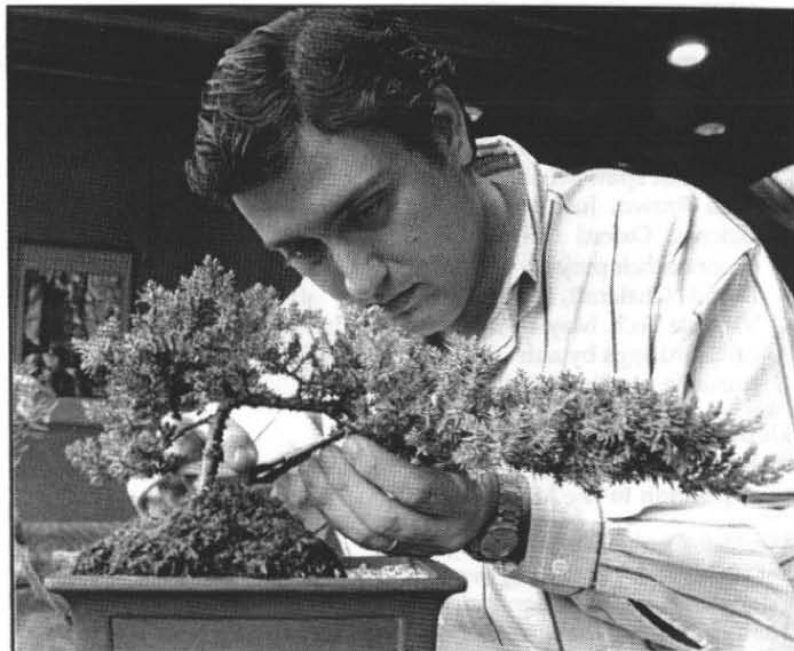
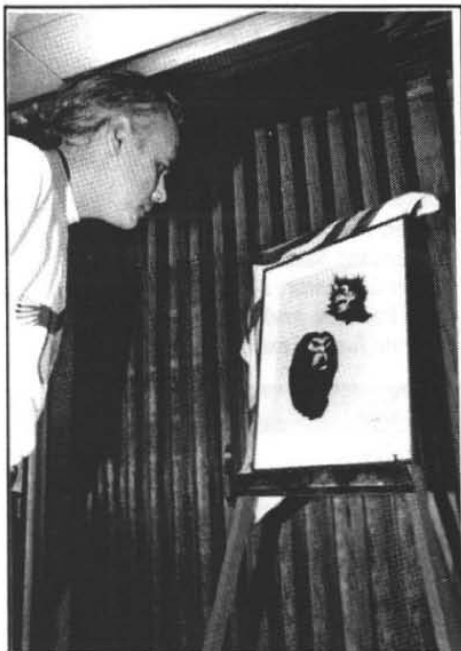


STRI newsletter

May 5, 1995

SMITHSONIAN TROPICAL RESEARCH INSTITUTE - Apartado 2072, Balboa, Panamá

No. 18



On the left, Jorge Ventocilla admires a drawing by Martin Moynihan, exhibited at the STRI Community Arts and Crafts Show, in the Tupper Center Exhibit Hall. On the right, Fernando Caballero, Assistant Security Officer, trims one of his bonsais, that also can be viewed at the exhibit open until May 11 ••• En la foto de la izquierda, Jorge Ventocilla admira un cuadro de Martin Moynihan, que se expone en la Exhibición de Arte y Manualidades de la Comunidad de STRI en el Salón de Exhibiciones del Tupper. En la foto de la derecha, Fernando Caballero, sub-director de seguridad, mantiene uno de sus bonsais, que también pueden verse en la exhibición hasta el 11 de mayo. (Fotos: M.A. Guerra)

TUPPER CENTER SEMINARS

No noon seminar scheduled for Tuesday, May 5. For scheduling a seminar, please contact Neal Smith, at the Tupper Center.

BAMBI SEMINARS

During Greg Gilbert's absence until June 6, John Barone will act as the Bambi seminars' coordinator. No Bambi is scheduled for this coming week.

PEOPLE

Arrivals

- Damon Kylo, Pre-doctoral fellow from the University of Missouri, May 8-22, to continue studies on the translocation through VA Mycorrhizae and the effects on plant performance and early succession under different light, on BCI.

