

# STRI newsletter

January 3, 1992

SMITHSONIAN TROPICAL RESEARCH INSTITUTE - Apartado 2072, Balboa, Panama

No. 1

## TUPPER CENTER SEMINARS

No noon seminar scheduled for January 7 and January 14.

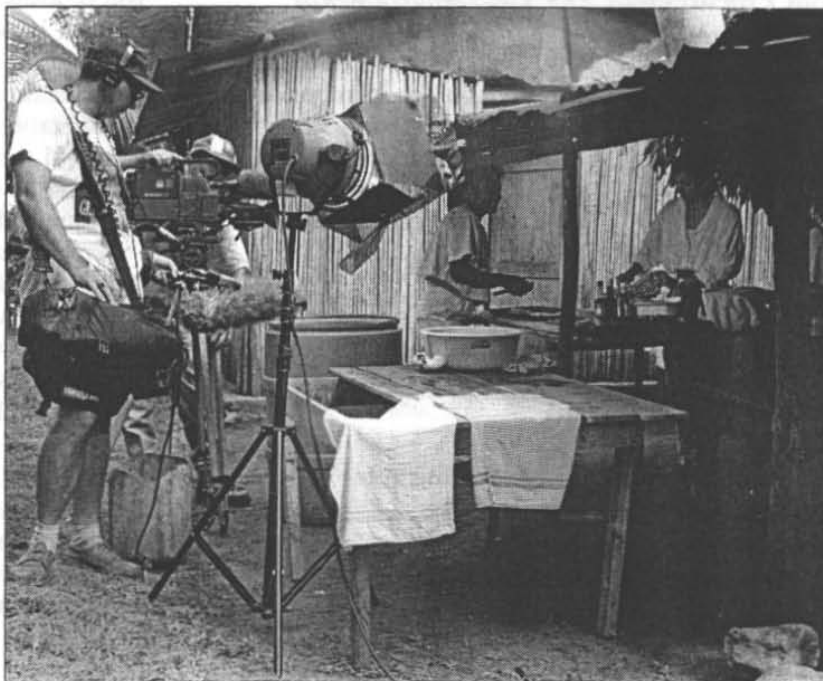
## PEOPLE

### Arrivals

- Andrew Pullin, Keele University, United Kingdom, Jan 4-8 to visit STRI facilities and consult with colleagues.
- George Steinnitz, GEO Magazine, Jan 5-10, to take photographs to illustrate scientific article about STRI.
- Eldridge Adams, University of Rochester, Jan 6-14, to make collection of arboreal termites for genetic surveys at Galeta.
- Gene Schupp, University of Georgia Jan 6-29, to conduct studies of *Faramea occidentalis* on BCI.
- Art Wolfe and Drew Tate, National Geographic Magazine, Jan 7-14, to take photographs for article on the primates of the world.
- Dave Ellsworth, Mellon Fellow, Jan 8-March 12 to do research in the evolution and structure of terrestrial ecosystems with Melvin Tyree on BCI.
- Geoffrey Parker from SERC at SI, Jan 8-15, to continue studies in collaboration with Alan Smith.
- Deedra McClearn, Cornell University, with assistants Larry Carbone, Jennis Kohler and Keven McGowan, Jan 9-31, to study the locomotion and feeding behavior of BCI mammals.
- Karen Reiss, Cornell University, Jan 10-Apr 10 to investigate the functional morphology of *Tamandua mexicana* on BCI.

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Crew from the television program "Beyond 2000" recently visited Panama to film the Paca Project and interview Nick Smythe. At Llano Verde, Vanessa Gorman (right), part of the crew, explains on camera how rural communities can benefit from the Paca Project ••• Un grupo del programa de televisión "Una Ventana Hacia el Futuro" vino recientemente a Panamá a filmar el Proyecto de las Pacas y a entrevistar a Nick Smythe. En Llano Verde, Vanessa Gorman (derecha) explica ante las cámaras cómo las comunidades rurales podrán beneficiarse de este proyecto.

