

SEMINARS - ANCON CONFERENCE ROOM

Tuesday, January 3, noon seminar speaker will be BRIAN BOCK, University of Iowa.

Effects of Isolation:
Patterns of Genetic and
Morphological Variability
in Anolis limifrons.

Abstract: The creation of Lake Gatun fragmented the banks of the Chagres River into peninsulas and islands of varying sizes. Sub-populations of an Anolis lizard from isolated and non-isolated sites in this area were compared genetically and morphologically to study whether barriers to gene flow have contributed to divergence among the demes. Interesting variation in a presumptive sexually selected trait is also described.

NEXT WEEK

Monday, January 9, seminar speaker will be W.H. HAMILTON, Oxford University, at 3 p.m.:
Parasites and Sex.

Tuesday, January 10, noon seminar speaker will be Anthony Coates, George Washington University:
Neogene and Pleistocene
Geology and Stratigraphy
of Panama and Costa Rica.

ARRIVING

January 2 - December, 1989, JEFFREY BRAWN and KATIE SIEVING, to study the influence of physical isolation on geographic variation within selected bird species.

January 2 - March 15, 1989, GREGORY ADLER, Harvard University, and J. SEAMON to study the distribution of rodents on islands in Gatun Lake.

January 2 - January 9, 1989, KAE EYRE and KARLA STEEL, development consultants from Seattle, Washington, to conduct fundraising study at STRI.

January 3, 1989, STEPHEN HUBBELL, Princeton University, and R. CONDIT to continue work on the 50 ha. plot on BCI.

January 3 - March 31, 1989, ROBERTO CORDERO, Universidad de Costa Rica, to work with Alan Smith on photosynthesis, respiration and transpiration in tropical forest plants on BCI.

CALENDAR

JANUARY 1989						
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				

January 2 - New Year's Celebration. Official STRI Holiday.

January 9 - 'Día de los Mártires' is a Panamanian Holiday.

January 20 - Martin Luther King Day. Official STRI Holiday.

BCI NEWS

A new boat user regulation guide has been prepared to better enforce proper user practices. All BCI boat users are requested to honor these regulations.

NEW PUBLICATIONS BY STRI STAFF, FELLOWS AND RESEARCH ASSOCIATES

Garcia J., Milton N. 1988. Biología reproductiva del escorpión Centruriodes margaritatus (Gervais), Buthidae. Tesis de Licenciatura, Universidad de Panamá.

SCHOLARLY EXCHANGES

The National Academy of Sciences (USA) has several programs for international scholarly exchange, in the Soviet Union, Eastern Europe and China. It is not necessary to be a member of the Academy to participate. Information is on file in the STRI Education Office.

CURSOS Y CONGRESOS / COURSES & CONGRESSES

XI Congreso Latinoamericano de Zoología.

1-7 Octubre 1989

Cartagena, Colombia

Comité Organizador: Dr. Alberto Cadena, Instituto de Ciencias Naturales, Universidad Nacional de Colombia, Apartado 93169, Bogotá, Colombia.

La segunda circular informativa del Congreso se enviará a quienes pidan mayor información.

X Curso de Anillamiento de Aves.

28 de marzo al 11 de abril de 1989

Estación Ecológica Taim, Brazil

Para mayor información, favor comunicarse con J. L. X. do Nascimento, Ed. Palacio do Desenvolvimento, 12 Andar Sala 1219, Brasilia, DF, Brasil 70057.

III Taller Internacional Sobre el Manejo de Recursos de Vida Silvestre.

mayo 1989

Costa Rica

El US Fish and Wildlife Service y el Servicio de Vida Silvestre de Costa Rica organizan este taller para proporcionar a administradores de vida silvestre y áreas naturales nuevos conceptos, información y habilidades para la planificación y manejo de los recursos. Todos los gastos de cada participante serán cubiertos. Si su institución está interesada en enviar a uno de sus miembros a este seminario, se debe enviar la siguiente información:

1-nombre

1-dirección y teléfono

3-curriculum vita

4-una recomendación del superior

5-una descripción de trabajo y como el curso beneficiaría al candidato.