STRI Arts and Crafts Show: How it Came About

by Annette Aiello

Upon seeing the work of the artists working on the Culebra marine exhibit, I became curious to see some of the other work they had done. About the same time, I chanced to discover that a number of STRI people have artistic hobbies, and it occurred to me that it might be nice to have a small art show. In speaking with people about the idea, I encountered a great deal of enthusiasm and learned of many more people who did artistic things. The idea very quickly expanded to include crafts as well as art and special collections. A date was set. Maria Luz Calderón expressed an interest in helping to organize and set up the show. She spent a good deal of her time on it, and made it happen with the help of Ricardo Cortez and Marcos Guerra.

The show opened at 1pm, Tuesday, 2 May 1995, at the Tupper Exhibit Hall, and will continue through Friday, 12 May. There was no formal opening, and regretting that, we plan to have an official closing that will take place at 1pm, Thursday, 11 May. The ceremony will include live music for strings, played by Elizabeth Leigh and several other local musicians. All the STRI community is invited to attend.

- Gerardo Toro, STRI's Latin American fellow from the *Universidad del Valle*, Colombia, May 5-Jul 30, to work with John Pandolfi in a study of the spatial variability in coral reefs communities of 125,000 years old, at Naos.
- Rafael Coma, Kiho Kim and Elizabeth Beiring, University of New York, May 9-8 Jul, to work with Howard Lasker in his project of fertilization success among broadcast spawning benthic invertebrates, in San Blas.
- John Brown, Justine Evans, Sean Morris and Tim Scoones, Oxford Scientific Films, May 10-31 Jul, to continue their projects. They will be stationed at Gamboa.
- David Chalcraft, 10-week graduate student from Virginia Tech, May 10-20 Aug, to study the predation on lizard eggs by ants: interaction modifications in an unstable physical environment, on BCI.

Departures

- Ross Robertson, May 8-6 Jun, to Tahiti, to join an expedition to the Marquesas Islands, Fr. Polynesia.

Worthy Cause Update

Let us begin by thanking every single person who has generously given his or her support to Eric Amado. Though few, we have raised \$1050.00 so far. There is still much work to do and needed money to raise. It will only be done, if we all work together and give it a good effort. Let us embrace this worthy cause and share with the Gonzalez family in their pressing need. The life of a child is at stake and we can do much to better that situation. Much depend on us, let's join our efforts and make a dream come true: a healthy and normal life for a five year old boy who doesn't even understand the nature of his ailment. We can help do it! Those interested in participating in the support committee for Eric Amado, please contact Vielka Rodríguez at BCI before Wed, May 10. Daniel Millán will keep us posted on the new activities planned to get more money for the kidney transplant. Besides the fund for the operation, the Happy Hour Activity provided some necessary items to keep Eric Amado in a more healthy environment to buy him time before all the \$15,000 can be raised.

THINGS YOU SHOULD KNOW

At the Tupper Center

- Mon, May 8 ■ *Fundación Natura*, Auditorium, 8am
- Tue, May 9 ■ Scientific Staff Meeting, LMR, 2pm
- Happy Hour, Corotu Cafeteria, 4:30pm
- Thu, May 11 ■ Closing ceremony of the STRI Community Art and Crafts Show, Exhibit Hall, 1pm
- *Fundación Natura*, Auditorium, 8am

At the Culebra Marine Reserve

- Tue, May 9 *Dirección de Excepcionales*
- Wed, May 10 *Dirección de Excepcionales*
- Thu, May 11 *Dirección de Excepcionales*
- Fri, May 12 *Instituto Enrico Fermi*
- Sat, May 13 *Escuela René Omar Tejada, Los Santos*

At Barro Colorado Island Station

- Sat, May 6 *Colegio La Salle* and Outdoor Recreation Center, Fort Clayton
- Sun Apr 7 *Universidad Santa María La Antigua*
- Sat, May 13 *Academia Santa María-Colon* and visitors from Panama and the U.S.
- Sun, May 14 *Instituto Justo Arosemena*

ANNOUNCEMENTS

From External Affairs

Recently, a Working Plan and a Cooperation Agreement with the Federal University of Parana (UFPR), Curitiba, Brazil, was signed between Ira Rubinoff, STRI and José Enrique de Faria, Dean of the UFPR. This agreement calls for technical and scientific interchange to reconstruct the history of the vegetation and the climate in several regions of Brazil since the last glacial epoch. The STRI Paleocological team, headed by Paul Colinvaux, and the UFPR Department of Botany and its staff, headed by Raquel R.B. Negrelle, will be working together for the successful achievement of this project.

