

# STRI newsletter

JUNE 15, 1990

SMITHSONIAN TROPICAL RESEARCH INSTITUTE, Apartado 2072, Balboa, Panamá

No. 24

## SEMINARS

### Tupper Center Auditorium

No noon seminars scheduled for Tuesday, June 19, or Tuesday, June 26. Alan Smith will give the evening scientific staff seminar on June 26.

### Scientific Talk

TITLE: Echinoccosis: a disease of the liver affecting an individual in Panama. A parasitic infection of wild animals (jaguars and pumas), affecting human beings?

SPEAKER: Gil A. Sanchez, M.D. (Pathologist)

Place: Gorgas Army Hospital. Building Section O. Conference Room #3.

DATE: Wednesday, 20 June

Time: 15:00 hours

STRI PERSONNEL CORDIALLY INVITED. Tel: 82-5307

## PEOPLE

### Arrivals

■ Sean O'Donnell, University of Wisconsin, June 20 - November 30, to work with Don Windsor at BCI and Gamboa.

■ Edward Davies, President of CONOCO, and Ing. Jorge Jimenez, June 22 - 26, to visit STRI facilities.

### Curso de Defensa Personal--Un Exito



De izquierda a derecha: Ofelina Brown, Marta Moreno, Amalia Herrera, la instructora Carmelina Morello L., Adys Centeno, Betty Griggs, Dalys de Ochoa, Irene Holst. Falta Anabelle Arroyo. (Foto por Maria Morello, tramada por el Depto. de Fotografía de STRI)

Como dice el refrán en inglés "no pain, no gain", y las participantes, aunque adoloridas, han quedado satisfechas de sus logros con el curso. El certificado fue otorgado por la Comisión Panameña de Taekwondo. Se está programando otro curso a partir del 7 de julio, 1990, por 6 semanas. La inscripción es con Maria Morello, Oficina de Visitantes, Tupper.

### Departures

◆ June 16 - 27, Nicholas Smythe, Staff Scientist, to Buenos Aires, Argentina, to attend meetings of the American Society of Mammalogists and the Argentine Mammal Society.

◆ June 16 - August 27, Joseph Wright, Staff Scientist, on leave and to attend meetings of the Ecological Society of America in Snowbird, Utah.

◆ June 18 - 22, Fernando Pascal, Engineer, on official business at the Smithsonian Institution, Office of Design and Construction.

### On Leave

June 11 - July 13, Arcadio Rodaniche

June 18 - 30, Gloria Maggiori

## THINGS YOU SHOULD KNOW

### BCI Journal Club

Ola Fincke will present a BAMB I on BCI, Thursday evening, June 21, entitled *Interspecific competition and coexistence of treehole breeding damselflies on BCI*. This will be an informal seminar relating work in progress. A launch will leave Gamboa at 5:35 p.m. and return from the island at 9:00 p.m. If you plan to attend, please contact Maritza Concepción at 52-2124 or 52-2142.



### About Computer Viruses

All known viruses infect one of the following areas:

- the hard disk partition table
- the DOS boot sector of hard disks or floppies
- or one or more executable files within the system programs, system device drivers, COM files, EXE files, overlay files
- or any other file which can be loaded into memory and executed. Viruses that infect overlays always infect the original COM, EXE, BIN or SYS files that call the overlay.

The **VIRUSCAN** program (version 3.1V62) can identify 86 virus strains and numerous sub-varieties for each strain. The 86 viruses include the ten most common viruses which account for over 95% of all reported PC infections.

**Jerusalem-B** found in the general use computers at the Tupper Building Computer Room infects COM files, EXE files and overlay files and corrupts them. This virus remains resident and slows down the system run-time operation considerably. These computers have been 'cleaned', and a vaccine has been installed in each computer to prevent introduction of this and other viruses. However, if you have used these computers recently or your computer shows any symptom of infection, contact Francisco Rivera, Tivoli.

To avoid these problems in the future it is strictly prohibited to install any program or software in the general use computer without first consulting the Tupper Scientific Coordinator, Raineldo Urriola.

### Personnel News

**Roberto Yau** is the new Laboratory Manager for Galeta Lab, Oil Spill Project, beginning June 18, 1990. Mr. Yau has traveled and trained in Europe and Central America. From 1978 to 1980 he attended Fox Valley Technical

Institute, and has two year of studies in Automotive Technology

The STRI Office of Education and Conservation welcomes back **Marissa Crespo**, who had been on leave for a year. **Gloria Zelaya**, who had been working as secretary in the office, will transfer to Barro Colorado Island for a few months.

