TUPPER CENTER SEMINARS

Arrivals

- Pamela Hall, Harvard University, Jun 19-30, to work with Richard Condit at the CTS.
- Carlos Machado, Latin American fellow from the University of California at Irvine, Jun 20-25, to start his project on the molecular evolution of Ficus pollinator wasps and its parasite nematodes, at Naos.
- Eric Linquist, Short-term fellow from the Southern Illinois University, Jun 22-26, to study the acoustic and visual communication in the genus Atelopus, and make observations on the behavior and population status of the endangered Panamanian golden frog, Atelopus zeteki, at Tupper.
- Jovanka Kink and Thomas Hetherington, Ohio State University, Jun 23-14 Jul, to work with Eric Linquist, at Tupper.
- Julie Denslow, new Society president and Nina Skinner, University of Ronda, Jun 23-15 Jul, to study the forest structure along a tropical chronosequence, on BCI.

Departures

- Ira Rubinoff, Jun 17-3 Jul, to England and France, on official business.
- Francisco Rivera, Jun 17-26, to Orlando, FL, to attend a telecommunications conference.
- Leonor Motta, Jun 18-2 Jul, to Washington D.C., on official business at SI and then to Stanford, CA, to attend a course at the Stanford Law School.
- Nancy Knowlton, Jun 18-3 Aug, to Europe, on official business and vacation.

In preparation for the move of 62,000 volumes of books and bound periodicals to the new STRI Library four story annex, Vielka Chang-Yau makes listings for the shelf signage system.

HAPPY FATHER’S DAY TO ALL!

¡FELIZ DIA DEL PADRE A TODOS!
30 Years of Service
Senior Scientist A. Stanley Rand received a three-diamond pin for 30 years of service on Tuesday, June 14. Rand started working as an herpetologist on Barro Colorado Island in 1964. He received his Ph.D. at Harvard University in 1961, and before accepting his position at the (at the time) Canal Zone Biological Area, he was working with Dr. Paolo Vanzolini at the Departamento de Zoologia, in Sao Paulo, Brazil. Since then he has served as Assistant Director for STRI from 1974-1979 with special responsibilities for the operation of Barro Colorado Island and for budget and planning for the Institute. For one year, acted as Administrative Officer, and was coordinator of the Tropical Program of the Environmental Science Program from 1973-1979. Rand was named senior scientist in 1979 and has been the principal investigator in a large number of research projects.

Ira Rubinoff Receives Medal Award
STRI director Ira Rubinoff received the Panama Canal College Annual Medal Award for contributions to higher education and mutual understanding between the U.S. and Panama, on Wednesday, June 15, at the Amador Theater, during the 60th commencement celebration.

THINGS YOU SHOULD KNOW

Behavior Discussion Group
The Behavior Discussion Group will meet on Tuesday, June 21, 5pm at the Tupper Center Large Meeting Room for a practice talk by John Christy (20 min. aprox): Mimicry, Mate Choice and the Sensory Trap Hypothesis. No previous reading necessary.

At the Tupper Center
Tue, Jun 21  Behavior Discussion Group, LMR, 5pm.
Wed, Jun 22  STRI Short-term Fellowships Review Meeting, SMR, 1:30pm.
Fri, Jun 24  Inter-American Institute for Global Change Research (IAG) briefing by Robert Corell, LMR, 11am.
            CPR Course, Conference Hall, 8am.

To All Scientific Staff
Please make note that the Scientific Retreat has been moved to October. Exact dates will be given soon.

At the Culebra Marine Reserve
Tue, Jun 21  Colegio Euro-Americano
Wed, Jun 22  Colegio Euro-Americano
Thu, Jun 23  Instituto Celestín Freinet
Fri, Jun 24  Universidad Santa María La Antigua
Sat, Jun 25  Universidad de Panamá

Mellon Fellowships Nomination Reminder
Nominations for fellowships for “Study of the Structure and Evolution of Terrestrial Ecosystems” are due at the Office of Fellowships and Grants by July 1. This program, run by this office, has provided funding for senior scientists and associated post-docs to work with Smithsonian colleagues on botanical projects. Please contact Lisa Barnett or Roberta Rubinoff for additional information and the guidelines.

From the Human Resources Office
Juanita Tutt, the Director of Health Services, Karen Vesterby, a nurse in the Health Services Department from the Smithsonian Institution, will be visiting STRI from June 27-30, giving workshops related to first aid. The Safety and Dive Officers will be contacting everyone concerned about the attendance to these workshops.

ANNOUNCEMENTS

Safety News ••• Sobre Seguridad
“Gloria” (BCI’s guest crocodile) had babies and is showing signs of aggression to anyone or anything near her territory. We recommend all swimmers at BCI to stay out of the water as a precaution. In the past, “Gloria” has been reported to have followed swimmers during their outings to the floating platform. Let’s avoid unfortunate incidents ••• “Gloria” (cocodrilo invitada de BCI) tuvo crías y está mostrando claras señales de agresividad a todos aquellos que se acercan a “su territorio”. Se recomienda a todos los nadadores de BCI que se abstengan de esta práctica como medida de precaución. Se ha reportado que “Gloria” ha sido vista siguiendo a los nadadores hasta la plataforma flotante... Evitemos sustos o incidentes innecesarios.

