

SEMINARS - ANCON CONFERENCE ROOM

The noon seminar on Tuesday, JANUARY 5 will be given by DAVID ZEH from the University of Arizona. His subject:

Of Ovipositors, Amnions and Eggshell Architecture: A Role for the Egg Stage in the Diversification of Terrestrial Arthropods.

ABSTRACT: Attributes of the egg stage have been largely overlooked in previous explanations of insect diversification. We propose that insect diversity is at least partially a consequence of a suite of egg-stage characters which reduced constraints on suitable sites for egg deposition, and enabled insect lineages to diversify into previously unavailable niches.

That afternoon at 4:30 p.m., EGBERT LEIGH will give the first of a series of talks on coevolution between male secondary sexual characters and female choice. The talk will analyze Kirkpatrick's Two-Locus Model.

NEXT WEEK

The noon seminar on Tuesday, January 12, will be given by JEREMY JACKSON. His title:

Short-term Effects of an Oil Spill.

ARRIVALS & DEPARTURES

January 2 - Arriving, JILLIAN GREGG, from the University of Utah, on a Short-term Fellowship to study the variation of winged leaf rachises in relation to environment in tropical plants. She will be on BCI until March 31.

January 3 - Arriving, A. NAKAZENO, to consult with Ross Robertson and visit the marine labs for 10 days.

January 3 - Arriving, JOE JERACI, to work with K. Milton. He will be on BCI until January 10.

January 4 - Arriving, ANTONIO BRACK-EGG, from the Universidad Nacional Daniel A. Carrion, Peru, on a Senior Sabbatical Fellowship to work on his book "Fauna del Peru, su Ecologia y Conservacion." He will be working in the STRI Library until March 31.

January 4 - Arriving, DAVID STERN, from Cornell University, to study the behavior and morphology of male Euglossine bees. He will be on BCI on a Short-term Fellowship from February 1 - May 31.

January 6 - Departing, JAMES KARR, to Philadelphia and Washington, D.C. on official business. He will also be attending the meeting of the La Selva Advisory Board in Costa Rica.

CALENDAR

January 1 - New Years. Holiday.  
January 9 - Dia de los Martires. Panamanian holiday.  
January 18 - Martin Luther King's Birthday. STRI holiday.

DELEGATION OF AUTHORITY

ALAN SMITH will serve as Acting Director January 4 - 8.

FROM THE PHOTO LAB

HELP! We need to photograph a flowering Balsa for the Tropical SITES Exhibit. Please call C. Hansen 62-2008 if you know of one.

BARRO COLORADO NATURE MONUMENT

J. Barria and Cabo A. Guardia captured two poachers at the Frijoles Train Station on December 26. One of the poachers had been captured previously on February 16 in an incident that was described in "La Estrella". He has yet to pay any fine from this earlier incident.

FUNDACION PA.NA.M.A.

La Fundación de Parques Nacionales y Medio Ambiente de Panamá es una organización cívica, sin fines de lucro, con personería jurídica y constituida por 30 asociaciones conservacionistas representativas de todas las regiones del país.

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Aquellos interesados pueden visitar o llamar a las oficinas en Bella Vista, Calle 43, No. 30  
Tels: 25-3676, 27-5370  
Apartado 6-6623  
El Dorado, Panamá

Categoría	Cuota Anual*	Beneficios
Estudiantes	\$ 5.00	Carnet, Charlas, Uso de Biblioteca.
Individual	\$ 15.00	Carnet, Charlas, Uso de Biblioteca, Boletín, Calcomanía de Socio.
Familiar	\$ 25.00	Carnet, Charlas, Uso de Biblioteca, Boletín, Calcomanía de Socio.
Institucional	\$200.00	Boletín, "objeto de arte", certificado de membresía.
Benefactor	\$500.00	Boletín, "objeto de arte", certificado de membresía.

LIBRARY NEWS

New books:

