

SEMINARS = ANCON CONFERENCE ROOM

The noon seminar on WEDNESDAY, DECEMBER 9, will be given by DAGMAR WERNER and LINDIE NELSON (Cornell University). Their subject:

Different Models of Iguana Management and Economic Implications.

ABSTRACT: Research in the Iguana Management Project (IMP) has provided the basis for sound biological and technical management of iguanas. Economic and social considerations of alternative management models will be discussed.

NEXT WEEK

The noon seminar on Tuesday, December 15, will be given by ANDREW PULLIN from the University of Leeds. He will speak on:

Butterflies on Nettles.

That evening at 7 p.m., HARIS LESSIOS will give the staff seminar on "Mass Mortality and Subsequent Population Dynamics of Diadema antillarum.

ARRIVALS & DEPARTURES

Arrived last week, WENDY TOWNSEND, to train and supervise students in the Iguana Management Program.

December 5 - Arriving, JOSEPH YAVITT, from W. Virginia University, to do soil nutrient studies. KELMAN WIEDER, a collaborator from Villanova University, arrives December 7. They will be on BCI until December 12.

December 7 - Departing, NANCY KNOWLTON, to St. Croix until December 11 for meetings on coral bleaching.

December 10 - Arriving, DAVID SHAW, from the University of California, Davis, to work with Anita Hayworth.

December 11 - Arriving, DONALD HODEL, from the University of California at Los Angeles, to work on a manual of the genus Chamaedorea palmae. He will be at Tivoli for 10 days.

DONACIONES DE NAVIDAD / CHRISTMAS DONATIONS

Los guardabosques de BCI estan solicitando donaciones de ropa usada, juguetes, etc. para la fiesta de navidad de la comunidad de Las Pavas. Favor enviar a Maritza en BCI antes del miercoles, 9 de diciembre.

(continued)

Donations of used clothing, toys, etc. requested for the Las Pavas Christmas Party annually organized by the gamewardens. Please send to Maritza at BCI before Wednesday, December 9.

CALENDAR

| DECEMBER 1987 | | | | | | |
|---------------|----|----|----|----|----|----|
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| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | 31 | | |

December 8 - Mother's Day is a STRI holiday and a national holiday in Panama.

December 15 - Monthly Scientific Staff Meeting.

December 22 - Declaration of the Portobelo National Park in 1977.

December 25 - Christmas Holiday.

NEW JOB OPENING / NUEVA POSICION

Se busca un Especialista en Seguridad y Proteccion. La persona supervisara la seguridad y proteccion de todas las instalaciones del Instituto; administrara programas de seguridad, proteccion e incendio; supervisara el cuerpo de seguridad del Monumento Natural de Barro Colorado. Aquellos interesados favor enviar CV al Departamento de Personal de STRI.

New position as Security and Safety Specialist at STRI. Person will be responsible for supervising security and protection of STRI facilities; administering programs in security and safety management and fire protection; supervising the security force of the Barro Colorado Nature Monument. Send CV or SF171 to Personnel Dept at STRI.

FROM THE EXECUTIVE OFFICER

A limited number of APO stamps for official correspondence is now available for sale with your facility secretary. A stamp charge will only be kept for San Blas visitors.

FOR SALE

-Kenmore 12-Stitch Sewing Machine \$ 250
-Datavue 25, 1.25M byte Portable Computer, two 5 1/4 DD \$1500
-16mm Movie Projector \$ 50
-Bolex 280 MacroZoom Super 8mm Camera \$ 50
If interested call Don Windsor at 62-2009/2008.

LIBRARY NEWS

The Library will be closed on Friday, December 4th, at 4 p.m. for fumigation, and will reopen on Monday, December 7th, at 8 a.m.

NEW TRANSLATION SERVICE

New volunteer group has been active in providing needed translations in almost thirty languages. The service is fast and free. The user must get in touch with the BEHIND THE SCENES TRANSLATION SERVICE SECTION at the Smithsonian (Tel: 357-2987). You may write for a project description form to be completed and submitted with the material to be translated (VIARC, Smithsonian Institution, 1000 Jefferson Drive SW, Washington, D.C. 20560).

ASSISTANTS AVAILABLE

MARIA VITTORIA OCCHI, BS in biology from Boston College, is looking for a position as biological assistant. She is fully trilingual in English, Spanish, Greek, competent in French. (Tel: 64-4179.)

IRVING RODRIGUEZ (tel: 67-7878) is studying to be a meteorological technician at the University of Panama. He would like to volunteer his services to anyone at STRI.

GRANTS AND FELLOWSHIPS

THE CONSERVATION FOUNDATION, a non-profit, nonpartisan environmental policy research organization, plans to appoint four junior-level Research Fellows for one year beginning September 1988. Application deadline is February 19, 1988. For information packet write Ms. Jo Bloom, The Conservation Foundation, 1250 Twenty-Fourth St. NW, Washington, DC 20037.

