

Tupper seminar

Tuesday, January 14, noon seminar speaker will be Egbert G. Leigh, Jr., STRI Mathematics and biology

Bambi seminar

Information about the Bambi on Thursday, January 16, will be sent by e-mail.

Arrivals

Jacalyn Giacalone-Willis and Greg Willis, Jan 8 - Feb 17, to work on the mammalian population fluctuations in relation to fruit crop, do a sloth census by overflying BCI, and produce a live video broadcast version of the Rainforest Connection from BCI.

Michael Libsch, University of Illinois at Urbana-Champaign, Jan 10, to work on his thesis project: Organization of a neotropical montane bird community, and assist Jeff Brawn, on Pipeline Road.

Eduardo Mendoza, UNAM, México, Jan 11-24, to study the consequences of selective defaunation of mammalian herbivory and its interaction with seed moss variation, on BCI.

James Luteyn and Paola Pedroza, NY Botanical Garden, Jan 12-27, to conduct taxonomic studies in Ericaceae, at Tupper.

Sebastian Meier, University of Kaiserslautern, Jan 13 - Apr 20, to work with Tom Kursar and Bettina Engelbrecht on comparative physiology to tolerance to water stress and shade of rainforest plants, on BCI.

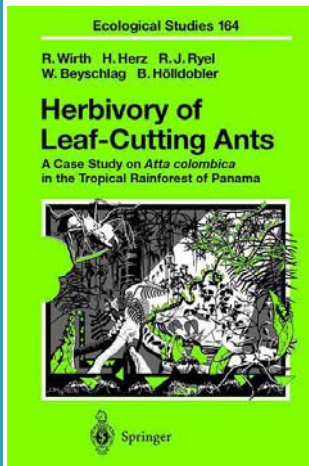


Smithsonian Tropical Research Institute, Panamá

www.stri.org

January 10, 2003

New book on BCI



Rainer Wirth, from the University of Kaiserslautern, Hubert Hertz and Bert Hölldobler, from the University of Würzburg, Ronald J. Ryel, from Utah State University, and Wolfram Beyschlag, from the University of Bielefeld published the book *Herbivory of leaf-cutting ants: A case study on Atta colombica in the tropical rainforest of Panama* (Springer, 2003). The book is a synthesis of field research on multiple scales extending over a period of several years examining the interactions of leaf-cutting ants with the rainforest vegetation on BCI.

Their work can serve as a model study summarizing and extending knowledge about herbivorous insect-plant relationships, and the resulting consequences on structural and functional features of tropical ecosystems. The text is an invaluable reference for researchers and land managers working in the fields of plant-animal interactions, herbivory, community ecology and biodiversity. You may shortly buy it at the STRI bookstore. More at www.springer.de/cgi/svcat/search_book.pl?isbn=3-540-43896-3.

Rainer Wirth, de la Universidad de Kaiserslautern, Hubert Hertz y Bert Hölldobler, de la Universidad de Würzburg, Ronald J. Ryel, de Utah State University, y Wolfram Beyschlag, de la Universidad de Bielefeld publicaron el libro *Herbivory of leaf-cutting ants: A case study on Atta colombica in the tropical rainforest of Panama*, (Springer, 2003). El libro es una síntesis de trabajo de campo con múltiples escalas en un período de varios años, que examina las interacciones de las arrieras con la vegetación del bosque lluvioso de Barro Colorado. Este trabajo puede servir como modelo para resumir y enriquecer el conocimiento sobre las relaciones herbívoras de insecto-planta, con las consecuencias producto de las características estructurales y funcionales de los ecosistemas tropicales. El texto es una referencia invaluable para investigadores y administradores de tierras que trabajan en el campo de las interacciones entre plantas y los animales, herbivoría, ecología de comunidades, y biodiversidad. Este libro podrá comprarse próximamente en la librería de STRI. Más información en www.springer.de/cgi/svcat/search_book.pl?isbn=3-540-43896-3.

More arrivals

Charlotte Jander, Upsala University, Jan 13 - May 30, to study *Wolbachia* and fig wasps, on BCI.

Ruscena Wiederholt, US, Jan 14 - Jul 14, to assist Joe Wright, on BCI.

Kathryn Matthews, University of Pennsylvania, Jan 15 - Jul 15, to study cadmium in coral skeletons: Experimental calibration.