Las nominaciones deben ser recibidas antes del 1ero de marzo en la siguiente dirección:

Dr. Herbert Raffaele

Western Hemisphere Coordinator

US Fish and Wildlife Service

Room 2058

18th & C. Streets, NW

Washington, DC 20240, USA.

15th Annual Congress of the International Federation of Parks and Recreation Administration.

April 30 - May 6, 1989

Greensboro, North Carolina, USA

For more information, write INFORMATION, 1989 IFRA Congress Headquarters, Parks & Recreation Department, Drawer W-2, Greensboro, NC 27402, USA.

JOB ANNOUNCEMENT

The Conservation Foundation (CF), a nonprofit, environmental policy research organization, plans to appoint up to four junior-level Research Fellows for the year beginning September 1989. CF explores critical environmental and natural resource issues, domestic and international. CF Research Fellows will be assigned to a particular program at the Foundation, assisting one or more Senior Associates in carrying out the projects of that program. Applicants must have a bachelor's degree; a master's degree is highly recommended. Appointments will be for 12 months. Applications must be submitted by February 17, 1989. If interested write to: Ms. Margaret Cook, The Conservation Foundation, 1250 Twenty-Fourth Street, NW, Washington, DC 20037, USA.

CAMPAÑA CONTRA EL AEDES aegypti

Del 17 al 23 de diciembre se llevó a cabo la **Semana Contra el A. aegypti**, mosquito que transmite la fiebre amarilla y el dengue y que vive asociado con viviendas humanas. Se recomienda--

RELLENAR tubos de cercas, bloques, huecos en árboles, perforaciones en rocas y huecos en pisos;

BOTAR o ENTERRAR botellas, frascos, latas, envases de cartón y bolsas plásticas;

SEMBRAR con tierra las plantas en recipientes de agua;

LAVAR las superficies interiores cada 48 horas y PERFORAR el fondo de tinajas o cántaros de adorno que se encuentren a la interperie.

LIBRARY NEWS

New Book List

ANIMAL ENERGETICS(T.J. Pandian and F. John Vernberg, editors, 1987) v.1. Protozoa through insects--v.2. Bivalvia through reptilia
QP171.A67 STRI

ASPECTS OF DECAPOD CRUSTACEAN BIOLOGY: THE PROCEEDINGS OF A SYMPOSIUM...(A.A. Fincham and P.S. Rainbow, editors, 1988) Symposia of the Zoological Society of London; no. 59.
QL444.M33A83 STRI

AVIFAUNA PARCIAL, PARQUE NACIONAL NATURAL "LAS ORQUIDEAS"(H. Echeverria, 1986)
QL689.C6E18 STRI

BIBLIOGRAPHY OF WHALE KILLING TECHNIQUES(E.D. Mitchell, R.R. Randall and A. Evely, 1986). Reports of the International Whaling Commission. Special issue, no.7.
Z599973.W5M68 STRI

BIRDS OF AFRICA(Leslie H. Brown, E.K. Urban and K. Newman, 1982--) v.3. Parrots to woodpeckers.
QL692.A1B87 STRI

BOOKS IN PRINTS(R.R. Bowker Co., 1988-89)
Z1215.B724 STRI

CIAT INTERNATIONAL(Centro Internacional de Agricultura Tropical, 1982-). new journal for STRI

CRUSTACEAN PHYLOGENY(F.R. Schram, editor, 1983) Crustacean issues;1.
QL435.A1C945 STRI

ENERGY AND THE EVOLUTION OF LIFE(R.F. Fox, 1988).
QH371.F62 STRI

EVOLUTION, THERMODYNAMICS, INFORMATION : EXTENDING THE DARWINIAN PROGRAM (J.S. Wicken, 1987).
QH371.W53 STRI

EVOLUTIONARY BASIS FOR POLLINATION ECOLOGY(S.C. Willemstein, 1987). Leiden botanical series; v.10.
QL468.7.W55 STRI

