.
- Tim Schaffer, Yale University, Jun 20-Oct 30, to work with C. Craig on BCI.
- Ted Schultz, Cornell University, Jun 25-19 Jul, to study the phylogeny of the attine ants at Naos.
- John Nason and Mary Harris, University of Georgia to work with James Hamrick on BCI.
- Daniel and Robert Woolsey, Jun 21-25 Jul, to assist Kenneth Clifton in San Blas and Hervé Cochard and John Tobin on BCI.

Departures

- Jeremy Jackson, staff scientist, Jun 26-9 Aug, to New York on official business at the American Museum of Natural History and then to Chicago to attend the North American Paleontologic Congress. Also to Swansen, Wales, U.K., to attend the 9th International Bryozoology Association Conference.
- Stanley Heckadon, research associate, Jun 19-29 to Bangkok, Thailand, invited by FAO and UNESCO as the resource person for Latin America to participate in the Workshop on Forestry and Culture in Asia.



At the Tupper Center Auditorium, CONAMA (Comisión Nacional de Medio Ambiente) organized an event to commemorate Environmental Day, June 5th. In attendance were representatives of national and international organizations with programs related to the environment

••• CONAMA (Comisión Nacional del Medio Ambiente) organizó un evento para conmemorar el Día del Ambiente, 5 de junio, en el Auditorio del Centro Tupper. Al evento asistieron representantes de organizaciones nacionales e internacionales que llevan a cabo programas relacionados al medio ambiente.

(Foto: M.A. Guerra)

THINGS YOU SHOULD KNOW

From the Photo-Department and Security Office

Del Departamento de Fotografía y la Oficina de Seguridad

STRI will issue new identification cards starting July 1. For everyone's convenience the photographers will visit different facilities to issue the new ID cards as follows:

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|-------------------------|---|
| Barro Colorado Island: | Wed, July 1, 9:30 am through 3:00 pm at the Conference Hall. |
| Naos Marine Laboratory: | Mon, July 6, 9:30 am through 3:00 pm in Oil Spill (Surfside building). |
| Tupper-Tivoli Complex: | Tuesdays and Fridays in July from 9-11 am at Photo Lab., Tupper Center. |
- Important: Please present old ID to obtain new one.

Todos los carnets de identificación de STRI empezarán a cambiar a partir del 1ero. de julio. Para conveniencia de todos, los fotógrafos visitarán las diferentes instalaciones para confeccionar las identificaciones con el horario siguiente:

- | | |
|-------------------------|--|
| Isla de Barro Colorado: | Miércoles 1 de julio de 9:30 am - 3:00 pm en el salón de conferencias. |
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Laboratorio Marino de Naos: Lunes 6 de julio, de 9:30 am a 3 pm, en Oil Spill (Surf-side building).

Complejo Tivoli-Tupper: Martes y viernes de julio de 9-11 am en el Departamento de Fotografía en el Centro Tupper.

Importante: para obtener la nueva identificación deberá presentarse el carnet anterior.

ANNOUNCEMENTS

Behavior Discussion Group

The Behavior Discussion Group will meet again on Tuesday, June 30, 1992 at 5:00 pm in the Tupper Meeting Room. Michael Greenfield is going to talk about *Mechanisms and evolution of chorusing interactions*. For information on 'prior reading' material, please call Ursula Schober at 28-4060 or Stanley Rand at 27-6022.

At Tupper Center

Tue, Jun 23 Behavioral Discussion Group, Large Meeting Room, 4 pm.

Wed, Jun 24 Plan de Acción de Educación Formal, Large Meeting Room, 8 am.
Amigos de la Biblioteca Meeting, Small Meeting Room, 9 am.

Thu, Jun 24 Kuna Economical Commission Meeting, Auditorium, 10 am.

USAID Requests for Proposals

The National Fish and Wildlife Foundation is requesting proposals for research, monitoring, and related training and education projects relevant to the conservation of neotropical migratory birds and their habitats in Latin America and the Caribbean. Funding for these proposals is being provided through a cooperative agreement with the U.S. Agency for International Development (AID). To be considered, projects must be in support of *Partners in Flight - Aves de las Americas*, the Neotropical Migratory Bird Conservation Initiative, a cooperative program involving U.S. federal and state agencies, nongovernmental organizations, universities, and industry. 1992 application deadlines: August 15 and December 15. All applications must be submitted in English. The National Fish and Wildlife Foundation funds single year grants only. Applicants may reapply for a second year funding.

Award size: requests from the National Fish and Wildlife Foundation should be between \$15,000 and \$100,000.

For funding guidelines, selection and ecological

criteria and grant application, please consult the Office of Education, STRI.

