

STRI newsletter

February 21, 1992

SMITHSONIAN TROPICAL RESEARCH INSTITUTE - Apartado 2072, Balboa, Panama

No. 8

TUPPER CENTER SEMINARS

Tuesday, Feb 25, noon seminar speaker will be Ernst Mayr, Harvard University.

Reply to questions posed by the audience in an informal setting.

Next Week

Tuesday, Mar 3, no noon seminar scheduled.

PEOPLE

Arrivals

- Mary Jane West-Eberhard, STRI scientist, Feb 21-28, to attend the SI Fellowship Review Meeting.
- SI Safety Office Group, including Walter Bailey, Bronson Brown, Warren Gillette, Diana Furey, Michael Kilby, David Peters to inspect STRI sites from Feb 24-Mar 6.
- Arriving on Feb 26-31 to visit STRI facilities are the following members of the National Zoological Park Council: Dr. and Mrs. David Challinor, Michael Robinson, Mr. and Mrs. Laslo von Hoffmann, Mr. and Mrs. John Meeker, General and Mrs. Ramon Mason, George Didden, Marna Disbrow, Peter Andrews, Julie Andrews, and Banie Frazier.
- Arriving from OTS course in Costa Rica, Feb 28-Mar 3, for a post-course visit to BCI are David Ospina, Augusto Pepizo, Liliana Rorero, Silvia Philippe, Patricia Delgado and Hector Grace.
- Guillermo Golstein, Mellon Fellow, Univ. of Hawaii, Feb 28-Apr 5, to continue work on stable isotopes and hydrilla relations on trees in BCI.

Departure

- Leonor Motta, STRI executive officer, Feb 23-Mar 3, on official business to Washington, D.C.

Congratulations

To Eldredge Bermingham and his wife Chimène, on the birth of their daughter Sara last Tuesday Feb 11. Sara weighed 7 lbs. 7 ozs. Our best to the happy parents!



Homer A. Neal, Smithsonian regent, and wife Dana Neal (foreground) and Elena Lombardo and Secretary Adams (background) were present at the reception in honor of the Smithsonian regents on February 20 at the Tupper Center Hall to which high Panamanian officials and the diplomatic corps were also invited ••• Homer A. Neal, miembro del directorio del Smithsonian, y su esposa Dana Neal (primer plano) y Elena Lombardo y el Secretario Adams (segundo plano) asistieron a la recepción en honor de los miembros del directorio del Smithsonian realizada el 20 de febrero en el Centro Tupper, donde también asistieron altas personalidades panameñas y miembros del cuerpo diplomático en Panamá.

(Foto: M.A. Guerra)

THINGS YOU SHOULD KNOW

Fellowship Meeting Reminder

Staff scientists are reminded that the Smithsonian Fellowship Review Meeting will be held on Thursday, Feb 27, at 9:30 am in the Large Meeting Room.

Deadline for Scholarly Studies

The Scholarly Studies Program funds research projects that make a significant contribution to the field and further the scholarly interests of the Smithsonian Institution. The application materials should be forwarded to the bureau director for comments, then to the Office of Fellowships and Grants. Deadline at the STRI Director's Office is **March 16.**

Change of Schedule

The February Behavioral Discussion Group meeting has been postponed until Tuesday, March 10.

From the Visitor Services Office • • • De la Oficina de Visitantes

Scientific collection and research carried out in the Republic of Panama, including national parks, with the exception of the Barro Colorado Nature Monument (BCNM), requires a permit from INRENARE. An export permit is required to export dead or live specimens collected in the Republic of Panama, the including BCNM. The permits are processed through Maria Morello, Visitor Services Office, Tupper Center.

Las colectas e investigaciones efectuadas en todo el territorio de Panama, con la excepción del Monumento de Barro Colorado, deben tener un permiso de INRENARE. Las exportaciones de especímenes vivos o muertos, colectados en territorio panameño, incluyendo el Monumento de Barro Colorado, necesitan un permiso de exportación. Los permisos se procesan por medio de Maria Morello, Oficina de Visitantes, Centro Tupper.

