

SEMINARS

ART BULGER, University of Virginia, will be the speaker for the luncheon seminar Tuesday, May 21. His subject will be:

Patterns of heat tolerance in Fundulus heteroclitus; daily, seasonal and osmoregulatory components

On Tuesday, May 28, BILL DURHAM, Stanford University, will speak on:

A Rejoinder to Sociobiology: The Ecology of Polygyny, Polyandry and Polygynandry in Tibet

ARRIVALS & DEPARTURES

May 19 - Arriving, FOREST HORTON, SI Office of Information Resources Management, for a visit of STRI facilities.

May 19 - Arriving, DAVID DOBBINS, Millersville University, to work on correlating anomalous secondary growth common in lianas with their ecological success. He will be on BCI until May 31.

May 20 - Arriving, VINCENT WILLAS, Loyola University, to work with N. Garwood on BCI.

May 21 - Arriving, CHRISTOPHER PETERSEN, University of Houston, on a STRI Short term Fellowship, to study gender allocation in simultaneous hemaphroditic animals. He will be in the San Blas and Taboga island for three month.

May 21 - Arriving, FERNANDO ZAPATA, University of Arizona, on an Exxon Assistantship, to work for three months with C. Petersen in the San Blas and Taboga.

Also expected this week are:

JERONIMO GARCIA, University of Iowa, on a STRI Short term Fellowship, to study strategies of establishment of Neotropical trees. He will be on BCI for three months.

LUIS MANUEL MOTA, Instituto de Biología, Universidad Autónoma de México, on an Exxon assistantship, to collaborate with D. Werner on an experimental study of diet selection by hatchling iguanas, Iguana iguana. He will be in Panama for three months.

Leaving:

JOHN CUBIT, JEREMY JACKSON, NANCY KNOWLTON, HARIS LESSIOS and ROBERT RICHMOND, to attend and present papers at the 5th International Coral Reef Symposium in Papeete, Tahiti. They are expected back around mid-June.

I. RUBINOFF, J. GRAHAM, J. MOTTA and collaborators to the Pearl Islands, to continue studies on the diving biology of sea snakes, from May 20-24.

DISTINGUISHED ALUMNUS

IRA RUBINOFF was selected as one of two "Distinguished Alumni for 1985" by his former alma mater, Queens College, where he obtained his B.S. in Biology in 1959.

UPCOMING EVENTS

-VI EXPOSICION NACIONAL DE ORQUIDEAS May 17 - 19 at the FLORESTA PANAMEÑA, El Dorado.

-PRIMER SIMPOSIO NACIONAL DE FISIOLOGIA DE LA OSMORREGULACION, Universidad de Panama, June 27 and 28. Scientists at STRI are invited to attend and present papers. See details on the back.

RECENT PUBLICATION

"Sex Ratio Adjustments in Fig Wasps," by Edward Allen Herre, in SCIENCE, Vol. 228-4701, 17 May 1985, p. 896-898.

BIENVENIDA/WELCOME

EDNA CASTILLO, quien estará trabajando en el Departmanto de Contabilidad por 3 meses.

EDNA CASTILLO, who will work in Accounting for three months.

FELICITACIONES/CONGRATULATIONS

A ARTURO CARGILL, quien esta semana recibió su botón conmemorativo por 10 años de servicio a la Institución Smithsonian.

To ARTURO CARGILL, who this week received his pin for 10 years of service to the Smithsonian Institution.

UN MENSAJE ESPECIAL/A SPECIAL WISH

Durante la SEMANA DEL CONTABLE un mensaje de agradecimiento de parte del director y todos, a los miembros del Departamento de Contabilidad, por sus esfuerzos para mantener nuestros fondos y cuentas al día.

During ACCOUNTANTS WEEK a special thanks from the director and all of us, to the Accounting Department, for their daily efforts to keep STRI accounts in order.

MORE ON THE BACK

MESSAGE FROM FACILITIES MANAGEMENT

And the Lord said unto Noah: "Where is the ark which I have commanded thee to build?" And Noah said unto the Lord: "Verily, I have had three carpenters off ill. The wood supplier hath let me down --- yea, even though the wood hath been on order for nigh upon 12 months. What can I do, O Lord?" And God said unto Noah: "I want the ark finished even after seven days and seven nights." And Noah said, "It will be so." And it was not so. And the Lord said unto Noah: "What seemeth to be the trouble this time?" And Noah said unto the Lord: "Mine sub-contractor hath gone bankrupt. The pitch which Thou commandest me to put on the outside and on the inside of the ark has not arrived. The plumber hath gone on strike. Lord, I am undone." And the Lord grew angry and said: "And what about the animals, the male and the female of every sort that I ordered to come unto thee to keep their seed alive upon the face of the earth?" And Noah said unto the Lord: "They have been delivered to the wrong address but should arriveth on Friday." And the Lord said: "How about the unicorns, and the fowls of the air by sevens?" And Noah wrung his hands and wept, saying: "Lord, unicorns are a discontinued line; thou canst not get them for love or money. And it hath just been told unto me that the fowls of the air are sold only in half dozens. Lord, Lord, Thou knowest how it is." And the Lord in his wisdom said: "Noah, my son, I knowest. Why else dost thou think I have caused a flood to descend upon the earth?"