THE MARY INGRAHAM BUNTING INSTITUTE OF RADCLIFFE COLLEGE (34 Concord Avenue, Cambridge, MA 02138) offers postdoctoral research fellowships for women scholars, scientists, artists and writers. The Science Scholars Fellowship Program offers a one or two-year appointment to women scientists with receipt of doctorate at least two years prior to appointment. Application deadline October 1, 1988.

CONSERVATION NEWS

The Jessie Smith Noyes Foundation recently awarded a 3-year grant to Wildlife Conservation International to launch a new small grants program for conservation scientists in developing countries, which will provide grants to promising Third World biologists who have recently obtained advanced degrees abroad.

CONGRESS/ SYMPOSIA/ COURSES

Congreso Iberoamericano y del Caribe de la Pesca y la Acuicultura....
Isla de Margarita, Venezuela
May 8-14, 1988

Curso de Principios Ecologicos para la Toma de Decisiones y el Manejo de los Recursos Naturales en America Latina.
OTS, Costa Rica
Abril 10 - 30, 1988

SOLICITUD DE ARTICULOS

La Asociacion Nacional para la Conservacion de la Naturaleza (ANCON) invita a enviar articulos para publicacion en su Boletin Informativo Trimestral de enero 1988. El tema debe tratar sobre la herencia natural de Panama y la necesidad de conservarla. Enviar a Boletin Informativo, ANCON, Apartado 1387, Zona 1, Panama.

NEW STRI FELLOWSHIPS ASSISTANTSHIPS

Short-term Fellowships

ROBERT SRYGLEY, University of Texas at Austin, will be studying the "Association of Flight Behavior, Thermal Biology, and Palatability in the Heliconiinae" on BCI from Dec 1987 - March 1988.

AMANDA VARELA, Universidad de los Andes, Colombia, will study the "Community Structure of the Microflora that Decomposes Litter" on BCI from Dec 1987 - March 1988.

Noyes Fellowship

ETHEL VILLALOBOS, University of California, Los Angeles, will continue her study in Costa Rica on "Variation in Provisioning Tactics Among Female Stictia heros from January - June 1988.

Exxon Fellowship

PLINIO GONDOLA, Universidade do Rio Grande, Brasil, will work on the "Distribution and Reproductive Behavior of Atherinids in the Bay of Panama" from January-March 1988.

Exxon Assistantships

ALEJANDRO FARJI, University of Buenos Aires, Argentina will work with David Roubik from Dec 1987 - March 1988 at Ancon.

Tania Sanaiotti, Instituto Nacional de Pesquisas de Amazonia, Brazil, will work with Kathryn Sieving from Jan - Feb 1988 on BCI.

CHRISTMAS SHOPPING REMINDER!!

Books and t-shirts are waiting for you at the TIVOLI mini-bookstore as Christmas gifts. The mini-shop is open from 8 a.m. - 4p.m. SEE LIST OF ITEMS BELOW. The mini-bookstore is also now selling the pamphlet "Bosquejo Historico del Cultivo del Banano en la Provincia de Bocas del Toro (1890-1980)" by Clyde Stephens for \$1.25

Bonitos regalos de Navidad como libros y camisetas los esperan en la mini-tienda de TIVOLI. La mini-tienda esta abierta de lunes a viernes de 8 a.m. a 4 p.m. VER LISTA DE ARTICULOS EN VENTA ABAJO.

| MINI BOOK STORE | | | |
|---|-------|--|-------|
| A Guide to the Birds of Colombia | 50.00 | The National Museum of American History | 46.00 |
| A Guide to the Birds of Panama | 45.00 | The New World Primates | 27.50 |
| A Guide to the Birds of South America | 13.00 | The Orchids of Panama | 7.25 |
| A Zoo for all Seasons | 18.90 | The Orchids - R. Dressler | 27.50 |
| Aditi-The Living Arts of India | 11.00 | Population, Biology & Evolution of Clonal Organisms | 36.50 |
| Adaptive Radiation in Prehistoric Panama | 24.60 | The Primary Source | 22.90 |
| Agonia de la Naturaleza | 6.00 | Proceedings IX Intl. Arachnology Congress | 25.00 |
| Airlines of Latin America | 47.50 | Recent Developments in Isthmian Archaeology: Advances in the Prehistory of Lower Central America | 32.00 |
| Animal Extinctions | 8.00 | Sexual Selection and Animal Genitalia | 28.00 |
| The American Land | 20.00 | Social Evolution, by Robert Trivers | 25.00 |
| Barro Colorado Island Guide/A day on BCI | 3.00 | Space, Time, Infinity | 23.50 |
| The Behavior of Natural History of the Caribbean Reef | 26.90 | The Tanagers | 50.00 |
| The Birds of the Rep. of Panama | 29.50 | Tropical Nature | 24.00 |
| The Botany and Natural History of Panama | 29.50 | The Tungara Frog | 16.65 |
| Butterflies of Costa Rica | 16.50 | The Whalebone Whales of the Western North Atlantic | 25.00 |
| Colonización y Destrucción de Bosques en Panamá | 5.00 | The Wonderful World of Succulents | 35.00 |
| Coloring Books, Sports, Mammals, Dinosaurs, Gowns | 2.95 | The Winter Exploitation Systems of Bay Breasted and Chestnut-sided Warblers in Panama | 10.00 |
| Communication & Non-Communication by Cephalopods | 32.50 | | |
| Coral and Coral Reefs of Galapagos Islands | 28.00 | | |
| Costa Rican Natural History | 38.95 | | |
| Cuando se Acaban Los Montes | 3.90 | | |
| Cuenca del Canal (set) | 5.00 | | |
| The Ecology of a Tropical Forest | 25.00 | | |
| The Ecology of Arboreal Folivores | 41.20 | | |
| Elementos de la Fauna Panameña | 14.00 | | |
| Estudio sobre el Grupo Etnográfico del Grupo Teribe | 6.00 | | |
| Evolución en los Trópicos | 5.00 | | |
| The Evolution & Ecology of Armadillos, Sloths & Vermilinguas | 45.00 | | |
| Fire of Life | 23.50 | | |
| Foraging Strategy of Howler Monkeys | 27.50 | | |
| Flora of B.C.I. | 79.95 | | |
| Flora of Japan | 58.00 | | |
| Flying Squirrels | 18.00 | | |
| The Gem Collection | 7.00 | | |
| Guía de los Arboles Comunes del Parque Nac. Soberanía | 2.00 | | |
| Geographic Variation in Social Behavior and in adaptations to Com. among Andean Birds | 22.25 | | |
| Hombres y Ecología | 4.75 | | |
| In the Rainforest | 21.00 | | |
| Iguanas of the World | 60.90 | | |
| Insects & Mites- Techniques for Collection & Preservation | 6.00 | | |
| The Joys of Research | 8.00 | | |
| Jungles | 30.00 | | |
| The Kuna Gathering | 36.00 | | |
| Mapa de Panamá | 4.25 | | |

