



SEMINARS - ANCON CONFERENCE ROOM

The noon seminar on Tuesday, February 9th, will be given by STEPHEN MULKEY, University of Missouri.

Ecological interpretation of leaf carbon isotope ratios: influence of recycle carbon dioxide

ABSTRACT: Leaf carbon isotope composition has been shown to vary as a function of water use efficiency: Carbon 13 in air varies between the forest floor and the canopy and this results in leaf tissue with isotopic ratios similar to those predicted by variation in water use efficiency over this gradient.

NEXT WEEK:

On WEDNESDAY, February 17, PAUL EHRLICH, professor at Stanford University, will give two seminars:

At 12 noon:

Population biology of the Checkerspot butterfly: testing theory in the field

At 7:00 p.m.:

Population, Resources and Environment: Where do we stand now?

ARRIVALS & DEPARTURES

February 6 - Arriving, KEENAN SMART and PETER JONES, British Broadcasting Company, for a 3 day visit to BCI.

February 7 - Arriving, ROBERT STALLARD, Princeton University, to continue work on an investigation of the relationship between soil biochemistry and methane generation in Panamanian soils. He will be on BCI until February 28.

February 8 - Departing, JEREMY JACKSON, for official business in Washington, D.C., and to Boston to attend the meetings of the Association for the Advancement of Science (AAAS). He will return February 19.

February 9 - Departing, DAVID ROUBIK, to present an invited paper at the AAAS Meetings. He will return February 17.

February 10 - Arriving, PAUL EHRLICH, Stanford University, on a senior scholar visit. He will be here until February 18.

SCIENTIFIC STAFF MEETING

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

A TODOS LOS EMPLEADOS

Como en años anteriores, el martes de Carnaval no es un día feriado en STRI. Las personas que deseen tomar el día libre deben solicitarlo de antemano de sus vacaciones y recibir la aprobación de su supervisor.

Las oficinas de STRI permanecerán cerradas el lunes 15 de febrero (feriado oficial).

STRI BROCHURE RECEIVED AWARD

The brochure "The Barro Colorado Nature Monument" received an Award of Merit in the competition of the Washington, D.C., Chapter of the Society for Technical Communication. J.Wright, C. Hansen, G. de Alba, and J. Ventocilla collaborated with M. Jacobs to produce this brochure.

1987 PUBLICATIONS BY STRI STAFF, FELLOWS & RESEARCH ASSOCIATES

West-Eberhard, M.J. (Rapporteur) with J.W. Bradbury, N.B. Davies, P.H. Gouyon, P. Hammerstein, B. König, G.A. Parker, D.C. Queller, N. Sachser, T. Slagsvold, F. Trillmich and C. Vogel. 1987. Conflicts Between and Within the Sexes in Sexual Selection. IN SEXUAL SELECTION: TESTING THE ALTERNATIVES (J.W. Bradbury and M.B. Anderson, eds.), 180-195, John Wiley & Sons (Dahlem Konferenzen, 1987).

West-Eberhard, M.J. 1987. The Epigenetical Origins of Insect Sociality (J. Eder and H. Rembold, eds.) in CHEMISTRY AND BIOLOGY OF SOCIAL INSECTS, Verlag J. Peperny, Munchen.

ON LEAVE

CARL HANSEN - February 8 -19

FROM THE STRI MINI-BOOK STORE

A new book for sale:

DICCIONARIO ECOLOGICO ENERGETICO
ECUATORIANO - \$4.00

A PRACTICAL ASPECT OF ESOTERIC RESEARCH

Two compounds isolated from Omphalea diandra, the larval food plant of the moth Urania fulgens: DMDP and DNJ, inhibit the growth of the HIV-1 virus (read AIDS). DMDP and DNJ are non-toxic to vertebrates. But Neal Smith cautions that if anyone decides to eat the leaves of these vines located at Naos or Ancon, they will die as a result of other compounds in the leaves of these lovely plants.

CORRECTION

Last weeks remembrances from the past were from circa 1958 not 1968.

FREE

One large Vanilla Vine (or parts thereof) for someone with large patio available. N. Smith, Ancon.

EDITORIAL NOTE

A longer version of the NEWSLETTER will appear every last week of the month. News from all facilities is requested. Send information to A. Roman.