Catalina Perdomo, short-term fellow from Universidad de los Andes, Jan 15 - Mar 15, to study local spatial genetic structure of *Inga marginata* population in the 50 hectares plot, on BCI.

Jonathan Myers, intern from the University of Florida, Jan 15-24, to work with Kaoru Kitajima on the functional bases for the trade-off between growth and survival of tree seedlings, on BCI and Gamboa.

William Severud, Carleton College, Minnesota, Jan 15 - Apr 6, to work with Brenda Larison, in Gamboa.

David Logue, Colorado State University, Jan 15 - May 13, to study the behavioral ecology of a year round territorial wren in Gamboa.

More arrivals

Robert Horan, volunteer from the University of Georgia, Jan 15 - May 14, to work with the ESP, on BCI.

Kelly Barr, intern from the University of North Carolina, Jan 15 - May 15, to study the evolution of shell loss in Fissurelids with Rachel Collin, at Naos.

Departures

Rck Condit, Jan 13 - Feb 13, to California, to census the breeding population of northern elephant seals.

Cristián Samper, Jan 13-20, to Washington DC, Montreal and Geneva, to attend meetings.

Haris Lessios, Jan 14-24, to the Canary Islands, to teach a course at the University of Palmas. Then to Alicante and Madrid, to collect sea urchins and meet with colleagues.

Ira Rubinoff, Jan 17-26, to San Francisco, to meet with Frank and Wynette Levinson, and visit several foundations.

Olga F. Linares, Jan 17 - Feb 5, to Rome, to attend meetings of the board of trustees of IPGRI, and to Paris, to meet with colleagues at the CNRS.

Our condolences

To Bill and Suzan G. Laurance, for the loss of his father on January 4, in Idaho.

New publications

Bot, Adrienne N.M., Ortius-Lechner, Diethe, Finster, K., Maile, Roland, and Boomsma, Jacobus J. 2002. "Variable sensitivity of fungi and bacteria to compounds produced by the metapleural glands of leaf-cutting ants."

Grants to work at CTFS' plots

STRI's Center for Tropical Forest Science is currently accepting proposals for its Research Grants Program, to provide opportunities to utilize existing Forest Dynamics Plots (FDP) and conduct research with scientists associated with these plots. The CTFS network of FDPs includes 17 sites in 13 countries. All researchers (from graduate students to senior scientists) are encouraged to apply for projects three months to three years in length. Two grant cycles will be held this year. Deadlines are February 28 and August 31. A total of approximately \$100,000 will be awarded for each cycle. For more information contact mmassa@stridc.si.edu or visit www.ctfs.si.edu. Names and projects of Fall 2002 recipients in page 3.

El Centro de Ciencias Forestales del Trópico (CTFS) de STRI está recibiendo propuestas para su programa de becas de investigación, que ofrecen la oportunidad de utilizar las parcelas existentes de Dinámica de Bosques y llevar a cabo investigaciones con científicos afiliados a estas parcelas. La red de parcelas del CTFS incluyen 17 sitios en 13 países. Se invita a todos los investigadores (desde estudiantes graduados a científicos "senior") a proponer proyectos con una duración de tres meses a tres años. Este año se llevarán a cabo dos ciclos de becas. Las fechas límite son el 28 de febrero y el 31 de agosto. Cerca de \$100,000 se distribuirán en cada ciclo. Comuníquese con mmassa@stridc.si.edu o visite www.ctfs.si.edu para mayor información. Vea los proyectos e investigadores que recibieron becas en página 3.

STRI 2003: Volleyball new season and happy hour

The organizing committee of STRI 2003 Volleyball league *Copa Rotativa Mercedes Ng Arroyo* invites all members of the STRI community to participate as players or fans in the inaugural games this Friday, January 10 at 5:30pm at Tivoli parking space. We will have six teams: Tupper, Tupper 2, Naos, Natura, Copeg and BCI. Everybody is invited to a special happy hour at Mangos (Plaza Ericson) on Thu, Jan 16 after 5:30pm, to cover the league expenses and activities. Don't miss it!

