

Tupper seminar

Tuesday, June 26, noon seminar speaker will be Egbert Giles Leigh, Jr., STRI
How can one species become two?

Bambi seminar

Thursday, June 28, Bambi seminar speaker will be Bob Srygley, Oxford University
Fly by why?

Arrivals

James Mandel, Princeton University, Jun 23 - Aug 28, to study kin selection in *Tachigalia versicolor*, on BCI.

William Laurance, STRI, Jun 29, to take up residence in Panama.

Departures

Harry Barnes, Jun 23 - Jul 4, to Puerto Rico, to attend the meetings of the Association of Marine Laboratories of the Caribbean.

New publications

Bush, Mark B., and Rivera, Robert. 2001. "Reproductive ecology and pollen representation among neotropical trees." *Global Ecology and Biogeography* 10(4): 359-367.

Favre, Amy E., and McDade, Lucinda A. 2001. "Population-level variation in the expression of heterostyly in three species of Rubiaceae: does reciprocal placement of anthers and stigmas characterize heterostyly?" *American Journal of Botany* 88(5): 841-853.



Smithsonian Tropical Research Institute, Panamá www.stri.org

June 22, 2001

Piperno appointed new director of the CTPA



Recently, STRI director Ira Rubinoff appointed archaeologist Dolores Piperno as new director of the STRI's Center for Tropical Palaeoecology and Archaeology (CTPA), replacing Jeremy B.C. Jackson, who accepted a position at the Scripps Institution of Oceanography, spending a quarter of his time at STRI. Jackson was appointed first director of the CTPA in 1992, and under his guidance, the project developed with international recognition through the publication of countless articles and important books.

Piperno is an specialist in human palaeoecology in tropical regions, paleobotany and paleoethnobotany.

She started working for STRI in June, 1988, keeping a part-time appointment with the University of Pennsylvania in Philadelphia. She obtained her Ph.D. in 1983 at Temple University with the dissertation "The Application of Phytolith Analysis to the Reconstruction of Plant Subsistence and Environments in Prehistoric Panamá" and has published two books, *Phytolith Analysis: An Archaeological and Geological Perspective* in 1988, and *Origins of Agriculture in the Lowland Neotropics* (with Deborah M. Pearsal) in 1998. Piperno's papers have been published and reviewed in journals like *Science*, *Proceedings of the National Academy of Sciences* and *Nature*, the latest of the reviews, "Early plant domestication" by Trevor Stokes, was published this month in *Trends in Plant Science* 6(1): 12.

Recientemente, el director Ira Rubinoff designó a la arqueóloga Dolores Piperno, como nueva directora del Centro de Paleocología y Arqueología Tropical (CTPA) de STRI, en reemplazo de Jeremy B.C. Jackson, quien aceptó una posición en Scripps Institution of Oceanography, dedicando un cuarto de su tiempo a STRI. Jackson fue designado primer director del CTPA en 1992, y bajo su liderazgo el proyecto se desarrolló con reconocimiento internacional gracias a la publicación de innumerables artículos e importantes libros.

Piperno es especialista en paleoecología humana en regiones tropicales, paleobotánica y paleoetnobotánica. Empezó a trabajar en STRI en junio, 1988, manteniendo una cátedra parcial con la Universidad de Pennsylvania en Philadelphia. Obtuvo su doctorado en 1983 en Temple University con la tesis "The Application of

Phytolith Analysis to the Reconstruction of Plant Subsistence and Environments in Prehistoric Panamá" [La aplicación del análisis de fitolitos para la reconstrucción de la subsistencia de las plantas y el medio ambiente prehistórico en Panamá], y ha publicado dos libros *Phytolith Analysis: An Archaeological and Geological Perspective* [Análisis de fitolitos: una perspectiva arqueológica y geológica] en 1988, y *Origins of Agriculture in the Lowland Neotropics* [Orígenes de la agricultura en los neotrópicos de tierras bajas] con Deborah M. Pearsal en 1998. Los artículos de Piperno se han publicado y reseñado en revistas como *Science*, *Proceedings of the National Academy of Sciences* y *Nature*, siendo la reseña más reciente "Early plant domestication" [Domesticación temprana de plantas] por Trevor Stokes publicada este mes en *Trends in Plant Science* 6(1): 12.

More publications

Laurance, William F., Didham, Raphael K., and Power, Mary E. 2001. "Ecological boundaries: a search for synthesis (Meeting report)." *Trends In Ecology and Evolution* 16(2): 70-71.

Parker, Matthew A. 2001. "Case of localized recombination in 23S rRNA genes from divergent Bradyrhizobium lineages associated with neotropical legumes." *Applied and Environmental Microbiology* 67(5): 2076-2082.