At Tupper Center

- Tue, Feb 25 Galeta Meeting, 10 am-12, Large Meeting Room.
ESP Meeting, 2-5 pm, Small Meeting Room.
- Wed, Feb 26 Budget Meeting, 8:30-10:30 am, Large Meeting Room.
Amigos de la Biblioteca Meeting, 9-11 am, Small Meeting Room.
- Thu, Feb 27 Fellowship Review Meeting, 9:30 am, Large Meeting Room
Fundación NATURA Meeting, 3-5 pm, Large Meeting Room.
- Fri, Feb 28 Parque Natural Metropolitano *Seminario sobre Incendios Forestales*, 1-6 pm, Auditorium.

Assistant Available

Andrew Salywon is interested in working as an assistant at STRI. He has a B.S. in Ecology and Evolutionary Biology and experience as a curatorial assistant at the Harvard Museum of Comparative Zoology, as field biologist for the Dames and Moore Environmental Consulting Firm and as research and lab assistant at other sites and laboratories.

Mr. Salywon was honored by the Outstanding College Students of America and was on the National Dean's List from 1988-1991. If interested contact the Office of Education or call (602) 296-0085.

ANNOUNCEMENTS

Participantes de STRI en el VIII Congreso Científico Nacional

- Raul Dario Aviles y Melvin Tyree, Estudio preliminar del transporte axial y radial de agua en raíces de *Pseudobombax pseptenatum*.
- Emérita Borace y Donald Windsor, Estudios de la acarofauna de Coleoptera.
- Astrid Caldas, Etapas de vida de *Anaea ryphea* (Lepidoptera, Nymphalidae) y su historia natural en Panamá.
- Marco L. Diaz, Proyectos de conservación en el Refugio de Vida Silvestre Isla Iguana.
- Norman Duke y Zuleika Pinzón, Impacto de un derrame de petróleo sobre los bosques de mangle en Panamá y su recuperación a largo plazo.
- Ovidio Duran, Victor Moreno, David Roubik y Felicita Sousa, Determinación del grado de heterocigosidad genética de las abejas africanizadas (Hymenoptera: Apidae) en la República de Panamá.
- Allen Herre y Adalberto Gómez, Efectos de nemátodos en avispa polinizadoras de *Ficus citrifolia*.
- Kevin Hogan y Alan Smith, Efectos de CO₂ elevado en plantas tropicales.
- Roberto Ibañez, Comunicación vocal y coro sincronizado de la rana arborícola *Smilisca sila*.
- Manuel Guariguata, Daño mecánico, capacidad de rebotar y sobrevivencia de juveniles de cuatro especies arbóreas en el Monumento Natural de Barro Colorado.
- Gilberto Ocaña, Eduardo Esquivel y Arturo Cerezo, El "falso sándalo" *Adenantha pavonina* L, una especie con aparente potencial para la producción de forraje y para la recuperación de suelos altamente degradados.
- David Roubik, Actividades de abejas en el dosel y sotobosque del Parque Metropolitano.
- Nicholas Smythe, ¿Cómo encuentran los agutíes las semillas enterradas?
- Denise Thorin y Francisco Ramón, Distribución de carbono en la hierba *Geophila repens* (Rubiaceae).
- Gerhard Zotz, Patrones anuales de fotosíntesis y transpiración de individuos epífitos y hemiepífitos de *Clusia odorata*.

Agradecimiento por Donación

El personal del Parque Nacional Soberanía agradece la donación de juguetes, ropa o comida que se repartieron a los moradores más necesitados de las comunidades de Frijolito, Aguas Claras, Sta. Rosa, Limón Alfagía (Prov. de Colón), Unión Veraguense, La Fé y el Pedernal

(Corregimiento de Chilibre, Prov. de Panamá). Todos estos poblados limitan con Parque Nacional Soberanía por el este.

Se logró darle juguetes a 350 niños, se repartieron 22 bolsas de comida y además se llevo ropa y zapatos. Con su cooperación pudimos llevarle un momento de alegría a estos niños de comunidades tan necesitadas de ayuda.

