

SEMINARS - ANCON CONFERENCE ROOM

Tuesday, December 13, the noon seminar speaker will be GISELLE MORA, STRI Noyes Fellow from the University of Florida.

Reproductive Behavior of a Harvestman with Paternal Care.

The extraordinary reproductive behavior of the harvestman Zygopachylus albomarginis is unique among arachnids. Males of this species guard eggs inside open mud nests which they build, take over, or occupy if abandoned. They maintain the nests for extended periods by removing fungus, repairing them when damaged, and guarding them from conspecifics and ants. Females wander on tree trunks and visit nests; they actively court the males, mate and oviposit inside the nests and then leave. Variability in the number of eggs that males guard throughout the breeding season is high. This system has not been described in detail before, and is the only case known of parental care in arachnids.

NEXT WEEK

No seminar scheduled for December 20. Anyone wanting to give a seminar, contact S. Rand or V. Vergel at Ancon.

ARRIVING

December 13 - January 2nd:  
MITCH AIDE, University of Utah, to study leaf longevity in the understory community of BCI.

December 14 - January 15:  
STEVE MULKEY to continue studies on BCI.

DEPARTURES

December 10 - December 14:  
LEONOR MOTTA, on official business to Washington, D.C.

NAOS NEWS

During John Christy's absence from December 8 - January 8, Haris Lessios will serve as Acting Assistant Director for Marine Research.

SCIENTIFIC STAFF MEETING

The monthly scientific staff meeting will be on Tuesday, December 13, at 9:30 a.m. in the Ancon Conference Room.

PROGRAM FOR FORTUNA GAMEWARDENS

From December 12 - 16, the IRHE gamewardens who work at the Fortuna Hydroelectric Dam will participate in a joint program with STRI gamewardens on BCI. They will also visit other STRI facilities (Ancon, Naos, Library).

FROM THE PERSONNEL OFFICE

Vielka Vergel will receive a 20 year Career Service Emblem. Vielka came to STRI in July 1968 to work at Naos Marine Lab.

We have received a small supply of Thrift Savings Plan Loan Program booklets. All interested eligible persons (federal employees who are in either the CSRS or FERS, and who have been working with the federal government since June 30, 1988 or before) may request a copy and application forms from C. Sucre.

ON LEAVE

NICOLAS ALMANZA Dec. 12 - Jan. 13.  
MIRNA FERNANDEZ Dec. 12 -16.  
ARCADIO RODANICHE Dec. 14 - 31.

NEW PUBLICATIONS BY STRI STAFF, FELLOWS AND RESEARCH ASSOCIATES

Tanaka, S., D.L. Denlinger, and H. Wolda. 1988. Seasonal Changes in the Photoperiodic Response Regulating Diapause in a Tropical Beetle, Stenotarsus rotundus. J. Insect Physiol. 34(12): 1135-1142.

FAREWELL FOR BOCANEGRA

On Friday, December 16, a farewell party will be given on BCI for Fausto Bocanegra who retired recently after 38 years at STRI. The JACANA will depart dredging at 1:30 p.m. and will leave BCI at 3:40 p.m. There will also be a later boat for those who wish to stay longer.

REMINDER FROM PROCUREMENT

Remember that Christmas gifts and cards should not be received via the APO mail but through the Panama mail system. Remind friends and relatives that you may be charged duty for gifts received.

TRAVEL GRANTS AVAILABLE

Travel grant are available for young scientists to attend the XXI International Ethological Conference in Utrecht, The Netherlands, 9-17 August, 1989. Funds are to support transportation costs for young U.S. scientists, defined as those who received their Ph.D. between 1984-1988 or will complete their Ph.D. in 1989. It is anticipated that grants will be awarded to 20-25 individuals.

Applications, can be made by submitting the following:

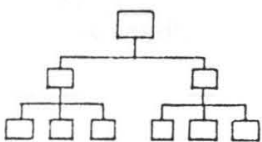
- (1) a 1-2 page curriculum vitae;
  - (2) the one-page abstract submitted for the IEC program;
  - (3) one or two letters of recommendation, for those who have not completed their Ph.D.
- It is desirable that the major professor include an assurance that the degree will be completed during 1989.

The deadline for applications is 9 January 1989. Awardees will be notified by March 1, 1989. The materials should be sent to: H. Jane Brockmann, Department of Zoology, University of Florida, Gainesville, FL 32611.

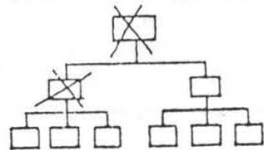
HUMOR

# ORGANIZATIONAL CHARTS

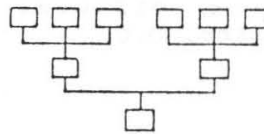
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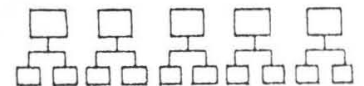
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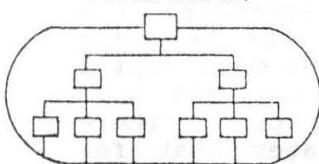
POLISH



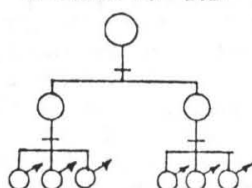
ITALIAN



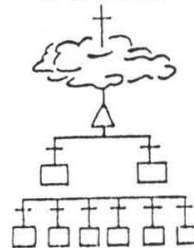
AMERICAN



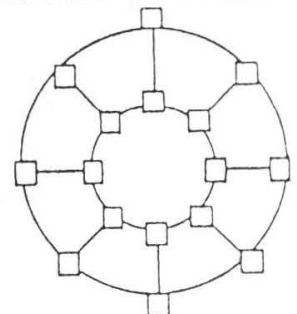
WOMEN'S LIB



VATICAN



UNITED NATIONS



VOLUNTEERS NEEDED

From end of December through end of January, a volunteer assistant is needed to set up mist nets, and assist with other aspects of study involving oriole plumage.

A volunteer is needed at Naos to clean specimens and do microscope work.

If interested in either opportunity, please contact the Education Office (tel. 62-2014).

AWARD

Thomas E. Lovejoy was awarded a prize by the Institute for Social Inventions of London for his suggestion that Western conservation groups redeem part of the debt of a Third World country, providing that the country designate funds for conserving a rainforest or similar area.

ON THE AIR

"River of Hawks" appeared on National Explorer last weekend and will be repeated this weekend on several cable channels. The video was made from an ultra-light plane by Robert Drew and Neal Smith in 1987 and features the hawk migrations over Panama.

ENDANGERED SPECIES POSTER

The endangered species poster produced by STRI and INRENARE was recently reprinted and will be distributed to schools and organizations throughout Panama.