

STRI newsletter

March 11, 1994

SMITHSONIAN TROPICAL RESEARCH INSTITUTE - Apartado 2072, Balboa, Panamá

No. 10

TUPPER CENTER SEMINARS

Tue, Mar 15, noon seminar speaker will be Richard Ladle, Oxford University.

Red Queen, Dead Queen?

Abstract

I will review the theoretical foundations of the idea that sexual reproduction is a response to selection pressures posed by coadapted parasites. I will then review the status of the empirical support for this idea. Finally I will discuss how population structure of host and parasite populations is expected to influence the coevolutionary dynamics of these processes.

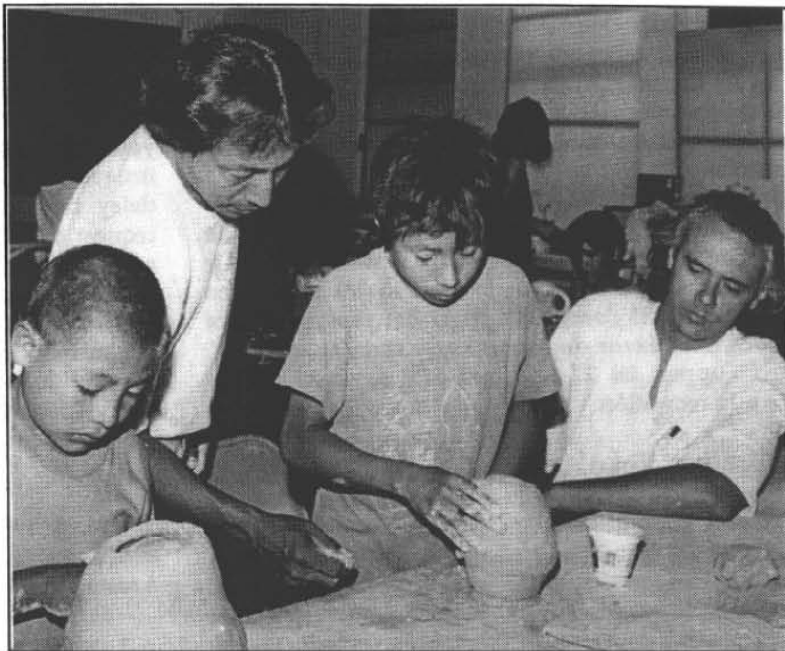
PEOPLE

Arrivals

- Participants of the CTFS Workshop, which will be held on Mar 14-18.
- Hans Schnitzler, graduate student fellow and Annette Denzinger, from the University of Tuebingen, Germany, Mar 7-10 Apr, to study the behavior of BCI bats, on BCI.
- Gregory Adler, University of Wisconsin, Mar 13-18, to carry out an experimental study the population limitation in a tropical fruit-eating rodent, on a Scholarly Studies Grant, on BCI and Gamboa.
- Walter Carson, University of Minnesota, Mar 14-15 Apr, to work with Steve Hubbell, on BCI.
- Mary Ann Lindgren, Mar 16-27 and Lucy Dorick, Mar 21-26, to participate in the activities planned for the visit of the Smithsonian Women's Committee.

Departures

- Nancy Knowlton, Mar 14-18, to New York, to attend the Symposium in honor of John Sutherland, as an invited speaker.
- Jeremy Jackson, Mar 16-25, to Groton, CT, to attend a memorial symposium for John Sutherland, the Benthic Ecology Meetings, and then to Washington D.C.



Sapingua Arias and Damirai Pérez from the Kuna Art and Ecology Workshop from Ailigandi, work under the supervision of their teacher José Angel Colman, during a recent course organized by the Museo de Arte Contemporáneo. This workshop, supported by STRI (Jorge Ventocilla, coordinator), WWF and Dobbo Yala, has been operating for over a year ••• Sapingua Arias and Damirai Pérez, del Taller de Arte y Ecología en Ailigandi, trabajan con su maestro José Angel Colman, durante un curso organizado por el Museo de Arte Contemporáneo. El taller que está patrocinado por STRI (Jorge Ventocilla, coordinador), la WWF y Dobbo Yala, tiene ya más de un año de operación.