Salud, Ambiente y Desarrollo

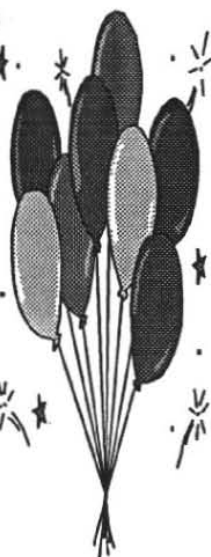
La Fundación NATURA invita a la comunidad de STRI a asistir al Ciclo de Conferencias "Salud, Ambiente y Desarrollo: Introducción a Metodologías de Análisis Ambiental", de 8am a 5pm en el Auditorio del Centro de Conferencias Earl S. Tupper, el lunes 8 de mayo de 1995. Inversión por participante: \$5. Se desarrollarán los siguientes temas: "Desarrollo, tecnologías y medio ambiente en Panamá", "Ley de Evaluación de Impacto Ambiental", "Riesgos Ambientales", y "Experiencias de Análisis Ambiental en otros países". El ciclo de conferencias está auspiciado por el Ministerio de Salud y la Organización Panamericana de la Salud, y organizado por la Fundación NATURA. Mayor información en los tel. 28-1935/28-1936 • Fax 28-1934.

Desarrollo Socioeconómico y Biodiversidad

SENACYT, INRENARE, Fundación NATURA y IICA invitan a una Conferencia Extraordinaria sobre el Desarrollo Socioeconómico y Biodiversidad: Una Perspectiva Centroamericana, por Rodrigo Gamez, director general del Instituto de Biodiversidad de Costa Rica, el jueves 11 de mayo de 1995, en el Auditorio del Centro de Conferencias Earl S. Tupper a las 4pm. Entrada libre.

May STRI Birthdays

Aurelio Virgo	1
John Christy	4
Angel Aguirre	5
Steven Paton	5
Ernesto Peña	7
Domingo Moreno	12
Juan B. Dutari	13
Juan Barria	13
Gabriel Jacome	13
Ubaldo Pimentel	17
Alejandro Arze	17
Anthony Coates	20
Roland Gough	20
Eduardo Sierra	20
Abel Gomez	22
Felix Sanchez	26
Oscar Jimenez	29
Nancy Knowlton	30

**VI Congreso Científico Agropecuario**

La Facultad de Ciencias Agropecuarias de la Universidad de Panamá invita a la comunidad de STRI a participar en el VI Congreso Científico Agropecuario, que se llevará a cabo del 19 al 21 de julio de 1995 en el Corregimiento de Chiriquí. La fecha tope para la entrega del título, autor(es) y resúmenes de expositores es el 12 de mayo de 1995. Este resumen será utilizado para ser fotografiado para la publicación de las memorias del congreso: máximo 300 palabras, espacio sencillo en una página de 8.5 x 11, dejando 2.5 pulgadas de márgenes arriba y abajo de la hoja y una pulgada a cada lado. Para facilitar su participación se ha decidido que el expositor suministre una copia de su conferencia, por escrito, a más tardar el 26 de mayo de 1995, para agilizar el proceso de impresión de las memorias. Para información sobre alojamiento, y la forma a llenar para este congreso, favor de pasar por la Oficina de Becas y Educación de STRI, en el Centro Tupper.

Durante la semana pasada, "Semana de las Secretarias", STRI ofreció un brindis a todas las secretarias del Instituto, el jueves 27 de abril, en el Salón Principal de Reuniones del Centro Tupper. Para esta foto de grupo se reunieron, de izquierda a derecha, Vicky Rodríguez, Ana Luisa de la Espada, Maritza Perurena y Nereida Hernández, secretarias; Audrey Smith, Coordinadora del Tupper; Celideth de León, Adriana Bilgray, Cristina Arias y Marcela Vargas, secretarias; Doris Martiz, administradora del "Mini-Bookstore"; y Lidia Mann y Olga Vásquez, secretarias. (Foto: M.A. Guerra)

At the Office of Fellowships and Education

Due to lack of space, the STRI Newsletter is unable to publish all announcements. These are some of the news items available for consultation at the Office of Fellowships and Education (see Maria Luz Calderón):

