

STRI newsletter

May 22, 1992

SMITHSONIAN TROPICAL RESEARCH INSTITUTE - Apartado 2072, Balboa, Panamá

No. 21

TUPPER CENTER SEMINARS

Tuesday, May 26, noon seminar speaker will be Thelma Rowell, University of California at Berkeley.

Blue monkey mating— promiscuous or choosy? It depends on the time scale.

Next Week

Tuesday, June 2, noon seminar speaker will be Thelma Rowell, University of California at Berkeley.

Mutualistic, selfish and other interpretations of social behavior

PEOPLE

Arrivals

Diego Lombeida, Pontificia Universidad Católica del Ecuador, May 22-Aug 22, Exxon assistant to Stanley Rand with the Tungara frog project.

- Thelma Rowell, Univ. of California at Berkeley, May 24-Jun 3, to visit STRI, consult with colleagues and present seminars.
- Michael Lang, Smithsonian diving officer, May 27-Jun 5, to conduct interviews for new STRI diving officer and to participate in research trip to San Blas.

Departures

- Robin Foster, STRI scientist, May 22-Jan 1993, to Peru and Bolivia to continue botanical research in South America, and then to Chicago.
- Ira Rubinoff, STRI director, May 26-30, to Maryland to attend the National Conference on the National Institutes for the Environment (NIE).

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Diomedes Quintero and Annette Aiello, STRI research associates, celebrate the arrival of the first copy of the book Insects of Panama and Mesoamerica: Selected Studies, edited by the two of them and soon to be released by Oxford University Press, England ••• Diomedes Quintero y Annette Aiello celebran la llegada de la primera copia del libro que ambos editaron Insects of Panama and Mesoamerica: Selected Studies, el cual será puesto en circulación próximamente por el Oxford University Press de Inglaterra.

(Foto: M.A. Guerra)

Congratulations

To Gloria Maggiori on the birth of her granddaughter Monica Isabel, born on May 14. She weighed 6 lbs. 2 ozs. Congratulations to the grandmother and to the proud parents Gloria Elisa and Ramon Vallarino.

THINGS YOU SHOULD KNOW

STRI Holiday ••• *Día Feriado*

Monday, May 25, we celebrate Memorial Day, a STRI holiday ••• *El lunes, 25 de mayo, es un día libre para los empleados de STRI.*

Attention Tupper Users

No paper will be available in the Tupper Lounge photocopier on weekends; users will need to provide your own paper.

Important Mailing Instructions

- All "express mail" should only be used for official purposes and/or emergencies. Envelopes should have an accompanying note from the requestor specifying either official or the account number to be charged.
- Envelopes must be properly sealed and sender's name placed on the return address. Do not use franked envelopes and labels for personal correspondence and packages.
- Packages must be wrapped and precise instructions on methods of shipment must be given. Please fill out post office instruction form available with your facilities secretary. Custom declaration's labels must be completely filled out and glued on the package. Failure in proper packaging and labeling will result in the parcel returned to the sender and in a delay in mailing.

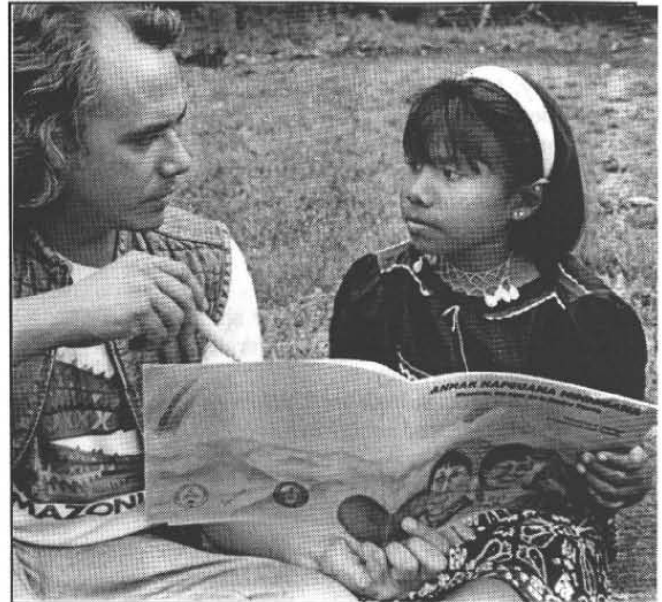
STRI New Publications

- Colinvaux, Paul. 1992. The World's Genetic Libraries. *Nature* 356: 625-626.
- Dudley, Robert and G.J. Vermeij. 1992. Do the Power Requirements of Flapping Flight Constrain Folivory in Flying Animals? *Functional Ecology* 6: 101-104.
- Jung, Iris and Klaus Winter. 1992. Mineral Nutrient Deficiency Increases the Sensitivity of Photosynthesis to Sulphur Dioxide in Needles of a Coniferous Tree *Abies nordmanniana*. *Oecologia* 90: 70-73.