(Foto: M.A. Guerra)

to attend the NAS Research Council Meetings.

- David Doubik, Mar 17-21, to Mexico, to film bee research for the National Geographic documentary.

THINGS YOU SHOULD KNOW

CTFS Workshop ••• Taller de Trabajo del CTFS

The CTFS (Center for Tropical Forestal Science) will hold a workshop on long-term research on tropical forests in Latin American from Mar 14-18, at the Earl S. Tupper Conference Center. The objective of the workshop is to develop a priorities plan for multidisciplinary research and to select a network of Latin American research centers with the necessary conditions to conduct this kind of research. On Mon, Mar 14 and Tue, Mar 15 during the morning, representatives from several countries will offer seminars open to the community. Copies of the program for such sessions can be obtained from Zeida Batista, Tupper Center, ext 346, or read at the Tupper Reception bulletin board •••

El CTFS (Centro de Ciencias Forestales del Trópico) llevará a cabo un taller de trabajo sobre investigaciones a largo plazo de bosques tropicales en Latinoamérica, del 14-18 de marzo en el Centro de Conferencias Tupper. El propósito de este taller es desarrollar un plan de prioridades de investigaciones interdisciplinarias y seleccionar una red de centros de investigación en la región latinoamericana, donde se pueden realizar tales investigaciones. Representantes de diversos países de algunas instituciones harán presentaciones el lunes 14 y en la mañana del día 15, abiertas para los interesados en la comunidad. Si desea una copia del programa para estos dos días, favor de comunicarse con Zeida Batista, Centro Tupper, tel 27-6022, ext 346, o ver el tablero frente a la recepción.

The Gamboa Road

The Panama Canal Commission informs STRI personnel and visiting scientists who conduct studies and observations in the old Gamboa Road and/or surrounding areas to exercise caution due to the initiation of work by PCC on the East Bank, which will require the use of explosives. The exact dates for the construction activity will be announced in the near future. At that time access to the Old Gamboa Road will be restricted. Nevertheless, access by STRI personnel with I.D. will be honored whenever possible. This is an early warning to allow researchers to plan accordingly if needing to use this area.

At the Tupper Center

- Mon, Mar 14 ■ CTFS Workshop, Tupper Conference Center, 8am.
 Tue, Mar 15 ■ CTFS Workshop, Tupper Conference Center, 8am.
 ■ Noon seminar by Richard Ladle, Auditorium.
 Wed, Mar 16 ■ CTFS Workshop, Tupper Conference Center, 8am.
 Thu, Mar 17 ■ CTFS Workshop, Tupper Conference Center, 8am.

At the Culebra Marine Reserve

- Tue, Mar 15 *Escuela Francesa*
 Wed, Mar 16 *Curundu Elementary School*
 Thu, Mar 17 *Colegio Internacional del Caribe*
 Fri, Mar 18 *Estrellitas Infantiles de Teatro*
 Sat, Mar 19 *Ecólogos de Verano de la USMA*

To All Members of the Credit Union

- Loan approved: In order to expedite the documentation process and avoid delays, please remember that

Elena Lombardo signs as Authorizes Notary, and Celi-deth will assist you in reviewing completion of documents before they are submitted.

■ Money withdrawals: To speed up the process when requesting a withdrawal from your account, just send your fax to "AFCU Telephone Center", Fax (202)479-3877 instead of to the attention of Judy Smith, since this will delay de process one or two days. More than one request placed by the same member, must read "second request", to avoid duplication of the same transaction.

■ Loan applications: Loan requests must continue to be sent to Judy Smith, AFCU Manager, SI, Suite B-10, via Fax or mail. Her Fax is (202)479-3877.

For additional information please consult your station's AFCU representative: Celideth Mendoza at Tivoli, Mercedes Arosemena at Naos, and Vicky Rodríguez at BCI.

