

Tupper seminar

Tuesday, October 24, noon seminar speaker will be Eldredge Bermingham, STRI

A bird and maybe some fish

I will present some recent results on a bird, the bananaquit, and on some Neotropical freshwater fish in the genus *Prochilodus*. Some populations of the bananaquit are characterized by a dramatic plumage polymorphism and I will be discussing the distribution, evolutionary significance and molecular basis of the polymorphism. And if I can present the bananaquit results in a half-hour I will follow with an evolutionary analysis of *Prochilodus*, also known as boca chica or sabalo, a widespread, commercially important and biologically interesting migratory fish found in all the principal drainages of South America.

Bambi seminar

Thursday, October 26, Bambi seminar speaker will be Michael Lakatos, University of Kaiserslautern, Germany.

How do corticolous lichens grow in lowland tropical rainforests?

Arrivals

Ahn-Heum Eom, Mellon postdoctoral fellow from Kansas State University, Oct 23, to work on the mycorrhizal of BCI.

Holly Pennderville, volunteer from the University of Vermont, Oct 23 - Jan 23, to work with the bioprospecting project, at Tupper.

Korina Pohl, Universität Würzburg, Germany, Oct 26 - Dec 10, to work on Gerhard Zotz's project on water relations of *Annona glabra*, a tree restricted to inundated lake shores, on BCI.

Jayne Yack, short-term fellow from Carleton University, Canada, Oct 27 - Nov 11, to work on hearing in nocturnal butterflies (Hedyloidea): physiological and anatomical studies of forewing tympanal ears and hindwing sensory structure,



Smithsonian Tropical Research Institute, Panamá

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October 20, 2000

STRI marine scientists in Bali, at 9th International Coral Reef Symposium



STRI marine scientists Luis D'Croz (top, left) Héctor Guzmán (bottom, left), Haris Lessios (top, right) and D. Ross Robertson (bottom, right) traveled to Bali, Indonesia, to participate and give seminars at the 9th International Coral Reef Symposium, to be held from Monday, October 23 to Friday, October 27. The congress, hosted by the Indonesian government with the support of the Indonesian scientific community and the International Society for Reef Studies, is an international forum that meets every four years, to exchange information and ideas and transfer of technologies and knowledge among researchers, managers, policy makers and other stakeholders in coral reefs. The first of these congresses met in India in 1969, and the most recent, organized by STRI in Panama City in June, 1996, attracted around 1500 participants: especially scientists, students, policy makers and conservationists.

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Científicos marinos de STRI, Luis D'Croz, Héctor Guzmán, Haris Lessios y D. Ross Robertson, viajaron a Bali, Indonesia, para participar y dar seminarios en el IX Congreso Internacional de Arrecifes Coralinos, que se llevará a cabo del lunes 23 de octubre, al viernes, 27 de octubre. El gobierno de Indonesia será el anfitrión del congreso, y contará con el apoyo de la comunidad científica indonesia y la Sociedad Internacional para Estudios en Arrecifes. Este congreso es un foro internacional que se reúne cada cuatro años para intercambiar información e ideas y compartir conocimientos y tecnología entre investigadores, administradores, y funcionarios encargados de diseñar políticas y decisiones. El primero de estos congresos se llevó a cabo en India en 1969, y el más reciente, organizado por STRI en la Ciudad de Panamá en junio de 1996, contó con 1500 participantes, especialmente científicos, estudiantes, conservacionistas y planeadores.

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Científicos marinos de STRI en Bali



New STRI publication featured on Nature cover

Piperno, Dolores, Ranere, Anthony J., Holst, Irene, and Hansell, Patricia. 2000. "Starch grains reveal early root crop horticulture in the Panamanian tropical forest." *Nature* 407(6806): 894-897.

October 19, 2000

Departure

David Roubik, Oct 21-28, to Costa Rica, to continue with research projects.

New STRI publications

Allen, Mitchell T., and Percy, Robert W. 2000. "Stomatal behavior and photosynthetic performance under dynamic light regimes in a seasonally dry tropical rain forest." *Oecologia* 122(4): 470-478.

Allen, Mitchell T., and Percy, Robert W. 2000. "Stomatal versus biochemical limitations to dynamic photosynthetic performance in four tropical rainforest shrub species." *Oecologia* 122(4): 479-486.

Arnold, A. Elizabeth, Maynard, Zuleyka, Gilbert, Gregory S., Coley, Phyllis D., and Kursar, Thomas A. 2000. "Are tropical fungal endophytes hyperdiverse?" *Ecology Letters* 3(4): 267-274.