(Foto: M.A. Guerra)

### Departures

- Biff Bermingham, STRI scientist, Jan 5-17 to Washington D.C. to attend the review of the Molecular Systematic Program and then to Ithaca, NY, to write a scientific paper.

## THINGS YOU SHOULD KNOW

### Laboratory Safety and Health Course

On Jan 21 through 24, the OSHA National Training Institute will be conducting a laboratory safety and health course for STRI employees at the Tupper Center Exhibit Hall. This three-day course is highly recommended for scientific staff and laboratory personnel. The administration requests that supervisors support this training effort by encouraging as many employees as possible to attend. Classes are limited to 35 persons. For additional information, please call the Office of Human Resources.

**From Procurement ••• Del Departamento de Compras**

The Balboa Post Office has requested our cooperation in addressing correspondence sent to our Box 2072 address. Envelopes should have the name Smithsonian Tropical Research Institute as follows:

(Your name)  
Smithsonian Tropical Research Institute  
Apartado 2072  
Balboa, Ancón, Panamá

or

Smithsonian Tropical Research Institute  
Attn: (Your name)  
P.O. Box 2072  
Balboa, Ancón, Panamá

Please inform your correspondents.

**Reminder from Office of External Affairs**

For all visiting scientists and fellows with multiple entry and exit permit from the Ministry of Foreign Relations stamped in passport, please check with Celideth De León in Tivoli, at least 15 days before departure. For those with tourist card extensions, please check with Celideth at least 5 days before departure. Your cooperation will be greatly appreciated.

**UPCOMING EVENTS**

JANUARY						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Thursday, Jan 9, *Día de los Mártires* in Panama. Banks and government offices will be closed.

Tuesday, Jan 14, 9:30 am, Scientific Staff Meeting at Tupper Center Meeting Room.

Monday, Jan 20, Martin Luther King Jr. Day is a STRI Holiday.  
Tuesday 20-24, 8am-5pm, Laboratory Safety and Health Course at Tupper Center Exhibit Hall.

**ANNOUNCEMENTS****A New Quarterly Journal**

*Fisheries Oceanography* is a new quarterly journal from the Three Cambridge Center in Massachusetts. Its first issue

will be available in March 1992. *Fisheries Oceanography* will publish papers on studies of commercial fish species, research on all higher trophic levels, exploited species, other nekton, benthic organisms and plankton. Papers on operational fisheries oceanography of those using near-real time data in connection with fish harvesting will also be considered. Research papers, reviews, short communications and book reviews will all be a part of *Fisheries Oceanography*. Dr. Timothy R. Parsons is the Editor in Chief, Dr. Takashige Sugimoto is the Associate Editor for Asia and Dr. John Gamble for Europe and Africa. Subscription prices, individuals: US, \$80. Address: Blackwell Scientific Publications, Three Cambridge Center, Cambridge, MA 02142. Fax (617)225-0412.

**At STRI Mini Bookstore**

*Colors in the Wild* is a new book by National Wildlife Federation selling for \$22.15 in our Mini-Bookstore at the Tupper Center. Also *for sale* are the collection of eight color postcards of STRI facilities for 50¢. Some calendars for 1992 and engagement books are also still available.

**POSITION AVAILABLE**

The Department of Zoology of the University of Vermont seeks applications for a position in evolutionary ecology, at the Assistant Professor level. Qualifications: Ph.D. with research in an appropriate field. Ability and enthusiasm to organize and teach courses in fields of ecology, evolution and animal behavior. Ability to develop an extramurally funded independent research program in some area of evolutionary ecology. Appropriate speciality areas include, but are not limited to, plant-animal interactions, biodiversity issues, freshwater ecology, population ecology of plants or animals, behavioral ecology, and tropical ecology. For more information please contact the Office of Education, Tupper Center.