STRI Blood Bank ••• Banco de Sangre para STRI
In 1992, STRI established a Blood Bank for all the Institute’s employees and their families. If you want to become a blood donor at STRI, please contact Nereida Hernández
RESEARCH UPDATE

Results from a Monitoring Program of Amphibian Population in Central Panama

by Roberto Ibáñez y A. Stanley Rand

Reports of worldwide amphibian population declines motivated the initiation of a long-term monitoring program in the central region of Panama. This study is being performed in four sites of the lowlands along a transect across the isthmus, where a steep gradient in rainfall exists. An altitudinal dimension to this transect is given by two sites located nearby at moderate elevations. At each of these sites, by-weekly counts of amphibians are carried out along established census routes. The study's objectives that will be addressed here are carried out along established census routes. The study's objectives that will be addressed here are (1): to determine whether declines of amphibian populations have occurred at those sites for which data on their abundances had been collected previously; (2) to document the occurrence of seasonal and annual fluctuations on the amphibian populations; and (3) to establish the generality of such changes. In the Lutz watershed (Barro Colorado Island), where censuses of frogs and toads were made from 1976-1978, a reduction in the numbers of the toad Bufo typhonius was noticed; however, no decline was observed for the frog Colostethus flotator. Annual changes in the abundance of these and other species have been observed, but information from more years are required to establish trends. Seasonal fluctuations in the abundance of anurans have been recorded at all sites, mainly due to the concentration of frogs in moist areas along the margins of forest streams during the dry season. These seasonal changes in frog abundance are generalized, regardless of differences in precipitation or elevation, being strongly coupled to the seasonal rainfall pattern in the region.

MISCELLANEOUS

In the Search of Bones ••• En Búsqueda de Huesos

Katherine Milton, a well known primatologist among the STRI community, asks all visitors and residents of BCI to please collect the skull and any long bone of a dead howler monkey that may be found on the Island. Long bones are the femur or the humerus. She will pay $5 for the skull and an extra $1 for long bones. Total possible per dead monkey is $6 (or $11 if the monkey is marked). If you find such bones, please contact Daniel Millán or Oris Acevedo. Please fax or call if there are any questions (tel. (510)642-3391 • Fax (510)643-8557). Your cooperation will be greatly appreciated ••• Katherine Milton, conocida primatóloga entre la comunidad de STRI ruego a todos los visitantes y residentes de Barro Colorado que colecten el cráneo y cualquier hueso largo de monos ayudadores que se encuentren muertos en la Isla. Los huesos largos son el fémur y el húmero (brazo y pierna). Kathy pagará $5 por el cráneo y $1 por los huesos largos. El total por cada mono muerto sería $6, o, en el caso de monos marcados, $11. Si Ud. se encuentran con dichos huesos, comuníquese con Daniel Millán o con Oris Acevedo. Llame o mande un fax en caso de dudas (Tel. (510)642-3391 • Fax (510)643-8557). Su cooperación será de gran ayuda.

Salón de las Oropéndolas, Parque Metropolitano

El Parque Natural Metropolitano ofrece su Salón de las Oropéndolas para seminarios, conferencias, talleres, eventos de capacitación de empresas u organizaciones, exhibiciones, almuerzos, etc., por tarifas moderadas, durante 8 horas diurnas, con una capacidad para 150 personas. Para empresas privadas $150 el día y para organizaciones sin fines de lucro $75 al día. El Parque Metropolitano se encuentra a escasos 10 minutos del centro de la ciudad y cuenta con amplios estacionamientos y seguridad.

Needed ••• Se Necesita

BCI residents will borrow or rent a TV set to watch the Football games from Jun 17-30. Please contact Oris Acevedo if you have one available ••• Los residentes de Barro Colorado desean pedir prestado o rentar un televisor durante los juegos de fútbol del 17 al 30 de junio. Favor de llamar a Oris Acevedo si tiene uno a disposición.

For Sale ••• Se Vende

1992 Toyota Tercel, duty exonerated, less than 20,000 miles. $7500. Call José Rodríguez at 27-1777, extension 2249 ••• Toyota Tercel del '92, exonerado, con menos de 20,000 millas a $7500. Llamar a José Rodríguez al 27-1717, extensión 2249.

Wanted ••• Se Desea Comprar

Baby items: stroller, high chair, car sit. If you have any of these and are interested in selling them, please call Gloria Maggiori ••• Artículos para bebé: silla alta, coche, silla para el carro. Si desea venderlos, favor de comunicarse con Gloria Maggiori.
NEW STRI PUBLICATIONS


NEW STRI BOOKLIST


Biodiversidad y ecología de la cuenca de la Barra de Santiago/El Imposible, v.1-3. fQH108.S3B615 1993 STRI.

Biologie und ökologie der bromeliensau von Guzmania weberbaueri im amazonischen Peru / Peter Krugel. QK495.B76K94 1993 STRI.

Birding Brazil: a checklist and site guide / BC Forrester. QL689.B7F73 1993 STRI.

Frugivory and seed dispersal: ecological and evolutionary aspects / TA Fleming & A. Estrada, eds. QK929.F79 1993X STRI.


Morphological change in Quaternary mammals of North America / edited by RA Martin & AD Barnosky. QE881.M769 1993X STRI.

Morphometric tools for landmark data : geometry and biology / FL Bookstein. QH351.B67 1992X STRI.

Multipurpose trees for agroforestry and wasteland utilisation / RK Gupta. SB172.5.IG587 1993X STRI.

Neotropical plant families : a concise guide to families of vascular plants in the Neotropics / PJM Maas & LYTh Westra. Ref QK474.5.M111 1993 STRI.


Oiseaux de Guyane / Olivier Tostain et al. QL696.A3G95 1992 STRI.

Resumenes y contribuciones de la 3ra Reunion Anual del Proyecto PICG 281 Climas cuaternarios de America del Sur / editado por J.Machare & L.Ortlieb. QE701.P96 1991 STRI.

Species evolution : the role of chromosome change / Max King. QH380.K56 1993X STRI.