- AMPHIBIANS: GUIDELINES FOR THE BREEDING, CARE, AND MANAGEMENT OF LABORATORY ANIMALS; A REPORT(National Research Council,1974)SF407.A45B37STRI  
 ANIMAL CONFLICT(F. Huntingford,1987)QL758.5.H86STRI  
 BLOOD AND OTHER BODY FLUIDS(P.L. Altman, comp.,1961)QP88.A468STRIREF  
 BIBLIOGRAPHY OF THE AMERICAN ALLIGATOR(Alligator mississippiensis) (I. Lehr Brisbin, Jr et al,1986)Z7996.C74B58STRIREF  
 BUTTERFLIES OF THE NEOTROPICAL REGION. part 3(B.D'Abbrera,1986)fQL542.D116STRI  
 CULTURE MEDIA FOR MICROORGANISMS AND PLANTS.(M. Rechcigl, Jr editor,1977) CRC Handbook series in nutrition and food v.3 Diets,culture media, food supplements. QR66.3.C96STRIREF  
 CARABID BEETLES: THEIR ADAPTATIONS AND DYNAMICS: XVlllth International Congress of Entomology,Hamburg,1984(P.J. den Boer, et al,editors, 1986)QL596.C2155STRI  
 COLONIZATION,SUCCESSION, AND STABILITY: THE 26thSymposium of the British Ecological Society(A.J. Gray,M.J.Crawley and P.J. Edwards, editors, 1987)QH540.B75STRI  
 COMPARATIVE PRIMATE BIOLOGY. v.2 pt.B .BEHAVIOR, COGNITION, AND MOTIVATION (G.Mitchell, and J. Erwin, editors,1987) QL737.P9C577STRI  
 CONCISE ENCYCLOPEDIA OF BIOCHEMISTRY(T.Scott andM.Brewer , translated into English, revised and enlarged,1983) Translation of :Brockhaus ABC Bio- chemie. QD415.B713STRIREF  
 CORRESPONDENCE OF CHARLES DARWIN(F.Burkhardt and S. Smith,editors,1985- ) QH31.D2A33STRI  
 CRC HANDBOOK OF MEDICINAL HERBS(J.A.Duke,1985)QK99.A1D83STRIREF  
 DEVELOPMENT AS AN EVOLUTIONARY PROCESS.(R.A. Raff and E.C.Raff,editors, 1987)QH371.D48STRI  
 DIRECTORY OF DIRECTORIES(J.M.Ethridge and C.A. Marlow, editors,1988) AY2001.D598STRIREF  
 DIRECTORY OF SPECIAL LIBRARIES AND INFORMATION CENTERS.(M.L. Young,H.C. Young and A.T.Kruzas, editors,1988)Z731.D598STRI  
 ECOLOGICAL EFFECTS OF EUCALYPTUS(M.E.D.Poore and C.Fries,1985)qQK495.M9P82  
 ECOLOGICAL ENCYCLOPEDIA OF THE MARINE ANIMALS OF THE INDO-PACIFIC (S.Shirai,1986) v. 1 Vertebrata qQL137.S55 STRIREF  
 ENVIRONMENTAL ADAPTATION AND EVOLUTION: A THEORETICAL AND EMPIRICAL APPROACH (D. Mossakowski and G.Roth, editors,1982)QH359.E58 STRI  
 ENVIRONMENTAL BIOLOGY(P.L. Altman and D.S. Dittmer,comp and editors,1966) QH310.A46eSTRIREF  
 ESTUARINE ECOSYSTEMS: A SYSTEMS APPROACH(G.A.Knox,1986)QH541.5.E8K55STRI  
 FISHERIES OCEANOGRAPHY AND ECOLOGY(T.Laevastu and M.L.Hayes,1981) SH343.2.L15 STRI  
 FUNDAMENTALS OF PALAEOBOTANY(S.V. Meyen,1987)QE904.A1M612 1987STRI  
 GLOBAL BIO-EVENTS: A FIRST CRITICAL APPROACH(O.H.Walliser,1986)QE701.G56STRI  
 GROWTH INCLUDING REPRODUCTION AND MORPHOLOGICAL DEVELOPMENT(P.L. Altman, editor,1962)QH310.A46gSTRIREF  
 HANDBOOK OF PHYCOLOGICAL METHODS. 4 volume set (Sponsored by the Phycological Society of America, Inc,1973- ) QK565.2.H36STRI  
 v. 1 Culture methods and growth measurements edited by J.R. Stein,  
 2 Physiologica and biochemical methods edited by J.A.Hellebust and J. Craigie  
 3 Developmental and cytological methods  
 4 Ecological field methods edited by M.M. Littler  
 LEAF VENATION PATTERNS( E.P. Klucking, 1986) vol.2 Lauracea. QK649.K66 STRI  
 NATIONAL PARKS IN CALIFORNIA(D.G. Yeager,1959)F859.3.Y4xSTRI  
 ZUR OKOLOGIE DER ANDINEN PARAMOREGION(H.Sturm,1978)QH84.B615 STRI  
 PENAEID SHRIMPS, THEIR BIOLOGY AND MANAGEMENT; SELECTED PAPERS(J.A. Gulland and Brian J. Rothschild,1984)SH380.6.P39STRI  
 PHYTOCHROME AND PLANT GROWTH(R.E.Kendrick and B.Frankland,1983)2nd ed. QK899.K33 STRI  
 PLASTICITY IN PLANTS(D.H.Jennings and A.J. Trewavas,editors,1986) QK710.P715STRI  
 SILENT SPRING REVISITED(G.J. Marco,R.M.Hollingworth and W.Durham,1987) QH545.P4S55STRI  
 SPANISH CENTRAL AMERICA; A SOCIOECONOMIC HISTORY,1520-1720(M.J. MacLeod, 1984)reprint ed. HC141.M16STRI  
 STORM DEPOSITIONAL SYSTEMS: DYNAMIC STRATIGRAPHY IN MODERN AND ANCIENT SHALLOW MARINE SEQUENCES(T. Aigner,1985)QE571.A34STRI  
 VERTEBRATE REPRODUCTION: A TEXTBOOK(V.Blum,1986)QP251.B6613STRI

NEW JOURNAL

FUNCTIONAL ECOLOGY(British ecological society,editors,1987---)vol.1-

STRI MINI BOOKSTORE

Esta a la venta en el mini-bookstore de Tivoli la "Revista Panameña de Antropología" No.3, 1987. Precio: \$5.00.

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