At Tupper

- Tues, May 26 ■ Marine Issues Meeting, Large Meeting Room, 10:30 am-12:00
 ■ Behavioral Discussion Group, Meeting Room, 4-7 pm
- Wed, May 27 ■ Amigos de la Biblioteca Meeting, Small Meeting Room 9-11 am
 ■ Panama Canal College Board Meeting, Large Meeting Room, 4:30-6:30 pm
- Thur, May 28 ■ Fundación Natura Meeting, Large Meeting Room, 4:30-6:30 pm

For Your Information—	
Your newsletter has the following distribution:	
STRI Facilities	200
Local Panamanian Organizations	30
Related Offices within the Smithsonian Institution in Washington, D.C.	32
TOTAL	262



Jorge Ventocilla, STRI Office of Education and Conservation, shows coloring book to Kuna child ••• Jorge Ventocilla de la Oficina de Educación y Conservación de STRI muestra libro de colorear a niña Kuna. (Foto: M.A. Guerra)

Hace más de 3 años y en la penumbra de la *onmaket nega* (casa del Congreso) de Cangandi, Jorge Ventocilla ofreció a los Kunas "devolverles la información", ya que iniciaba su estudio de campo sobre cacería y subsistencia en el área.

En 1991 diseño, junto con el pintor indígena Ologuagdi, el libro de colorear para niños sobre fauna silvestre de la Comarca. La publicación del mismo contó con el apoyo del Ministerio de Educación por medio de su Oficina de Educación Ambiental y de su Programa de Alfabetización-BID; 2,200 ejemplares se distribuyeron en las escuelas de la Comarca con un mensaje a cada niño pidiendo que pintaran su entorno o su vida cotidiana.

En STRI recibimos más de 200 dibujos acompañados por su texto; los niños nos hablan de sus cocos, de sus aves, de nubes, del trabajo de sus padres en la tierra firme y en el mar. Ahora se han seleccionado 35 ganadores a los cuales se les enviará un premio por correo. Cada concursante, maestro y sáhila de las 8 comunidades participantes recibirá una carta de agradecimiento.

La WWF-Centroamérica ha aportado los fondos para una segunda edición del libro, así que seguiremos haciendo intercambio de dibujos con los niños de Kuna Yala. Lo que muestran estos niños en sus dibujos y textos está ayudándonos a mejorar la calidad y efectividad de nuestros proyectos de educación ambiental en Kuna Yala. Además estamos trabajando en conjunto con los Kunas, nuestros anfitriones en la estación marina de San Blas.



The Kuna painter and cacique Ologuagdi observes how Kuna children paint his drawings of wildlife ••• El pintor y cacique Kuna Ologuagdi observa a niños Kuna colorear sus dibujos de animales.
(Foto: M.A. Guerra)

More than 3 years ago in the shade of the *onmaket nega* or congress house in Cangandi, Jorge Ventocilla offered the Kunas to "give them back the information", which he would compile during his research on subsistence hunting and other activities in the area.

In 1991 he designed, together with Kuna Indian painter Ologuagdi, a children's coloring book on the wildlife of the *Kuna Yala Comarca*. The Ministry of Education, through its Office of Environmental Education and its Literacy Program-IDB, collaborated with the publication; 2,200 books were distributed to the *Comarca* schools with a message requesting that the children send in representative drawings of their own environment.

STRI received more than 200 drawings with text; the children wrote of their coconut trees, their birds, clouds and the work of their parents on the mainland and in the sea. Thirty-five winners were chosen and will receive prizes. Each participant, teacher and community leader will also receive a thank-you letter.

The WWF-Central America has given funds for reprinting the coloring book so the interchange of drawings with the Kuna children will continue. The information these children give us in their drawings and writings is of great help in improving the quality and effectiveness of our environmental education projects in Kuna Yala. It is one way of working jointly with the hosts of the STRI marine station in San Blas.

SYMPOSIUM

Nature and Botanical Gardens in the 21th Century
International Colloquium, June 2-4 1993, Centre International de Conférences de Geneve (CICG). The organization of this colloquium forms part of a group of activities being undertaken by the Geneva Botanical Conservatory and Botanical Garden (CJB) to meet new challenges in the world of botany at the close of this century.

The programme will be comprised of four sessions covering the following topics— Nature conservation: the role of botanical gardens; Management and resources of botanical gardens; Educational and management of visitors; Designing and landscaping in botanical gardens.

For more information: Intercongress, Rte des Acacias 54bis, CH - 1211 Geneve 26, Tel. (41/22) 43 51 79, Fax: (41/22) 43 00 86.