T-SHIRTS

SIZES: small, medium, large, X-large

PRICE: \$6.25 adult

COLOR: BCI Howler Monkey: blue, yellow, white
BCI Tapir: yellow, beige, white

Naos Sea Snake: yellow, blue

STRI Logo: white

Guacamaya (Macaw): yellow, beige, white

Panameño Conserve su Ambiente: Size #32 & #34

PRICE: \$5.25

CAPS

PRICE: \$4.25

ONE SIZE FITS ALL

NEW BCI LAUNCH / NUEVA LANCHA DE BCI

The new boat schedule for the new and old boat is shown below. The new launch is highly welcome since it cuts travelling time in half or more. The old launch will continue to be used on weekends.

There is no winner for the name contest since the official name chosen, JACANA, was not suggested by any contestant. It was great to see that many persons were interested, though. A large number of possible names were submitted.

Abajo se encuentra el nuevo horario para las lanchas de BCI. La lancha nueva es bienvenida ya que reduce el tiempo que dura el viaje por mitad. La lancha vieja se seguira usando los fines de semana.

No hubo ganador para el concurso de nombrar la lancha. El nombre oficial escogida, JACANA, no fue propuesta por ningun concursante. Sin embargo fue muy gratificante observar que hubo mucho interes en el concurso; se recibieron un gran numero de propuestas.

REVISED 11/25/87
EFFECTIVE 11/30/87

| GAMBOA BUS SCHEDULE (LUNES A VIERNES) (MONDAY-THRU-FRIDAY) | | BARRO COLORADO ISLAND BOAT SCHEDULE (LUNES & VIERNES) (MONDAY THRU FRIDAY) | | | |
|--|------------------------------|--|------------------|--------------------|-----------|
| 1 | | | | | |
| 2 | LV PANAMA ARR GAMBOA | LV BCI | ARR GAMBOA | LV GAMBOA | ARR BCI |
| 3 | | | | | |
| 4 | 6:05a.m. 6:55a.m. | 6:30 a.m. | 7:00 a.m. | 7:25 a.m. | 8:00 a.m. |
| 5 | 6:30a.m. 7:20a.m. | | | | |
| 6 | 4:05p.m. 4:55p.m. | 4:00 p.m. | 4:30 p.m. | 5:05 p.m. | 5:35 p.m. |
| 7 | | | | | |
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| 9 | | | | | |
| 10 | (SATURDAY) (SABADO) | | (SATURDAY) | (SABADO) | |
| 11 | | | | | |
| 12 | 7:45a.m. 8:35a.m. | 7:15 a.m. | 8:30 a.m. | 8:40 a.m. | 9:55 a.m. |
| 13 | 3:25p.m. 4:15p.m. | 3:00 p.m. | 4:15 p.m. | 4:20 p.m. | 5:35 p.m. |
| 14 | | | | | |
| 15 | | | | | |
| 16 | | | | | |
| 17 | (SUNDAY & NATIONAL HOLIDAYS) | | (SUNDAY) DOMINGO | Y FERIADO NACIONAL | |
| 18 | | | | | |
| 19 | 6:50a.m. 7:40a.m. | 6:15 a.m. | 7:30 a.m. | 7:50 a.m. | 9:05 a.m. |
| 20 | 3:00p.m. 3:50p.m. | 2:30 p.m. | 3:45 p.m. | 4:00 p.m. | 5:15 p.m. |
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