**CONGRESS****VIII Scientific National Congress**

The VIII National Scientific Congress will be held at the University of Panama from February 19-21. This is an opportunity to present results of research conducted in Panama at a local forum. STRI researchers are encouraged to participate. The talks will be 15 minutes long and the deadline for submitting abstracts is January 13. For further information, please contact the Office of Education.

## 1991 Behind the Scenes Volunteer Program

Melvin Aguirre  
Iris Arrocha  
Leila Avencilla  
Franklin Bonilla  
Arturo Bouche  
Jean Guillaume Breebaart  
María G. Carles  
Adys Centeno  
Nilce Cerezo  
Yira Estribí

Gabriela Etchelecu  
Guido Grisolia  
Orlando Hernández  
Jaffa Herrera  
Corina Hinkle  
Adriana de León  
Carlo Leone  
Donald March  
Yolanda Mills  
Marc Mills

Rolando Pardo  
Sixto Prado  
Lourdes Preciado  
Luz Y. Sánchez  
Jorge Silva  
Gretchen Sotomayor  
Dinorah de Verbel  
Ana Villarreal  
Nyasha Warren  
Clarita Wright

The Smithsonian's *Behind the Scenes Volunteer Program* enables interested individuals to play an active role in the "increase and diffusion of knowledge" by contributing to work in progress at the Institution. At STRI, volunteers work in the library, as exhibit docents, and provide valuable assistance to research projects and administrative offices. A minimum commitment of 6 hours per week is required for most projects. The Education Office receives applications from candidates interested in volunteering and also receives requests from staff and visitors needing volunteers to work on specific projects. Volunteers' hours are maintained by a central source at SI.

Applications have been received from high school and university students interested in providing volunteer assistance to research projects for January-March 1992 and June-August 1992. Researchers with possible projects are asked to contact the Office of Education.

Volunteers are needed to assist with clerical work at various STRI offices. Interested candidates should complete application form available at the Education Office or with the Tupper Center receptionist.

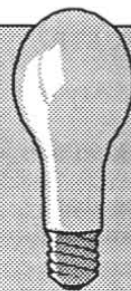
El *Programa de Voluntarios Tras Bastidores* del Smithsonian permite a los interesados llevar a cabo una misión importante en el "aumento y difusión del conocimiento", al contribuir con el trabajo que se está llevando a cabo en la institución. En el STRI, los voluntarios trabajan en la biblioteca, como guías en exhibiciones, y suministran una ayuda de gran valor a proyectos de investigación y a oficinas administrativas. Un compromiso mínimo de 6 horas por semana es un requisito para la mayoría de los proyectos. La Oficina de Educación recibe aplicaciones de candidatos interesados en trabajo voluntario, así como de parte del personal y los investigadores visitantes que necesitan de los voluntarios para proyectos específicos. Un control de las horas que trabajan los voluntarios se mantiene en una oficina central en el Smithsonian.

Se han recibido aplicaciones de estudiantes a nivel de escuela secundaria y universitarios interesados en trabajo voluntario en proyectos de investigación para enero-marzo del '92, y de junio-agosto del '92. Investigadores que tengan proyectos que requieran voluntarios deben ponerse en contacto con la Oficina de Educación.

Se necesitan voluntarios para asistir con trabajos de oficina en varios departamentos del STRI. Los interesados deberán completar una aplicación disponible en la Oficina de Educación o en la recepción del Centro Tupper.

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

**PAPER PROFITS** • If you can double-side your photocopies, type your reports on both sides of the page and salvage the backs of used sheets for scratch paper, you can cut your office paper consumption drastically. Verbal communication leaves paper out of the loop altogether.



### For Suggestions

This year there will be suggestions boxes in each facility. Suggestions are welcome all year long for evaluation every three months by the Committee.

## STRI NEW BOOKSLIST

Bioenergetics: molecular biology, biochemistry, and pathology / edited by Chong H. Kim and Takayuki Ozawa. QP176.B46 1986X STRI.