The Lincoln Park Zoo Scott Neotropic Fund

—Grants for projects contributing to wildlife conservation in Latin America—

Under the joint sponsorship of the Lincoln Park Zoological Society and the Chicago Park District, the Lincoln Park Zoo Scott Neotropic Fund provides support for conservation projects throughout Latin America. The fund is soliciting proposals for projects to be initiated during late 1992 or early 1993. Preference is given to new projects with (1) links to either the Lincoln Park Zoo animal collection or members of the zoo staff, (2) direct participation by graduate and/or undergraduate students, and (3) support designated for students and/or field assistants from Latin America. Projects should generate information that contributes to the conservation of Latin American wildlife. Awards are seldom greater than \$6,000 and most awards fall into the \$3000-5000 category. The fund does not generally support either salaries or the purchase of permanent equipment. For more information on the fund, application procedures, and the zoo's animal collection, contact: Dr. Steven D. Thompson, Director of Conservation and Science, Lincoln Park Zoological Gardens, 2200 North Cannon Drive, Chicago, IL 60614. Deadline for receipt of proposals is: 1 August 1992.

POSITIONS AVAILABLE AT STRI

■ Temporary Appointment: Accounting-Procurement

For 5 months to work in the Accounting and Procurement departments 50%, 50%. Bilingual essential. Annual salary: \$14,082.

■ Contract Employee

For 5 months to work in the accounting department full time. Bilingual essential. Salary: \$850. monthly.

Deadline to send CV to Personnel Office: Wed, 24 June.

COURSE • CONFERENCE

Interpaks

—The International Program for Agricultural Knowledge Systems offer *Improving Organization and Management: A short course for extension administrators*. August 25, 1992-October 1, 1992—

Building on years of experience in training extension administrators, Interpaks is pleased to offer an updated and expanded short course from August 25 to October 1, 1992. The course will be organized around six modules and will focus on common problems faced by extension administra-

tors. A problem-solving methodology will be used, concentrating on case study materials, the experiences of the participants, and special field trips using analytical techniques to seek solutions to problems. Internationally experienced Interpaks faculty and staff members will lead different modules or problem areas. The primary modules to be covered in the 1992 course follow: analyzing extension systems to improve performance; targeting extension programs to special groups; improving program development, delivery and impact; organizing and managing extension resources; improving your leadership and management skills; using computers to improve extension managements; special enrichment activities; and planned weekend activities. Enrollment for the 1992 course will be limited to 20 participants on a first come, first admission basis. To be accepted in this course, Interpaks must receive your completed application and a check for \$3,450, or financial confirmation from your sponsoring organization by July 15, 1992. Registration form available at the Office of Education, STRI.

Sustainable Development for Our Common Future

—IV International Conference on Desert Development—
Mexico 1993, Venue, México City, Jul 25-30.
Information: Dr. Manuel Anaya Garduño.
Tel (52) 595-45701 • Fax (52) 595-45723 •
Apartado Postal No. 91, 56230 Chapingo,
Edo. de México, Colegio de Posgraduados - CEDAF, Montecillo, Edo. de México
56230-México.

STRI NEW PUBLICATIONS

- Allen, Gerald R. and Robertson, D. Ross. 1991. "Quatre espèces nouvelles d'Opisthognathidae (Jawfishes) du Pacifique oriental tropical." *Revue fr. Aquariol.* 18(2): 47-52
- Cooke, Richard. 1991. "El Período Precolombino." In: *Visión de la Nacionalidad Panameña*: 1-10, Simposio celebrado el 6 de julio de 1991 en el Teatro "La Huaca" (ATLAPA), Panamá.



Students visiting Culebra Biological Reserve are introduced to one of the many coastal habitats of Panama, the sandy beach. Throughout their experience students are exposed to various organisms of the sandy beach and learn about the uniqueness of this habitat. Over 600 students have visited Culebra since May 19, 1992. In addition to a first hand beach "life" hunt, students observe organisms from both oceans in large tanks set up at Culebra. (Foto: M.A. Guerra)

- Guzmán, Héctor M. and López, Juan D. 1991. "Diet of the Corallivorous Pufferfish *Arothron meleagris* (Pisces: Tetraodontidae) at Gorgona Island, Colombia." *Revista de Biología Tropical* 39(2): 203-206.
- Kato, Makoto, Roubik, David W. and Inoue, Tamiji. 1992. "Foraging Behavior and Concentration Preference of Male Euglossine Bees (Apidae: Hymenoptera)." *Tropics* 1(4): 259-264.
- Leigh Jr., Egbert Giles. 1991. "Tree Shape and Leaf Arrangement: a Quantitative Comparison of Montane Forests, with Emphasis on Malaysia and South India." In: *BNHS Centenary Seminar Proceedings*: 119-174.
- Motta, Jorge. 1992. "Centro de Investigaciones y Conferencias Earl Silas Tupper." *Revista Médica de Panamá* Mayo 1992: 150-151.
- Robertson, D. Ross. 1991. "The Role of Adult Biology in the Timing of Spawning of Tropical Reef Fishes." In: *The Ecology of Fishes on Coral Reefs*: 356-386.