AOU Meetings

The American Ornithologists Union announces the availability of funds to support the attendance of Latin American and Caribbean ornithologists at its June 1992 meeting in Ames, Iowa. The grants will cover airfare, and room and board during the meeting. Both students and professionals may apply; the AOU will give preference to individuals without other sources of support. Interested persons should send a curriculum vitae, a 2-3 page summary of their presentation, and a detailed budget indicating anticipated expenses for the trip, to Townsend Peterson, Division of Birds, Field Museum of Natural History, Roosevelt Road at Lake Shore Drive. Chicago, IL 60605-2496. Telephone 312-922-9410, ext. 269; fax: 312-922-2572) before 1 March.

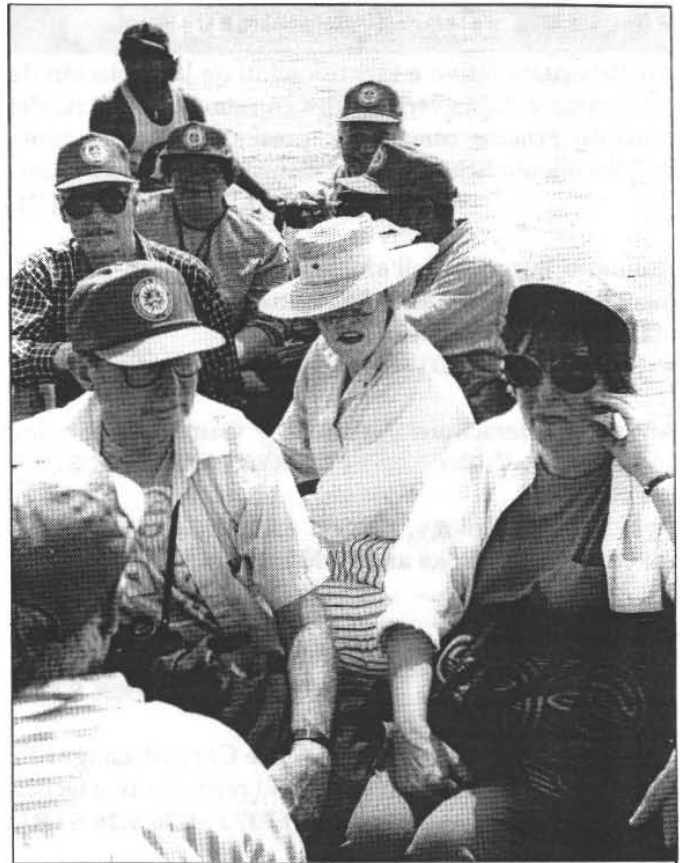
JOB ANNOUNCEMENTS

Editor de Publicaciones Científicas

Organismo ecologista privado, sin fines de lucro, requiere contratar un Editor de Publicaciones Científicas. Se requiere título universitario en comunicación social, publicidad, periodismo, ecología o similar; habilidad para hablar y escribir con dominio del inglés y español; experiencia en el uso de procesadores de palabras, edición de documentos y "desktop publishing;" experiencia en presentación de informes; preferiblemente con estudios sobre la conservación de la naturaleza; estudios de campo y disponibilidad para viajar a zonas remotas del país. Salario basado en la experiencia académica y profesional. Por favor envíe un curriculum vitae detallado a: Editor de publicaciones científicas, Apartado 1613, Panamá 1, Panamá.

TRANSISTHMIAN VISIT

On February 20 Secretary Adams, Smithsonian regents David C. Acheson and Homer A. Neal accompanied by their wives Pat Acheson and Dana Neal, assistant secretary for research Robert Hoffmann and wife Sally



Special visitors to STRI travel by canoe in the San Blas Islands, Caribbean coast of Panama. Seen clockwise are Robert Hoffmann, David C. Acheson, Dana Neal, Robert McC. Adams, Homer A. Neal, Pat Acheson and Sally Hoffmann.