ERA-Journal of Eastern Region of the Royal Institute of
British Architects.

NEW LIBRARY BOOKS

- Bats: A natural history (Hill, J. E., 1984) QL 737 C5 H64 1984
Biology of chrysopidae (Canard, M., Semeria, Y., New, T. R., Eds., 1984)
QL 513 C5 B56 1984x
Comparative morphology of the inner ear in salamanders, Vol. 2 (Lombard, E.,
n.d.) QL 668 C2 L841
Dictionary of ecology, evolution and systematics (Lincoln, R., 1982)
REF QH 540.4 L56 1982x
Honey (Crane, E., Ed., 1975) SF 539 H66x
Insect population ecology (Varley, G. C., 1974) QL 496.15 V37 1974
Interactions between climate and biosphere (Progress in biometereology, v.3,
1984) QC 980 I55 1984x
Limnologia (Margalef, R., 1983) QH 96 M32 1983
List of North American recent mammals (Miller, G., 1955) QL 715 M66x
Mc Graw-Hill Encyclopedia of environmental science (Parker, S. P., Ed.,
1984x REF)
Morphological differentiation and adaptation in the Galapagos finches
(Bowman, R. I., 1961) QL 696 P246 B78 1961
Origins of modern humans: a world survey of the fossil evidence (Smith,
F.H. and Spencer, F., Eds., 1984) GN 281 O75 1984x
Phenomenon of man revisited: a biological viewpoint on Teilhard de Chardin
(Dodson, E. O., 1984) B 2430 T373 P59 1984x
Politics of reproductive ritual (Paige, K., 1982) GN 482.1 P34x 1981
Sexual interactions in plants. The role of specific substances in sexual
reproduction (Ender, H. van der, 1976) QK 827 E52x
Tides of the planet Earth (Melchior, P. J., 1983) QC 809 E2 M48 1983x
Vegetables in the tropics (Tindall, H. D., 1983) SB 320.43 T85 T58 1983
Vegetational and climatic history of the high plain of Bogota, Colombia
(Hooghiemstra, H., 1984) QK 265 H77 1984a
Vox new college Spanish and English dictionary (MacHale, C., Ed., 1984)
(REF PC 4640 V696 1984)
Wetland ecology (Etherington, J.R., 1983) QH 541.5 M3 E84

PRIMER SIMPOSIO NACIONAL DE FISILOGIA DE LA OSMORREGULACION

trocinadores:

Rectoría de la Universidad de Panamá
Vicerrectoría de Investigación y Postgrado
Escuela de Biología
Grupo de Fisiología y Comportamiento Animal
Asociación de Estudiantes de la Escuela de
Biología (UPADEB).
Comisión del Cincuentenario del Consejo
General Universitario.

Propósito:

Presentar contribuciones al conocimiento
de los procesos de adaptación osmótica en
invertebrados y vertebrados panameños, y
al mismo tiempo una síntesis coherente de
los avances realizados, en esta área del
conocimiento biológico.

PROGRAMA:

Incluye cuatro sesiones por día con el fin de
reportar nuevos hallazgos, métodos, aproximaciones
revisiones y progresos en el área desde 1980.

- a.- Osmorregulación en vertebrados
- b.- Mecanismo osmorregulatorio en teleosteos
- c.- Fisiología osmorregulatoria en molusca,
annelida y echinodermata
- d.- Osmorregulación en insecta
- e.- Avance en técnica de radioinmunoensayo
(RIA) para peces.
- f.- Avance en Citología pituitaria de teleos-
teos.

NOTA:

Oportunamente se dará a conocer el horario
correspondiente.

GENERALIDADES:

Los expositores deberán presentar a la organiza-
ción del Simposio un sumario de una extensión
no mayor de 100 palabras, a más tardar el día
29 de mayo de 1985. Cada expositor limitará
a 15 minutos su presentación seguido por un
período de preguntas y respuestas de 10 minutos
de duración.

REGISTRO:

El registro del Simposio se realizará el día
27 de junio de 1985 a las 8:00 a.m. en el
vestíbulo de la Biblioteca Simón Bolívar de
la Universidad de Panamá.

CORRESPONDENCIA:

Con respecto a la organización del Simposio

Dr. César P. Villarreal
Director
Escuela de Biología
Universidad de Panamá
Estafeta Universitaria
Panamá, Panamá
Teléfono : 6A-0582