Last Minute News...

- BCI Bambis:** Wed, Jun 24, Gerhard Zotz, University of Wurzburg, *Photosynthesis in epiphytes.*
Thu, Jul 2, Matt Gompper, University of Tennessee, *The genetics of coat bands.*
- Off-islanders should contact Daniel Millán on BCI to reserve space on the late boat •

STRI NEW BOOKLIST

Adaptive coloration in invertebrates: proceedings of a symposium sponsored by the American Society of Zoologists; Mary Wicksten, compiler.

QL363.A33 1990X STRI.

Archaeological research in the El Cajon region / edited by Kenneth Hirth, Gloria Lara Pinto, George Hasemann = Investigaciones arqueológicas en la región de El Cajón / editado por Kenneth Hirth, Gloria Lara Pinto, George Hasemann.

F1505.1.C35A73 1989X STRI.

Atlas florae Europaeae; distribution of vascular plants in Europe, v.9: Paeoniaceae to Capparaceae.

Ref QK281.A85X STRI.

Bees of the world / Christopher O'Toole & Anthony Raw.

QL563.O88 1991 STRI.

Biomedical and surgical aspects of captive reptile husbandry / Frederic L. Frye.

SF997.5.R4F79 1991X STRI.

El Camino de los indios muertos: mitos y símbolos guajiros / Michel Perrin.

F2270.2.G6P4713 1990 STRI.

Darién: etnoecología de una región histórica.

Ref F1565.1.D26T66 STRI.

Descriptions of thirty-two new species of birds from the Hawaiian Islands / by Storrs L. Olson and Helen F. James.

QL694.H3O52 1991 STRI.

DNA systematics / editor S.K. Dutta.

QP624.D19 1986X STRI.

Effects of resource distribution on animal-plant interactions / edited by Mark D. Hunter, Takayuki Ohgushi, Peter W. Price.

QH549.5.E34 1992X STRI.

Essays on science: felicitation volume in honour of Dr. Joseph Needham / editor, Hakim Mohammed Said.

Q126.8.E78 1990X STRI.

The Evolution of reproductive strategies: proceedings of a Royal Society Discussion Meeting held on 17 and 18 October 1990 / organized and edited by P.H. Harvey, L. Partridge and T.R.E. Southwood.

QH381.E93 1991 STRI.

Excavaciones en el área urbana de Copán / William T. Sanders, director.

F1435.1.C7E95 1986X STRI.

Forest products from Latin America: an almanac of the state of the knowledge and the state of the art / edited by Robert R. Maeglin.

HD9769.A2L29 1991 STRI.

Global catastrophes in earth history: an interdisciplinary conference on impacts, volcanism, and mass mortality / edited by Virgil L. Sharpton, Peter D. Ward.

QE721.2.E97G56 1990X STRI.

Guide to photographic collections at the Smithsonian Institution / Diane Vogt O'Connor, editor.

Q11.S79 1989X STRI.

A Naturalist in New Guinea / Bruce M. Beehler; illustrations by John Anderton; photographs by the author.

QL691.N48B45 1991X STRI.

Paraquat hazards to fish, wildlife, and invertebrates: a synoptic review / by Ronald Eisler.

QH545.P4E36 1990 STRI.

Proceedings of the XVIII International Congress of Entomology, Vancouver, B.C., Canada, July 3rd to 9th 1988: abstracts and author index.

QL461.I613p 1988 STRI.

Rainforests: a guide to research and tourist facilities at selected tropical forest sites in Central and South America / by James L. Castner; with a forward by Peter H. Raven.

QH541.5.R27C35 1990 STRI.

Riqueza forestal dominicana ... / Jos Schiffino.

SD444.D6S42X STRI.

Systematics and biogeography of North Pacific Shags, with a description of a new species / Douglas Siegel-Causey.

QL696.P4745S57 1991 STRI.

Winter distribution patterns and survival rates of winter-banded mallards / by James D. Nichols, James E. Hines.

SK333.D8N619 1987 STRI.

World meeting on stock assessment of bluefin tunas: strengths and weaknesses / edited by Richard B. Deriso and William H. Bayliff.

SH351.T8D43 1991 STRI.

Advances in the Study of Behavior, v.21, 1992 / edited by P.J.B. Slater et al.

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• Page-a-Day Calendar •

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