### STRI Publications



*Ecología de un Bosque Tropical*  
ed. by  
E.G. Leigh  
A.S. Rand  
D. Windsor

■ Dudley, Robert. 1990. Biomechanics of flight in neotropical butterflies: morphometrics and kinematics. *J. Exp. Biol.* 150: 37-53.

■ Roubik, D. and Boreham, M. 1990. Learning to live with africanized honeybees. *Interciencia*, May-June 1990, Vol. 15, No.3.

## ANNOUNCEMENTS

### Tupper News

A committee is currently working on a policy for use of Tupper Center Facilities (auditorium, conference hall, etc).

### Grant Received

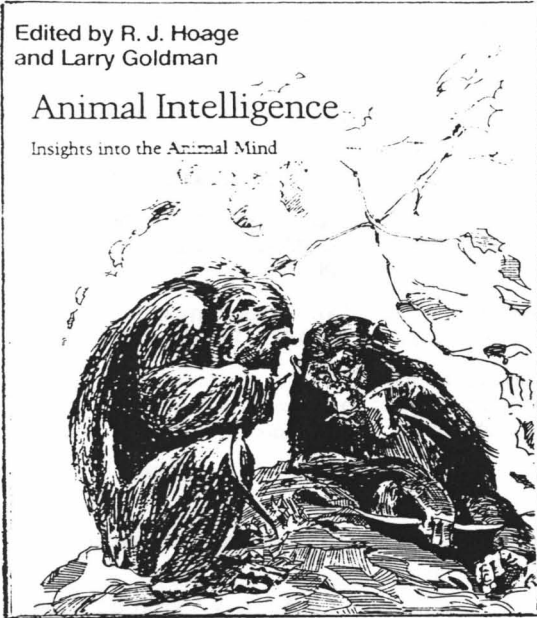
STRI has received from the Mellon Foundation a \$250,000 grant in support of the Paleoecology Program.

### The STRI MiniBookstore News

Edited by R. J. Hoage  
and Larry Goldman

#### Animal Intelligence

Insights into the Animal Mind



The MiniBookstore has just received a shipment of *Endangered Birds of the World*, *The ICBP Bird Red Data Book*. Compiled by Warren B. King. It sells for 10.00 Also, *Animal Intelligence, Insights into the Animal Mind*. Edited by R.J. Hoage and L. Goldman. It sells for \$11.00 The new STRI book *Ecología de un Bosque Tropical* will also be for sale beginning June 15. E. Leigh, S. Rand and D. Windsor are the editors of this translation of the 1982 BCI Book. This first edition will sell at a promotional price of \$10.

### Aerobic Classes at STRI



Want to have fun and get fit at the same time? Aerobics classes are available at STRI on Monday, Wednesday and Friday, at 4:45 p.m. and 5:30 p.m., in the Tupper Conference Hall. The instructor, Anabella del Carmen Sosa, teaches *low impact aerobics*, which includes lots of stretching and a special session for tightening stomach muscles. Anabella previously taught at PHYSICAL Aerobics Center.

### 1990 Panama Directories

Anyone who has not received a 1990 Panama Telephone Directory can get a copy from the Procurement Department, Tupper Building.

### Congresses / Congresos

■ II Congreso Internacional de Gestión en Recursos Naturales: Un enfoque integrado para el desarrollo. 7-11 Enero, 1991 en Valdivia, Chile, Para mayor información dirigirse a: Universidad Austral de Chile, Facultad de Ciencias Forestales, Casilla 853, Valdivia, Chile. Tel. 213911, FAX 212953.

■ The "Coastal Zone Conferences" are multidisciplinary international symposia on coastal and ocean management and are held every two years in the U.S.A. For "Coastal Zone 91" which will be held from 8-12 July 1991 in Long Beach, California, a publication on the various aspects of Caribbean coastal zones will be prepared, entitled: "Coastlines of the Caribbean Islands". Papers are invited for this publication and for presentation at the forthcoming conference, send these to Dr. Gillian Cambers, P.O. Box 860, Road Town, Tortola, British Virgin Islands. Tel. 809-494-5681/2; Fax: 809-494-2506. For general information relating to the Conference contact: CZ Headquarters, P.O. Box 279, Middletown, CA 95461, U.S.A. Tel. 707-987-0114; Fax: 707-987-9351.

### CIEE Tropical Biology Program in Monteverde

This program in Costa Rica is designed for students of intermediate or advanced biology with an interest in studying tropical biology in the field. Three courses are available: Tropical Biology, Independent Research in Field Biology, and Spanish Language / Agroecology. Students will attend lectures and discuss a broad range of topics in tropical biology emphasizing evolutionary ecology, conservation biology, and animal behavior. For more information about this program, call or write to the CIEE Academic Programs Department, 205 East 42nd Street, New York, N.Y. 10017, Tel. (212)661-1414, ext. 1236.