- Registration Package for the IUFRO XX World Congress, 6-12 August 1995, Tampere, Finland: Caring for the Forest: Research in a Changing World.
- Symposium on Molecular Evolution and Adaptive Radiation, July 7-8, 1995, McGill University: Deadline to attend: May 15, 1995.
- IALE 95: Congrès de l'International Association for Landscape Ecology: The Future of our Landscapes, Toulouse, France, 27-31 August, 1995.
- ECOSSET '95: International Conference on Ecological System Enhancement Technology for Aquatic Environments (6th International Conference on Aquatic Habitat Enhancement), Nihon University Auditorium, November 6-10, 1995, Tokyo, Japan.
- Smithsonian 150th Anniversary Graphics Manual: that "...provides guidance about (1) how SI units should use the 150 Anniversary Logo, and the SI names during 1995 and 1996, and (2) instructions for using the Logo and names to acknowledge support from third parties who are not affiliated with the 150th Corporate Partner Program." I. Michael Heyman, Secretary.

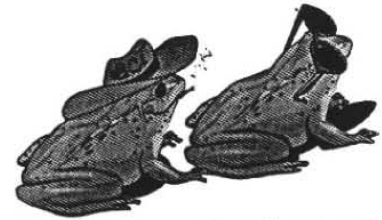


Manuel Lombardo, del Departamento de Educación Ambiental del Ministerio de Educación, entregó certificados a los ganadores del concurso de dibujo "En el Día de la Tierra: Conservemos Nuestros Mares" patrocinado por PROMAR. A la derecha, Adriana Bilgray, de la Oficina de Educación de STRI, les entregó, a los ganadores, certificados de invitación al Centro Marino de Culebra. El acto se llevó a cabo en el Centro Tupper, el viernes 28 de abril, luego de una semana donde se presentaron todos los dibujos del concurso, en el Salón de Exhibiciones. (Foto: A. Montaner)

NEW STRI PUBLICATIONS

- Boland, Kelly A. and Freile, D. 1994. "Tropical Rhodoliths from a Caribbean Patch Reef, San Blas, Panama." *Geological Society of American Abstracts with Programs* 26(2): 40.
- Clifton, Kenneth E. 1995. "Asynchronous Food Availability on Neighboring Caribbean Coral Reefs Determines Seasonal Patterns of Growth and Reproduction for the Herbivorous Parrotfish *Scarus iserti*." *Marine Ecology Progress Series* 116(1-3): 39-46.
- Freile, D. 1994. "Carbonate Production by the Calcareous alga *Halimeda incrassata* in a Tropical Lagoon at Pico Feo Island, San Blas, Panama." *Geological Society of American Abstracts with Programs* 26(4): 14.
- Herre, E. Allen. 1995. "Tests of Optimality Models." *Trends in Ecology and Evolution* 10(3): 121.
- Robb-Bevier, Catherine. 1995. Physiological Constraints on Calling Activity in Neotropical Frogs. Ph.D. dissertation. The University of Connecticut.
- Schulz, William. 1995. "In Caribbean, Scientists Chart 10-Million-Year Geologic History." *Smithsonian Institution Research Reports* No. 79: 1, 6.

BCI Derby Day!



design by Steve Paton
(not me!)

Saturday, May 13, BCI will celebrate its traditional Derby Day. Everyone is invited to come and enjoy a fun-filled day of toad races, volleyball, dung beetles, and other activities. Please bring \$3 to cover the cost of food and drinks... remember about reservations in the boat ••• El sábado 13 de mayo, se celebrará en Barro Colorado el tradicional "Derby Day". Todos están invitados a participar y disfrutar de un día de carreras de sapos, volibol, mucha diversión y otras actividades. Favor de cooperar con \$3 para cubrir los gastos de comida y bebidas... recuerden sobre las reservaciones para la lancha...

MISCELLANEOUS

Missing

The book *The Physiological Ecology of Woody Plants*, by T.T. Kozlowski, (QK 495 K69 1991x) has been missing from Gerhard Zotz office at BCI for a while now. Whoever borrowed it, please return it as soon as possible.

Last Minute News

Al Cierre

Since there will be no Tupper seminar this coming Tuesday, May 9, the Happy Hour scheduled for that day at 4:30pm was cancelled. Happy Hours will resume in June ••• Al no haber seminario en el Tupper este martes 9 de mayo, el "Happy Hour" planeado para esa fecha a las 4:30 se canceló. Los "Happy Hours" empezarán nuevamente en el mes de junio.

