

## Tupper seminar

Tuesday, August 21, noon seminar speaker will be Janet Shellman-Reeves, postdoctoral fellow from Cornell University  
**Courtship turmoil in a monogamous, biparental termite**

## Bambi seminar

Thursday, August 23, Bambi seminar speaker will be Nate Dominy, University of Hong Kong  
**Fracture Toughness and the ghosts of herbivory past**

## Arrivals

Elisabeth Kalko, STRI, Aug 19 - Sep 4, to continue bat research on BCI.

Mery Merello, Missouri Botanical Garden, Aug 23 - Sep 7, to work with Allison Miller on BCI and other parts of Panama.

Allison Miller, Washington University, Aug 23 - Sep 7, to study the domestication in a tropical fruit tree, jocoté, (*Spondia purpurea*, Anacardiaceae).

Julie Velásquez-Runk, Yale University, Aug 23 - Sep 30, to do data analysis on ITTO program, at Tupper.

## Departures

Don Windsor, Aug 11 - 27, to Ecuador, to work on leaf beetles.

Olga F. Linares, Aug 18 - Sep 4, to Rome, to edit a book with a colleague at the International Plant Genetic Resources Institute, then to Paris, to consult with associates at the CNRS.



Smithsonian Tropical Research Institute, Panamá

[www.stri.org](http://www.stri.org)

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## Academic program

STRI has united efforts with McGill University in Canada and the City of Knowledge in Panamá to offer a research-based graduate level program known as the STRI-McGill Neotropical Environment Option (NEO). NEO is aimed at students who

wish to focus their graduate research on environmental issues relevant to the Neotropics and Latin American countries. Students will complete their research in Latin America and NEO's core and complementary courses will be taught in Panamá. STRI scientists Eldredge Bermingham, Richard Cooke, William Laurance, Penelope Barnes, William Wcislo, and Stanley Heckadon, and STRI Research Associate Todd Capson will participate as advisors to students. STRI research associate



NEO director Catherine Potvin and an embera dancer at the Tupper Center. La directora de NEO, Catherine Potvin y una bailarina embera en el Centro Tupper. *Photo: mcgill.ca/neo/program/*

latinoamericanos. Los estudiantes completarán sus investigaciones en América Latina y los cursos principales y complementarios se dictarán en Panamá. La directora del programa es Catherine Potvin, investigadora asociada a STRI de McGill. Los científicos de STRI Eldredge Bermingham, Richard Cooke, William Laurance, Penelope Barnes, William Wcislo, y Stanley Heckadon participarán como consejeros de los estudiantes. Los títulos que se otorgarán serán en Biología, Geografía, Ciencias en Recursos Naturales, Ciencias Vegetales, Ciencias Políticas, Sociología e Ingeniería de Agricultura y Biosistemas. Para mayor información sobre el programa, ejemplos de las oportunidades de investigación, requisitos, y procedimientos de aplicación consulte

[www.mcgill.ca/neo/](http://www.mcgill.ca/neo/)

## McGill-STRI Neotropical Environment Option



[www.mcgill.ca/neo/](http://www.mcgill.ca/neo/)

Catherine Potvin is the NEO director. Degrees will be obtained in Biology, Geography, Natural Resource Sciences, Plant Science, Political Science, Sociology and Agricultural and Biosystems Engineering. More information on the program, examples of research opportunities, requirements, and application procedures at [www.mcgill.ca/neo/](http://www.mcgill.ca/neo/)

## Postgrados en ambientes neotropicales McGill-STRI

STRI ha unido esfuerzos con McGill University en Canadá y la Ciudad del Saber en Panamá, para ofrecer un programa académico de maestrías y doctorados basados en investigación conocido como la Opción de Ambientes Neotropicales McGill STRI (NEO, por sus siglas en inglés). NEO está dirigido a estudiantes que desean enfocar sus estudios de postgrado en asuntos ambientales relacionados con los neotrópicos y países

[www.mcgill.ca/neo/](http://www.mcgill.ca/neo/)

## New publications

Dudley, Robert. 2001. "The biomechanics and functional diversity of flight." In D.R. Reynolds and C.D. Thomas I.P. Woiwod (Ed.), *Insect movement: mechanisms and consequences*: 19-41 Number of Pages: 464 Pages: NRI, University of Greenwich, and C D Thomas, University of Leeds, UK CABI International

Heckadon-Moreno, Stanley. 2001. "Enrico Festa en la Laguna de la Pita y Río Lara, Darién, 1895". "Epocas" *Segunda Era* (La Prensa supplement) 16(8): 4-5

Kaspari, Michael, and Yanoviak, Stephen P. 2001. "Bait use in tropical litter and canopy ants-evidence of differences in nutrient limitation." *Biotropica* 33(1): 207-211.