Campbell, Christina J. 2000. "Fur rubbing behavior in free-ranging black-handed spider monkeys (*Ateles geoffroyi*) in Panama." *American Journal of Primatology* 51(3): 205-208.

Farji Brener, Alejandro G., and Medina, Claudia A. 2000. "The importance of where to dump the refuse: Seed banks and fine roots in nests of the leaf-cutting ants *Atta cephalotes* and *A. colombica*." *Biotropica* 32(1): 120-126.

Laurance, William. 2000. "Cut and run: the dramatic rise of transnational logging in the tropics [News and Comment]." *Trends in Ecology and Evolution* 15(11): 433-434.

Mangan, Scott A., and Adler, Gregory H. 2000. "Consumption of arbuscular mycorrhizal fungi by terrestrial and arboreal small mammals in a Panamanian cloud forest." *Journal of Mammalogy* 81(2): 563-570.

In appreciation to the STRI staff

To: Ira Rubinoﬀ, from Mary Tanne r

With the end of the fiscal year, I wanted to pass on my appreciation for the extraordinary efforts of your administrative staff in responding to numerous requests for very detailed information in various formats. I know how difficult the past six months have been as everyone has demanded special plans, details on 402 use, and other information that our systems are unable to provide easily.

Of course, this all has come on the heels of STRI's transition to a new personnel system. I know there were many staff —former and new— that contributed to the success of developing both the pay structure and personnel rules, and ensuring that there was no break in pay. Everyone should feel proud of the result. The positive attitude of the staff is a credit to STRI.

Please share my gratitude and appreciation to the appropriate staff. I am sure there will be new challenges this year, but STRI has shown that the staff can handle them!

October 2, 2000

Al llegar el final del año fiscal, deseo transmitir mi agradecimiento a su personal administrativo, por sus extraordinarios esfuerzos en respuesta a las numerosas peticiones de información detallada y en sus diferentes formatos. Yo sé qué tan difícil han sido los últimos seis meses, ya que todos han exigido planes de gastos especiales detallados en el uso 402, y otra información que nuestros sistemas no pueden suministrar fácilmente.

Por supuesto, todo esto llegó pisando los talones de la transición de STRI a un nuevo sistema de personal. Sé que hubo muchos empleados —viejos y nuevos— que contribuyeron al éxito del desarrollo de una estructura de remuneración y reglas de personal, que aseguraran que no hubiera una suspensión de salarios. Todos deben sentirse orgullosos del resultado. La actitud positiva del personal es un logro de STRI.

Permítame compartir mi gratitud y aprecio al personal indicado. Estoy segura que habrán nuevos retos este año, pero STRI ha demostrado que su personal ¡puede manejarlos!

En agradecimiento al personal de STRI

Miscellaneous

Se vende Sentra II 1994, Excelentes condiciones. Llamar al tel. 276-6407

More publications

Parker, Matthew A., and Lunk, Alexandra. 2000.

"Relationships of bradyrhizobia from *Platypodium* and *Machaerium* (Papilionoideae: tribe Dalbergieae) on Barro Colorado Island, Panama." *International Journal of Systematic and Evolutionary Microbiology* 50(6 part 3): 1179-1186.

Rincon, Manuel, Roubik, David W., Finegan, Bryan, Delgado, Diego, and Zamora, Nelson. 2000. "Understory bees and floral resources in logged and silviculturally treated Costa Rican rainforest plots." *Journal of the Kansas Entomological Society* 72(4): 379-393.

Roubik, David W. 2000. "Pollination system stability in tropical America." *Conservation Biology* 14(5): 1235-1236.

Roubik, David W. 2000. "The foraging and potential outcrossing pollination ranges of African honey bees (Apiformes: Apidae; Apini) in Congo forest." *Journal of the Kansas Entomological Society* 72(4): 394-401.

Roubik, David W., Inoue, Tamiji, Hamid, Abdul, and Harrison, Rhett. 2000. "Height communication by Bornean honey bees (Apiformes: Apidae; Apini)." *Journal of the Kansas Entomological Society* 72(3): 256-261.

Tanaka, Seiji. 2000. "The role of moisture in the control of diapause, mating and aggregation in a tropical insect." *Entomological Science* 3(1): 147-155.

Yavitt, Joseph B. 2000. "Nutrient dynamics of soil derived from different parent material on Barro Colorado Island, Panama." *Biotropica* 32(2): 198-207.