LIBRARY NEWS

New books:

- ANELIDOS POLIQUETOS DE CHILE: INDICE SINONIMICO Y DISTRIBUCION GEOGRAFICA DE ESPECIES(N. Rozbaczylo,1985) Monografias biologicas;no.3
QL391.A6R89 STRI
- ANIMAL BEHAVIOR: A CONCISE INTRODUCTION(M. Ridley,1986)QL751.R54 STRI
- ARQUEOLOGIA DE COLOMBIA: UN TEXTO INTRODUCTORIO(G. Reichel-Dolmatoff,1986)
F2269.R34a STRI
- ASSESSMENT OF THE STATE OF THE ESTUARIES OF THE CAPE AND NATAL IN1985/86
(A.E.F. Heydorn, editor,1986)qQH541.5.E8A84 STRI
- ATTACIDAE AMERICAINS: THE ATTACIDAE OF AMERICA: SATURNIIDAE(C. Lemaire,1978-
qQL561.S2L54 STRI
- BASIC ANIMAL NUTRITION AND FEEDING 2nd edition(D.C. Church and W.G. Pond,
1982)SF95.C47 STRI
- BIOLOGY OF MARINE FUNGI(S.T. Moss, editor,1986)QK618.B56 STRI
- BLUE WATER DIVING GUIDELINES(J.N. Heine,1986)GV840.S78B65 STRI
- BUTTERFLIES OF THE AMERICAN TROPICS,THE GENUS ANAEA LEPIDOPTERA NYMPHALIDE:
A STUDY...(W.P.Comstock,1961)qQL561.N9C6 STRI
- EL CANAL DE PANAMA: ASPECTOS HISTORICOS E INGENIERILES(J.O. Noriega,1982)
HE537.N84 STRI
- CELL SURFACE IN PLANT GROWTH AND DEVELOPMENT: PROCEEDINGS OF THE SIXTH
JOHN INNES SYMPOSIUM...(K. Roberts...et al. editors,1985)QK725.J65STR
- CONSERVACION Y MANEJO DE LA FAUNA SILVESTRE EN LATINOAMERICA(P.G Aguilar,
editor,1986)QL81.5.C74STR
- CONSERVATION PRIORITIES IN LOWLAND REGIONS OF THE FYNBOS BIOME(M.L. Jarman,
editor,1986)South African national programmes report;no.87
qQH541.5.S55C74 STRI
- CONTROL Y MANEJO DE LOS DESECHOS DEL BENEFICIADO DE CAFE EN LA CUENCA DEL
RIO CALDERA(A. Canto,1983)TD899.C592C23 STRI
- DESCRIPTION OF THE KAROO BIOME PROJECT(R.M.Cowling,1986)South African
national scientific programmes report; no.122 qQh541.5.A74C87 STRI
- DISCRETE MULTIVARIATE ANALYSIS: THEORY AND PRACTICE(Y.M.M.Bishop,S.E.
Feinberg and P.W. Holland,1975)QA278.B57 STRI
- ECOLOGICAL RESEARCH ON SOUTH AFRICAN RIVERS: A PRELIMINARY SYNTHESIS(J.H.
O'Keefe,1986)South African national scientific programmes report;
no.121 qQH541.5.S704 STRI
- ECOLOGIC-SOCIOECONOMIC SYSTEM ANALYSIS AND SIMULATION: A GUIDE FOR APPLICAT-
ION OF SYSTEM ANALYSIS TO THE CONSERVATION,UTILIZATION AND DEVELOP-
MENT OF TROPICAL AND SUBTROPICAL LAND RESOURCES IN CHINA(E.F. Brueing
...et al, 1986?)QH541.5.F6E17 STRI
- ENCYCLOPEDIA OF FERNS: AN INTRODUCTION TO FERNS,THEIR STRUCTURE,BIOLOGY,
ECONOMIC IMPORTANCE,CULTIVATION, AND PROPAGATION(D.L. Jones,1987-)
SB429.J66 STRI
- FORCES OF NATURE (P.C.W. Davies,1986) 2nd edition QC793.3.B5D38 STRI
- FOREST HYDROLOGY AND ECOLOGY AT COWEETA(W.T.Swank and D.A. Crossley, Jr.
editors,1988)GB705.N8F67 STRI
- FORM AND FUNCTION: A CONTRIBUTION TO THE HISTORY OF ANIMAL MORPHOLOGY
(E.S. Russell,1982) QL799.R8 Originally published in 1916
- FROGFISHES OF THE WORLD:SYSTEMATICS,ZOOGEOGRAPHY AND BEHAVIORAL ECOLOGY
(T.W.Pietsch,1987)QL638.A577P54 STRI
- GLOSSARY OF INSECT REARING TERMS(M.D.Ashby,1987)SF518.A82 STRIREF
- IMMUNE MECHANISMS IN INVERTEBRATE VECTORS: PROCEEDINGS OF A SYMPOSIUM...
(A.M.Lackie, editor,1986)Symposia of the Zoological Society of London;
no.56 QR185.3.I33 STRI
- JAMES SMITHSON AND THE SMITHSONIAN STORY(L. Carmichael and J.C. Long,1965)
Q11.S6C28 STRI
- KAROO BIOME, A PRELIMINARY SYNTHESIS.PART 1,PHYSICAL ENVIRONMENT(R.M. Cowling,
P.W.Roux and A.J.H. Pieterse, editors,1986)South African national
scientific programmes report; no. 124 qQH541.5.A74K18 STRI

Also just arrived

ADVANCES IN GENETICS. VOLUME 24.MOLECULAR GENETICS OF DEVELOPMENT EDITED
BY JOHN G. SCANDALIOS., 1987