Rand, A. Stanley. 2001. "A history of frog call studies 405 B.C. to 1980." In Michael J. Ryan (Ed.), *Anuran communication*, First ed.: 8-22. Washington, DC: Smithsonian Institution Press.

Ryan, Michael J., and Rand, A. Stanley. 2001. "Feature weighting in signal recognition and discrimination by Túngara frogs." In Michael J. Ryan (Ed.), *Anuran communication*, First ed.: 86-101. Washington DC: Smithsonian Institution Press.

Ryan, Michael J., Phelps, Steven M., and Rand, A. Stanley. 2001. "How evolutionary history shapes recognition mechanisms." *Trends in Cognitive Sciences* 5(4): 143-148.

Theron, Emmalize, Hawkins, Kim, Bermingham, Eldredge, Ricklefs, Robert E., and Mundy, Nicholas I. 2001. "The molecular basis of an avian plumage polymorphism in the wild: A melanocortin-1-receptor point mutation is perfectly associated with the melanic plumage morph of the bananaquit, *Coereba flaveola*." *Current Biology* 11(8): 550-557.

West-Eberhard, Mary Jane. 2001. "The importance of taxon-centered research in biology." In Michael J. Ryan (Ed.), *Anuran communication*, First ed.: 3-7. Washington DC: Smithsonian Institution Press.

Knowlton appointed to Packard Foundation's Board

Staff scientist Nancy Knowlton was appointed member of the Board of Trustees of the Packard Foundation's Interdisciplinary Science Program, on June 8th. The David and Lucile Packard Foundation is a private family foundation created in 1964 by David Packard (1912-1996), co-founder of the Hewlett-Packard Company and Lucile Salter Packard (1914-1987). The Foundation provides grants to nonprofit organizations in conservation; population; science; children, families, and communities; arts; and organizational effectiveness and philanthropy. The Foundation's grant awards totaled approximately \$614 million in 2000, and it expects to make grants of approximately \$550 million in 2001.

Nancy Knowlton, científica de STRI, fue seleccionada para conformar parte de los síndicos del Programa de Ciencias Interdisciplinarias de la Fundación Packard el 8 de junio. La Fundación Packard es una fundación familiar privada fundada en 1964 por David Packard (1912-1996), co-fundador de Hewlett-Packard y Lucile Salter Packard (1914-1987). La Fundación ofrece fondos a organizaciones sin fines de lucro en los campos de la conservación; población; ciencia; niñez, familia y comunidades; artes; y filantropía y efectividad organizativa. El total de donaciones de la Fundación en 2000 fue de aproximadamente \$614 millones, y espera hacer donaciones en 2001 de cerca de \$550 millones.

Knowlton elegida para directiva de Fundación Packard

Internship applications

Aplicaciones para pasantías en STRI

The STRI's internship program is a prearranged structured learning experience that takes place within a specific time frame for a minimum of 20 hours per week. Interns are usually students or recent graduates who receive practical experience under the supervision of a STRI scientist, research associate, visiting scientist or STRI employee. We have three candidates for your consideration. Please contact Adriana Bilgray at 212-8031.

- Serena Moss, US. Junior Biology student, University of Miami (English and Spanish). Interested in socio/environmental relations, and wildlife and ecosystem conservation.
- Kailash Mozumber, US. Senior Ecology Behavior and Evolution student, University of California in San Diego. (STI certified scuba diver, GPS operation, computer skills). Interested to work in behavioral ecology, the BDFFP, CTFS or the Canopy Tower.
- Fabián E. Rodas, Ecuador. B.A. in Biology, Universidad del Azuay. (English, French, Portuguese, Spanish). Interested to work on environmental monitoring or forest ecology.

El Programa de pasantías de STRI es una experiencia de aprendizaje estructurado que se lleva a cabo en un marco de un mínimo de 20 horas semanales. Por lo general, los pasantes son estudiantes de último año o recién graduados quienes se benefician de una experiencia práctica bajo la supervisión de un científico de STRI, un asociado científico, un académico visitante o un empleado. Sometemos los candidatos arriba mencionados para su consideración. Favor ponerse en contacto con Adriana Bilgray en la Oficina de Educación, tel. 212-8031.

Father's day • Tupper • Día del Padre



A Karaoke afternoon was organized by the Procurement Office and the collaboration of Gabriel Martínez at the Tupper Center with the funds from the Coca Cola machine, to celebrate Father's Day on Friday, June 15. In the photo, Gabriel Martínez (from the left) introduces singers Luis Turner and Roxana Durán. (Photos: Mirna Fernández)

La Oficina de Compras, con la colaboración de Gabriel Martínez organizaron una tarde Karaoke en el Centro Tupper con los fondos de la

máquina de sodas del Tupper, para celebrar el Día del Padre el viernes 15 de junio. En la foto, Gabriel Martínez (de izquierda a derecha) presenta a los cantantes Luis Turner y Roxana Durán.