Kalko, Elisabeth K.V. and Handley, Charles H. 2001. "Neotropical bats in the canopy: diversity, community structure, and implications for conservation." *Plant Ecology* 53: 319-333.

Laurance, William F. 2001. "Smole palls return to Southeast Asia." *Trends in Ecology and Evolution* 16(9): 487.

Wikelski, Martin, and Ricklefs, Robert E. 2001. "The physiology of life histories [Meeting report]." *Trends in Ecology and Evolution* 16(9): 479-481.

Yanoviak, Stephen P. 2001. "Container color and location affect macroinvertebrate community structure in artificial treeholes in Panama." *Florida Entomologist* 84(2): 265-271.



this large predator has on the ecology of BCI. In the photo (from the left) are Moreno, Petry and Ronald Kays, after trapping an ocelot last week to install the novel transmitter.

Los ocelotes son difíciles de estudiar debido a las grandes distancias que recorren, su actividad nocturna y comportamiento esquivo. Para solucionar el problema, los biólogos Nicolas Petry de la Universidad de Princeton y Ricardo Moreno, de STRI, están estrenando el uso de un nuevo transmisor sujeto a un radio collar en ocelotes para su proyecto "Ecología, comportamiento y energética de ocelotes en BCP". Este collar, que tiene un micrófono incorporado, envía transmisiones continuas y permitirá a los investigadores oír y grabar las últimas vocalizaciones de las presas, respiración del ocelote y sus vocalizaciones sociales, con el objeto de recoger información sobre el efecto que este depredador tiene sobre la ecología de Barro Colorado. En la foto (de izquierda a derecha) aparecen Moreno, Petry y Ronald Kays, luego de atrapar un ocelote la semana pasada para colocarle el novedoso transmisor.

## Tungara season completed

The Tungara project completed their 2001 field season with a Gamboa Talent show, at which many surprising skills were revealed from cooking to juggling, and hat making to children's book illustration. However, the first prize was won by 'Highlights of English Pantomime' performed by most of Gamboa's British community. (Photo: Chris Tompson)



El Proyecto de la Rana Túngara completó su temporada de campo con un espectáculo de talentos en Gamboa, en donde salieron a relucir muchas habilidades sorprendentes como cocina, malabarismo, manufactura de sombreros e ilustración de libros para niños. Sin embargo el primer premio de la noche se lo llevó el grupo "Lo mejor de la pantomima inglesa" en donde actuó la mayoría de la comunidad británica de Gamboa.

## Miscellaneous

**For adoption:** Tupper cats (male and female). Please contact Carlos Tejada at Pastor's House. **Para adopción:** Gatos de Tupper (macho y hembra). Favor ponerse en contacto con Carlos Tejada en Pastor's House.

**For sale:** Canon IXUS camera. Advantix film, 24-48mm lens, flash. Pocket-size. Excellent conditions. \$180. Call Laura Flores at tel. 269-6906, cel: 671-5181 **Se vende:** Cámara fotográfica Canon IXUS, rollo Advantix, lente 24-48mm, flash. Tamaño bolsillo. \$180. Llamar al 269-6906, cel. 671-5181.

## Numbed and wired

Ocelots are difficult to study due to their large ranges, covert behavior and nocturnal activity. In order to overcome this elusiveness, biologists Nicolas Petry from Princeton University and Ricardo Moreno, STRI, are using a novel microphone transmitter attached to a radio collar on ocelots for their project "Ecology, behavior and energetic of ocelots on BCI." This throat-mounted microphone with continuous transmission will allow the researchers to hear and record final vocalizations of prey, breathing rate of the ocelot, and its social vocalizations, in order to gather new information of the effect



### From Maintenance

We request everyone's collaboration by not feeding stray dogs and cats at our facilities.

### De mantenimiento

Le pedimos a todos su colaboración al no alimentar gatos ni perros callejeros en las instalaciones de STRI.