EVOLUTIONARY PROCESSES AND METAPHORS(Mae-Wan Ho and S.W. Fox, editors, 1988).
QH371.E928 STRI

FIELD GUIDE TO BIRDS OF THE USSR: INCLUDING EASTERN EUROPE AND CENTRAL -ASIA.(V.E. Flint...(et al.); translated from the Russian by N. Bourso-Leland, 1983).
QL690.S65P7513 STRI

IN FAVOR OF DECEIT : A STUDY OF TRICKSTERS IN AN AMAZONIAN SOCIETY (Ellen B. Basso, 1987).
F2520.1.A63B365 STRI

INVESTIGATIONS ON CETACEA(G. Pilleri, editor, 1988) Supplementum XX.
QL737C.P55 STRI

LIGHT AND PLANT GROWTH(J.W. Hart, 1988) Topics in plant physiology;1.
QK757.H37 STRI

DIADROMY IN FISHES: MIGRATIONS BETWEEN FRESHWATER AND MARINE ENVIRONMENTS(R.M. McDowall, 1988).
QL639.5.M33 STRI

MALE STERILITY IN HIGHER PLANTS(Mohan L.H. Kaul, 1988). Monographs on theoretical and applied genetics; 10.
QK828.K38 STRI

NATURAL MANAGEMENT OF TROPICAL MOIST FORESTS: SILVICULTURAL AND MANAGEMENT PROSPECTS OF SUSTAINED UTILIZATION (F. Mergen and J.R. Vincent, 1987).
SD247.N38 STRI

NORTH AMERICAN TERRESTRIAL VEGETATION (M.G. Barbour and W.D. Billings, editors, 1988).
QK110.N854 STRI

PHOTOSYNTHETIC MECHANISMS AND THE ENVIRONMENT (J. Barber and N.R. Baker, editors, 1985). Topics in photosynthesis; v.6.
QK882.P559 STRI

PREHISTORIC FOOD PRODUCTION IN NORTH AMERICA (Richard I. Ford, editor, 1985) Anthropological papers/Museum of Anthropology, University of Michigan; no. 75.
E98.A3P92 STRI

PROCESSING OF ENVIRONMENTAL INFORMATION IN VERTEBRATES (Milton H. Stetson, editor, 1988). Proceedings in life sciences.
QP84.6.P77 STRI

REPRODUCTIVE BIOLOGY OF INVERTEBRATES (K.G. and Rita G. Adiyodi, editors, 1983) v. 3. Accessory sex glands.
QL364.15.R45 STRI

SOIL CONSERVATION : ASSESSING THE NATIONAL RESOURCES INVENTORY/COMMITTEE ON CONSERVATION NEEDS AND OPPORTUNITIES, BOARD OF AGRICULTURE, NATIONAL RESEARCH COUNCIL (National Research Council, 1986)
S6244.A1S55 STRI

THREE SCIENTISTS AND THEIR GODS : LOOKING FOR MEANING IN AN AGE OF INFORMATION (Robert Wright, 1988).
Q360.W75 STRI

TOWARDS UNDERSTANDING CLIMATE CHANGE: THE J.O. FLETCHER LECTURES ON PROBLEMS AND PROSPECTS OF CLIMATE ANALYSIS AND FORECASTING(Uwe Radok, 1987).
QC981.8.C5T65 STRI

WASHINGTON INFORMATION DIRECTORY 1987(Congressional Quarterly, 1987).
F192.5.W276 STRI REF

Wishing you
all the joy that
is Christmas!



... the joy of searching
three hours for a parking
space.
... the joy of learning the
stores are out of
everything on your list.
... the joy of receiving
gifts from relatives who
don't understand you at
all.
(Ahh, the joys...)



Steve Kelley
San Diego Union
Copley News Service