Biologically active natural products / edited by K. Hostettmann and P.J. Lea. QD415.B615 1987 STRI.

Body size in mammalian paleobiology: estimation and biological implications / edited by John Damuth, Bruce J. MacFadden. QL739.B63 1990X STRI.

CRC handbook of mammalian metabolism of plant compounds / Ronald R. Scheline. QP529.5.S34 1991X STRI.

Cell to cell signals in plants and animals: progress report / edited by Volker Neuhoﬀ and John Friend. QH604.2.C4446 1991X STRI.

The Comparative method in evolutionary biology / Paul H. Harvey and Mark D. Pagel. QH366.2.H385 1991X STRI.

A Concordance to Charles Darwin's notebooks, 1836-1844 / edited by Donald J. Winshank... [et al.] QH365.Z9W45 1990X STRI.

Dictionary on concepts in physical anthropology / Joan C. Stevenson. GN50.3.S74 1991X STRI.

Directing ecological succession / James O. Luken. QK910.L85 1990X STRI.

Dung beetle ecology / edited by Ilkka Hanski and Yves Cambefort. QL596.S3D86 1991X STRI.

Ecological learning theory / Graham Davey. QL785.D32 1989X STRI.

Environment and the poor: development strategies for a common agenda / H. Jeffrey Leonard and contributors, Montague Yudelman... [et al.]. HC59.72.E5L46 1989X STRI.

Evolutionary genetics and environmental stress / Ary A. Hoffmann and Peter A. Parsons. QH456.H64 1991X STRI.

Fish evolution and systematics: evidence from spermatozoa: with a survey of lophophorate, echinoderm, and protochordate sperm and an account of gamete cryopreservation / Barrie G.M. Jamieson with contributions by L.K.-P. Leung. QL618.J36 1991X STRI.

Global climate and ecosystem change / edited by Gordon J. MacDonald and Luigi Sertorio. QC981.8.C5N36 1989X STRI.

Honey bee pathology / L. Bailey and B.V. Ball. SF538.B15 1991 STRI.

Hypertext and hypermedia / Jakob Nielsen. QA76.76.H94N54 1990X STRI.

The Indians of Central and South America: an ethnohistorical dictionary / James S. Olson. F1434.O45 1991X STRI.

Insect neurochemistry and neurophysiology, 1989 / edited by A.B. Borkovec and E.P. Masler. QL495.I4964 1990X STRI.

Management of coastal lagoon fisheries and aquaculture in Italy / by G.D. Ardizzone, S. Cataudella, R. Rossi. SH277.A73 1988X STRI.

Modern phytochemical methods / edited by Nikolaus H. Fischer, Murray B. Isman, and Helen A. Stafford. QK861.P57m 1990 STRI.

Photon-vegetation interactions: applications in optical remote sensing and plant ecology / R.B. Myneni, J. Ross, eds. QK757.P46 1991X STRI.

Plant demography in vegetation succession / Krystyna Falinska. QK910.F34 1991X STRI.

Plants under stress: biochemistry, physiology, and ecology and their application to plant improvement / edited by Hamlyn G. Jones, T.J. Flowers, M.B. Jones. SB112.5.P54 1989X STRI.

The Role of ground beetles in ecological and environmental studies / edited by Nigel E. Stork. QL596.C2R74 1990 STRI.

The South American handbook. Ref F1401.S71X STRI.

Spores of the Pteridophyta: surface, wall structure, and diversity based on electron microscope studies / Alice F. Tryon, Bernard Lugardon. QK521.T76 1991X STRI.

Tropical Rainforest: a world survey of our most valuable and endangered habitat with a blue print for its survival / Arnold Newman; foreword by Mildred E. Mathias. QH541.5.R27N49 1990X STRI.

William Nylander's collected lichenological papers, edited and prefaced by Teuvo Ahti. QK583.N99 v.1-5 STRI.