CULTURAL EVENTS

Concert

Everyone is invited to a classical concert on Sunday, May 24, to benefit the earthquake victims in Bocas del Toro. Instrumental and vocal music (songs, duets, chorus and chamber music) by Purcell, Haydn, Beethoven, Mendelssohn. Will feature Lizzy Leigh as vocalist.

Place: St. Christophers Auditorium, Calle 11, Parque Lefevre

Time: 4 pm

Entrance fee: \$5

Theatre

The Pacific Theatre Arts Centre presents Chicago a Musical Vaudeville

Directors: JoAnne Mitchell & Jerry Brees

Date: May 7-30

Place: Pacific Theatre Arts Centre, Curundu, Panama.

Opera Theatre

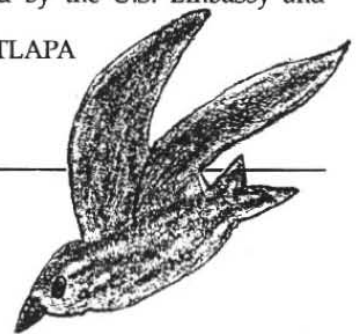
The Skylight Opera Theatre of Milwaukee presents *Broadway Cabaret*, sponsored by the U.S. Embassy and INAC.

Place: La Huaca Theatre, ATLAPA

Date: May 30-31

Time: 8 pm

Price: \$10



*A swallow drawn by Mireya Perez Silva •••
El dibujo de una golondrina por Mireya Pérez Silva*

STRI NEW BOOKLIST

- Amazon watershed : the new environmental investigation / by George Monbiot.
SD418.3.A53M73 1991 STRI.
- The Behaviour and physiology of bees / edited by Lesley J. Goodman and Roderick C. Fisher.
SF521.2.B41 1991 STRI.
- The Biology of vines / edited by Francis E. Putz and Harold A. Mooney.
QK773.B58 1991X STRI.
- The Butterflies of Kenya and their natural history / Torben B. Larsen.
QL557.K4L37 1991X STRI.
- A Dictionary of archaeo-zoology / K. Krishna Murthy, K. Padmanabha.
CC79.5.A5K75 1990X STRI.
- Ecology and palaeoecology of benthic foraminifera / John W. Murray.
QL368.F6M83 1991X STRI.
- Estudio integrado de los recursos vegetación, suelo y agua en la reserva de la biosfera de Mapimí / Carlos Montaña (editor).
QH107.E79 1988 STRI.
- Individual development and evolution : the genesis of novel behavior / Gilbert Gottlieb.
QH438.5.G68 1992X STRI.
- Insect accessory reproductive structures : function, structures, and development / M.S. Kaulenas.
QL494.K38 1992X STRI.
- A Laboratory guide for cellular and molecular plant biology / edited by I. Negrutiu, G.B. Gahrti-Chhetri.
QK725.L22 1991X STRI.
- Living in a patchy environment / edited by Bryan Shorrocks and Ian R. Swingland.
QH352.L58 1990X STRI.
- Malaysian trees in colour / Chin Hoong Fong, Ivan C. Enock.
QK490.M3C53 1988 STRI.
- Meant to be wild : the struggle to save endangered species through captive breeding / Jan DeBlieu.
QL83.4.D43 1991X STRI.
- Microbial ecology of leaves / John H. Andrews, Susan S. Hirano, editors.
QR351.M43 1991X STRI.
- New World parrots in crisis : solutions from conservation biology / editors, Steven R. Belssinger and Noel F.R. Snyder.
QL696.P7N49 1992X STRI.
- Of mind blood : kinship and history in Peruvian Amazonia / Peter Gow.
F3429.1.U78G68 1991X STRI.
- Paleoshorelines and prehistory : an investigation of method / edited by Lucille Lewis Johnson.
GN784.P35 1991X STRI.
- Pollution in tropical aquatic systems / editors, Des W. Connell, Darryl W. Hawker.
QH545.W3P65 1992X STRI.
- Prehistoric Mesoamerica / by Richard E.W. Adams.
F1219.A22 1991X STRI.
- A Reclassification of the European Tetrastichinae (Hymenoptera Eulophidae) revision of the remaining genera / by M.W.R. de V. Graham.
QL568.E8G74 1991 STRI.
- Soils of the tropics : properties and appraisal / Armand Van Wambeke.
S599.9.T76W36 1992X STRI.
- Methods in Microbiology, v.24, 1992 : Techniques for the Study of Mycorrhiza / edited by JR Norris [et al.].
- Phytopathology NEWS, v.26 (1-5), 1992.

From: 365 Ways to Save our Planet
• Page-a-Day Calendar •

Advice for new construction in Panama City...

A young, vigorous tree need not necessarily be cut if it's in the way of new construction. With modern tree-moving equipment, you can lift desirable specimens and transplant them to other locations. Professional advice is in order here—talk to landscapers or tree surgeons.