NEW STRI PUBLICATIONS

- Arosemena, Fernando and Ibáñez, Roberto. 1993. "Una Especie Nueva de *Anolis* (Squamata: Iguanidae) del Grupo *fusciauratus* de Fortuna, Panamá." *Revista de Biología Tropical* 41(2): 267-272.
- Cambra, Robert A. and Quintero A., Diomedes. 1993. "Studies on *Timulla* Ashmead (Hymenoptera: Mutillidae): New Distribution Records and Synonymies, and Descriptions of Previously Unknown Allotypes.
- Greenfield, M.D. 1993 "Inhibition of Male Calling by Heterospecific Signals: Artifact of Chorusing or Abstinence During Suppression of Female Phomotaxis?" *Naturwissenschaften* 80: 570-573.
- Machado, José Luis. 1993. Patterns of Hydraulic Architecture and Water Relations of Two Tropical Canopy Trees with Contrasting Leaf Phenologies: *Ochroma puranudake* and *Pseudobombax septenatum*. Ms. Thesis, University of Vermont.

SAFETY NEWS ••• SOBRE SEGURIDAD

The gates at the Tivoli employee parking lot have been outfitted with remote control arms capable of exerting 3000 lb. each while opening or closing. For personal safety, pedestrians will not be allowed through those gates when the doors are normally closed. In order to accommodate the high pedestrian traffic at specific times during the day, those doors will be kept open for vehicles and pedestrians during the following time intervals:

- 7:30am-08:30am ■ 11:45am-1:15pm ■ 4:15pm-5:30pm.
 Please, cooperate with the above safety measure and

refrain from insisting on coming in during off times if on foot. The security guards have been instructed not to allow any pedestrian through the doors during off times. During those times, pedestrians must enter through the main door next to the library.

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Las puertas del estacionamiento de Tívoli han sido equipadas con brazos eléctricos a control remoto capaces de ejercer una fuerza de 3000 lbs cada uno. Por razones de seguridad personal, no será permitido el paso de peatones a través de esas puertas cuando estén normalmente cerradas. Para acomodar el alto flujo peatonal a ciertas horas del día, las puertas se mantendrán abiertas durante los siguientes intervalos en días laborales:

■ 7:30am-8:30am ■

■ 11:45am-1:15pm ■ 4:15pm-5:30pm.

Por favor respetar las horas establecidas y no insistir en querer entrar a deshoras. Los guardias de seguridad han sido instruidos en no dejar entrar a peatones por esas puertas fuera de las horas mencionadas. Durante esas ocasiones, peatones deben entrar por la puerta principal al lado de la biblioteca.

To All Library Users

A Todos Los Usuarios de la Biblioteca

We ask all our library users to make arrangements with their facilities' secretaries or the Tupper Center Reception Desk if are expecting to be located by someone. The library staff is not the appropriate source to forward calls, take messages or search the building for specific persons, except on an emergency basis. Your cooperation will be greatly appreciated.

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Se le pide a todos los usuarios de la biblioteca de STRI que se pongan de acuerdo con la secretaria de su puesto de trabajo o con la recepción del Centro Tupper, si espera que alguien le requiera. El personal de la biblioteca no es la fuente apropiada para devolver llamadas, tomar mensajes o buscar personas en el edificio, excepto en caso de urgencia. Agradecemos su colaboración.



Alberto McKay, director de INRENARE y Ira Rubinoff, director de STRI, visitaron el Parque Nacional Isla de Coiba en compañía de Juan Carlos Navarro, director ejecutivo de ANCON y Carmen Moreno, directora de la Agencia Española de Cooperación Internacional (AECI). Durante la visita, el día jueves 3 de marzo, se realizó un recorrido por la estación científica de la Isla, la cual es administrada por INRENARE y AECI. Personal administrativo y científico de de todas estas instituciones acompañaron a los directores en la gira.

(Foto: E. Lombardo)

CALL FOR PAPERS

The American Society of Naturalists, ASN, the Society for Molecular Biology and Evolution, AMBE, the Society of Systematic Biologists, SSB and the Society for the Study of Evolution, SSE, will hold a joint meeting at the University of Georgia, Athens, from June 15 to June 19. There will sessions for poster and for 15-minute contributed talks. If you wish to contribute a poster or paper, complete a form (type or print please) and return by 24 March to Michael Ryan, Secretary, SSE, Department of Zoology, University of Texas, Austin, TX 78712. Phone (512)471-5078 • Fax (512)471-9651 • E-mail: evolmr@utxvm.cc.utexas.edu. For a copy of the form and more information, please visit the STRI Office of Education, at the Tupper Center.