(Photo: John Christy)

Hoffmann and STRI officials flew from Panama City over the Panama Canal; around Barro Colorado Island; over the adjacent Soberania National Park; over STRI's Atlantic Coast marine laboratory at Galeta Island and then on to land at the San Blas Archipelago on an island adjacent to STRI's other Atlantic Coast marine laboratory. After lunch and briefings they had the opportunity to snorkle among the shallow coral reefs near the station. Continuing with their schedule they flew across the isthmus to the Pacific Ocean, overflying our principal marine laboratory at Naos Island at the entrance of the Panama Canal, to land on Contadora Island, Perlas Archipelago. There they had the opportunity to swim in another ocean and to see some of the remarkable breeding sea-bird colonies. This transisthmian one day visit is only possible in the Republic of Panama. During the next two days the group was also able to visit Tupper Center, Naos and BCI facilities.

STRI NEW BOOKLIST

Análisis cuantitativo e identificación de la población de Diatomeas y Algas verdeazules en estanques de cría del camarón *Penaeus vannamei* / presentado por Ludmila Enit Sarmiento Echeverría [y] Gonzalo Tapia Rodriguez.
SH380.62.P3S24 1990a STRI.

Annuario europeo dell'ambiente = European environmental yearbook / DOCTER, Istituto di studi e documentazione per il territorio.
Ref TD171.5.E85A56X 1991 2nd ed. STRI.

Ant-plant interactions / edited by Camilla R. Huxley and David F. Cutler. QL568.F7A55 1991X STRI.

Aphids: their biology, natural enemies, and control / edited by A.K. Minks and P. Harrewijn.
SB945.A5A64 1987X v.B STRI.

Bioactive compounds from plants.
QK898.B54B56 1990X STRI.

Contributions to primatology / The Capped Langur in Bangladesh: behavioral ecology and reproductive tactics (CB Stanford) QL737.P9C76 v.26 STRI.

Climates of Africa; edited by JF Griffiths.
QC991.C63 STRI.

The Diatoms: biology & morphology of the genera / F.E. Round, R.W. Crawford, D.G. Mann.
QK569.D54R68 1990X STRI.

Freshwater and ocean survival of Atlantic salmon and steelhead: a synopsis / by Patrick W. Bley and John R. Moring; performed for Fish and Wildlife Service, U.S. Department of the Interior.
QL638.S2F68 1988X STRI.

The Fungal spore and disease initiation in plants and animals / edited by Garry T. Cole and Harvey C. Hoch.
QR245.F854 1991X STRI.

Informes presentados por los estudiantes del Segundo Curso de Campo en Biología Tropical, 20 de enero al 9 de mayo de 1986 / Universidad de Panamá y Smithsonian Tropical Research Institute; coordinadores Rosemary Segistán de Chávez, Donald Windsor.
QH541.5.T7C97 1986 STRI.

Mesoamerica after the decline of Teotihuacan, A.D. 700-900 / Richard A. Diehl and Janet Catherine Berlo, editors.
F1219.7.M36 1989X STRI.

The Pannonian Basin: a study in basin evolution / edited by Leigh H. Royden and Ferenc Horv th.
QE260.P19 1988 STRI.

The Preservation and valuation of biological resources / edited by Gordon H. Orians ... [et al.].
QH75.P73 1989X STRI.

Principles of geology / Charles Lyell; with a new introduction by Martin J.S. Rudwick.
QE26.L956 1990X v.3 STRI.

Statistical yearbook = Annuaire statistique / Unesco.
Ref AZ361.S797 1991 STRI.

Their number become thinned: native American population dynamics in eastern North America / by Henry F. Dobyns, including an essay with William R. Swagerty as co-author.
E98.P7D6 1983X STRI.

The World at 18 000 BP / edited by Olga Soffer, Clive Gamble.
GN741.W67 1990X STRI.

Back volumes of Journal
The Journal of Heredity, v.76-81, 1985-1990 on
mfm 1273 STRI.

Journal of Molecular Evolution, v.2-29, 1972/3-1989 on
mfc 1742 STRI.

From: 365 Ways to Save our Planet

• *Page-a-Day Calendar* •

The best way to avoid using bug spray is to fix your screens. If bugs do get in and you're feeling especially green, scoop them up and put them outside —after all, they're a legitimate part of the ecosystem, and many of them perform beneficial functions.