### Found

If you have lost a 72 mm lens cap in the Tivoli Building, contact the Education Office at Tupper.

### Need Help with Housework?

Person who has worked with STRI personnel doing housework is seeking additional employment. If interested, contact P. Rand (56-6235) or N. Emlen (56-6713) for references.

## STRI LIBRARY NEW BOOK LIST



Analysis of seawater (TR Crompton, 1989) **GC101.2.C76 1989X STRI.**

Aquatic ecotoxicology: fundamental concepts and methodologies (A. Boudou & F. Ribeyre, eds., 1989) **QH541.5.W3A68 v.2 1989X STRI.**

Bibliographic information on plant tissue culture, 1987 (Information Committee on Plant Tissue Culture and the Institute of Physical and Chemical Research (RIKEN), eds., 1989) **Z5354.C44B58 1987 STRI.**

Biological monitoring for pesticide exposure: measurement, estimation, and risk reduction (RGM Wang, ed., 1989) **RA1270.P4B53 1989X STRI.**

Biologie des colopteres (R. Paulian, 1988) **QL573.P3p 1988 STRI.**

Biotelemetry X: proceedings of the Tenth International Symposium on Biotelemetry, Fayetteville, Arkansas, United States of America, July 31 to August 5, 1988 (CJ Amlaner, Jr., ed., 1989) **QH324.9.B5T57 1988X STRI.**

Degradation of pesticides, desiccation, and defoliation, ACH-receptors as targets (H. Bergmann et al., contrs., 1989) **SB951.D414 1989X STRI.**

Ecological experiments: purpose, design, and execution (NG Hairston, Sr., 1989) **QH541.24.H35 1989X STRI.**

Ecology and management of gamebirds (PJ Hudson & MRW Rands, eds., 1988) **QL696.G2E18 1988 STRI.**

A Field guide to the fishes of Galapagos (G. Merlen, 1988) **QL636.5.G35M56 1988 STRI.**

Flight strategies of migrating hawks (P. Kerlinger, 1989) **QL696.F3K45 1989X STRI.**

Fossil Cetacea of the Caucasus (GA Mchedlidze, 1988) **QE882.C5M33813 1988X STRI.**

Fragile lands of Latin America: strategies for sustainable development (JO Browder, ed., 1989) **HD320.5.Z63F68 1989X STRI.**

Functional morphology of feeding and grooming in Crustacea (BE Felgenhauer et al., eds., 1989) **QL445.F97 1989 STRI.**

Ground beetles (Carabidae) of Fennoscandia: a zoogeographic study (CH Lindroth, 1989) **QL596.C2L5313 1989X STRI.**

The Hour of the fox: tropical forests, the World Bank, and indigenous people in Central India (RS Anderson & W. Huber, 1988) **SD646.B37A53 1988X STRI.**

Human ethology (I. Eibl-Eibesfeldt, 1989) **BF701.E4313 1989X STRI.**

Keys to the insects of the European part of the USSR = (Opredelitel' nasekomykh Evropeiskoi chasti SSR (GS Medvedev, ed.-in-chief, 198-?) **QL482.R9062 v.5 pt.1 & 2 1980 STRI.**

Larvae of owlet moths (Noctuidae): biology, morphology, and classification (OI Merzheevskaya, 1988) **QL561.N7M4413 1988X STRI.**

Lepidopterous fauna of the USSR and adjacent countries: a collection of papers dedicated to professor Aleksandr Sergeevich Danilovskii (OL Kryzhanovskii, 1988) **QL555.S65C4713 1988X STRI.**

Mammals of the Soviet Union (VG Heptner et al., 1988-) **QL728.S65G47 v.1 1988X STRI.**

Methods in marine zooplankton ecology (M. Omori & T. Ikeda, 1984) **QL123.O4613 1984X STRI.**

Molecular biology of chromosome function (KW Adolph, ed., 1989) **QH600.M63 1989X STRI.**

Plant stress from air pollution (M. Treshow & FK Anderson, 1989) **QK751.174 1989X STRI.**

Quantitative dynamic stratigraphy (TA Cross, ed., 1990) **QE561.Q26 1990X STRI.**

Recent advances in avian immunology research: based on the Avian Immunology Research Group Meeting held at the Central Veterinary Institute, Lelystad, the Netherlands, September 29-30, 1988 (Avian Immunology Research Group Meeting (1988: Central Veterinary Institute), 1989) **SF995.A957 1988 STRI.**

Soil genesis and classification (SW Buol et al., 1989) **S591.B887 1989X STRI.**

## Humor