CONGRESS

Molecular Genetic Approaches in Conservation

The 75th annual meeting of the Pacific Division and the American Association for the Advancement of Science will hold a symposium on the molecular genetic approaches in conservation on June 21-22, at San Francisco State University, California. "With the loss of biodiversity has also come the realization that conservation strategies must not only focus on patterns of biotic diversity but also on the biological processes producing it. Recent advances in molecular biology are proving useful in making informed conservation management decisions for threatened and endangered species. The symposium will bring together many of the leaders in the emerging field of molecular conservation genetics. The

objectives are to summarize and discuss results of recent research utilizing molecular techniques in conservation biology. For information about presenting a poster at the symposium contact: Tom Smith, Department of Biology, San Francisco State University, San Francisco, California, 94132. Phone (425)338-1089, Fax (415)338-2295, or E-Mail tsmith@sfsuvox1.sfsu.edu

For registration materials write to the Pacific Division, AAAS, California Academy of Science, Golden Gate Park, San Francisco, CA 94118 or phone (415)752-1554.

Congreso Mundial de Turismo para el Ambiente: Puerto Rico y el Caribe

Mayo 31-Junio 4, 1994

El III Congreso Mundial de Turismo para el Ambiente se enfoca en el turismo tradicional y el ambiente y los recursos marinos relacionados con el turismo. Los temas de discusión incluyen el cambio, el significado, la administración, las ganancias, los hoteles y los recursos naturales en el turismo. El enfoque de los seminarios de campo serán las tortugas marinas y los visitantes, los conflictos ambientales del turismo, los manglares, el turismo como alternativa económica para mantener los bosques, el desarrollo y las áreas protegidas, el patrimonio cultural, el turismo como herramienta de educación, etc. Este congreso es el tercero en una serie de congresos que reúnen conservación, turismo, la comunidad científica, y los gobiernos del mundo para explorar las filosofías y mecanismos de la conservación del ambiente por medio del turismo. Los dos primeros congresos se reunieron en Belice (1992) y en Venezuela (1993). Los congresos son organizados por Jacana Trust. Para materiales de inscripción e información sobre la presentación de ensayos, escriba al Congreso Mundial de Turismo para el Ambiente, P.O. Box 877, Silverton, OR 97381. Tel. (503)998-3772 • Fax (503)998-3781. Para mayores detalles, favor visitar la Oficina de Educación de STRI en el Centro Tupper.

—An English version is also available—

Fisheries Management Global Trends

The University of Washington, Seattle, Washington will hold the Fisheries Management Global Trends symposium from June 14-16, 1994. This international symposium will bring together scientists, managers, and industry participants to review and discuss trends and current problems in fisheries management. Recent experiences and innovations in the science and art of fisheries management around the world will be examined through individual presentations and panel discussions with particular emphasis on lessons applicable to fisheries in

the United States:

- Status and Trends in World Fisheries
- New Approaches to Management Decision-Making
- Allocating Fishing Rights
- Multiple Species and Ecosystem Considerations, and
- Trends in World Aquaculture. For further information please write Dr. Ellen K. Pikich, School of Fisheries, WH-10, University of Washington, Seattle, WA 98195. Fax: (206)685-7471.

TRAINING

Awards for Research in Museum Education

The Office of the Assistant Secretary for Education and Public Services is pleased to announce a pilot program, Awards for Research in Museum Education, supported by the Education Outreach Fund, starting in Spring 1994. This award program promotes research and critical thinking among museum professionals. It supports individuals who wish to pursue independent research in museum education. The purpose is to enhance the quality and vitality of professional discourse in the field. All Smithsonian employees are eligible. The program encompasses all categories of education supported by the Smithsonian Institution: museum education programs; resources and services for schools and families; museum relations with colleges, university, and allied institutions; continuing education and life-long learning; museological studies; educational theory and practice. Funding up to \$5,000 each. Deadline for application: Monday, May 16, 1994. More details and proposal cover sheet, at the STRI Office of Education at the Tupper Center.