STRI 2003: nueva temporada de Voleibol y Happy hour

El comité organizador de la Liga de Voleibol STRI 2003 *Copa rotativa Mercedes Ng Arroyo* invita a la comunidad de STRI a participar, como jugador o fanático, en el juego inaugural de la temporada, este viernes 10 de enero a las 5:30pm. Los juegos se llevarán a cabo en los estacionamientos de Tivoli. Seis equipos conforman la Liga : Tupper, Tupper 2, Naos, Natura, Copeg y BCI. Todos están invitados también a un "happy hour" especial en Mangos (Plaza Ericson) el jueves 16 de enero después de las 5:30pm, para cubrir los costos y actividades de la liga. ¡No se lo pierdan!

For sale:

SUV Nissan Terrano 1994. Excelent conditions, only one owner, 4x4, 5 doors, manual transmission 5 shifts, a/c, radio/cd, immobiliser, 130,000 km. \$5,940. Interested please call Stanley Heckadon at 212-8068.

Congratulations!



EDWARD ALLEN HERRE
AND
SUNSHINE AUTUMN VAN BAEL
WERE MARRIED AT 3:00 PM
ON A BEAUTIFUL MID-WINTER'S DAY
DECEMBER 21, 2002
SPRING LAKE, AIKEN,
SOUTH CAROLINA

More publications

Cortes-Ortiz, L., Bermingham, Eldredge P., Rico, C., Rodriguez-Luna, E., Sampaio, I., Ruiz-Garcia, M., and Eakin, Carlton Mark. 2003. "Molecular systematics and biogeography of the Neotropical monkey genus, *Alouatta*." *Molecular Phylogenetics and Evolution* 26(1): 64-81.

Garzon-Ferreira, Jaime, Cortes, Jorge, Croquer, Aldo, Guzman, Hector M., Leao, Zelinda, and Rodriguez-Ramirez, Alberto. 2002. "Status of coral reefs in southern tropical America in 2000-2002: Brazil, Colombia, Costa Rica, Panama and Venezuela, *Status of Coral Reefs of the World*: 2002: 344-360.

Guzman, Hector M., and Garcia, Elia M. 2002. "Mercury levels in coral reefs along the Caribbean coast of Central America." *Marine Pollution Bulletin* 44: 1415-1420.

Kitajima, Kaoru, Mulkey, Stephen S., Samaniego, Mirna, and Wright, S Joseph. 2002. "Decline of photosynthetic capacity with leaf age and position in two tropical pioneer tree species." *American Journal of Botany* 89(12): 1925-1932.

Fall 2002

CTFS research grants recipients

The Center for Tropical Forest Science received 29 proposals in response to its first round of the Research Grants Program, of which 10 proposals were selected for full or partial funding. Principal investigators represented seven countries and proposed to work with seven of the CTFS Forest Dynamics Plots. The 10 principal investigators included one undergraduate, one graduate student, three post-doctoral researchers, and five senior scientists.

Research proposal title	Principal investigator	Status	Nationality
Growth and survival of trees in relation to canopy closure in a 50-ha Neotropical forest plot	Robert John	Post-doc	India
A topographic comparison of soil nutrient status in relation to habitat specialization in the 25-ha forest dynamics plot at Sinharaja, Sri Lanka	H.M.S.P. Madawala Weerasinghe	Senior Scientist	Sri Lanka
Habitat specificity and diversity in the korup forest dynamics plot, Cameroon	George Chuyong	Senior Scientist	Cameroon
Seed rain in tropical forests: patterns, causes, and consequences for forest dynamics	Helene Muller-Landau	Post-doc	USA
Comparing interspecific interactions between tree species in the new- and old world tropical forests	Christopher Wills	Senior Scientist	UK
Ecological and evolutionary genetics of two vertebrate-dispersed tropical trees, <i>Simarouba amara</i> and <i>Symphonia globulifera</i>	B. Denise Hardesty	Graduate Student	USA
Understanding the origin of tropical tree species richness: a phylogenetic analysis of ecological data from Sinharaja's forest dynamics plot	Elizabeth Stacy	Post-doc	USA
Forest reserves as refugia for human impacted biodiversity: a case study of the forest dynamics plot in Mudumalai Wildlife Sanctuary, India	Jayshree Vencatesan	Senior Scientist	India
Contribution to the taxonomical knowledge of the myrtaceae, with special reference to the genus <i>Calypttranthes</i> sw., in the Yasuni Dynamics Forest project	Alejandra Moscoso	Undergraduate	Ecuador
Phenologies of tropical forests: the role of light limitation	Jess Zimmerman	Senior Scientist	USA