



STRINNEWS

FEB 20, 2015

Long-term tropical lizard decline linked to El Niño events

Full story: www.stri.si.edu



Scientists predict an increase in frequency of El Niño events due to greenhouse warming. Forty years of census data reveals that the population growth rate of this lizard, *Anolis apletophallus*, is related to the Southern Oscillation Index, SOI, an indicator of the development and intensity of El Niño. Photo by Owen Petchey

Los científicos predicen un aumento de la frecuencia del fenómeno de El Niño debido al calentamiento de efecto invernadero. Cuarenta años de datos obtenidos de censos revelan que la tasa de crecimiento de la población de esta lagartija, *Anolis apletophallus*, está relacionada con el Índice de Oscilación Sur, (SOI por sus siglas en inglés), un indicador del desarrollo y la intensidad de El Niño. Imagen cortesía de Owen Petchey

SEMINARS

BEHAVIOR DISCUSSION GROUP MEETING

Tue, Feb 24, 2pm
Martin How
University of Bristol
Tupper Large Meeting Room
Target detection in enhanced by polarization vision in fiddler crabs

TUPPER SEMINAR

Tue, Feb. 24, 4pm
Walter Jetz
Yale University
Tupper Auditorium
Toward a global, integrative biodiversity science

PALEOTALK

Wed Feb. 25, 4pm
Pincelli M. Hull
Yale University, Department of Geology & Geophysics
CTPA
Killing off the Cretaceous: disentangling the effects of volcanism and impact during the last mass extinction

BAMBI SEMINAR

Thu, Feb. 26, 7:15pm
Ingrid C. Romero
STRI-CTPA
Barro Colorado Island
New palynological evidence of marine incursions in northern South America during the Miocene and their paleoecological implications

WHAT'S HAPPENING AT STRI?

FIELD COURSES

Princeton University - Semester in the field

Contact person: Lolly O'Brien
Feb 3 - Apr 30

MarineGEO Workshop

Contact person: Rachel Collin
Mar 1 - Mar 13

Yale University - Introduction to Tropical Field Ecology

Contact person: Liza Comita
Mar 7 - Mar 22





Staff scientist Dave Roubik shares his collection of island bees with people attending this year's community fair on Gobernadora Island. "There's something special about Gobernadora," Dave said after commenting that he has collected a very wide variety of bees on the island in Montijo Bay off of Panama's Pacific coast.

El científico permanente Dave Roubik comparte su colección de abejas colectadas en islas del área con los visitantes de la feria comunitaria de este año en la Isla Gobernadora. "Hay algo especial acerca de Gobernadora", comentó Dave después de mencionar que ha reunido una variedad muy amplia de abejas en la isla ubicada en el Golfo de Montijo, fuera de la costa del Pacífico de Panamá.

ARRIVALS

Andrea Kern
Universidade de Sao Paulo
Biostratigrafia del Neotropico
Center for Tropical Paleocology

Sofia Gripenberg
University of Oxford
Seed predation by insects in tropical
forests: a quantitative food web approach
Barro Colorado Island

Josef Chaib
Lund University
Seeing in the dark: Vision and visual
navigation in nocturnal bees
Barro Colorado Island

Sara Neggazi
University of Helsinki
The evolution of mimicry in *Heliconius*
Gamboa

Gerhard Zotz
University of Oldenburg
The velamen radicum in vascular
epiphytes
Barro Colorado Island

**Adam Pellegrini, Jennifer Peterson,
Patricia Brandt and Anieke van Leeuwen**
Princeton University

Hamish McCallum
Griffith University
Field Course - Princeton University Field
Semester 2015
Galeta Station, Gamboa, Barro Colorado
Island, Bocas del Toro and Tupper

Elaine McCarthy and Dorothy Stradford
Montclair State University
David Kleiner and Jessica McMasters
Barro Colorado Island Mammal Census
Barro Colorado Island

DEPARTURES

Oris Sanjur and Vanessa Bernal
To San Jose, Costa Rica
To visit the Organization for
Tropical Studies

Rachel Collin
To Bocas Del Toro
To oversee administration at the
Research Station

Felix Rodriguez
To Bocas Del Toro
For inspections at the Bocas Station

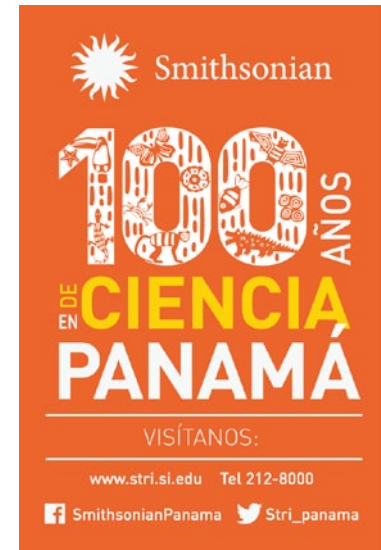
Carmen Mullins
To San Francisco and Los Angeles
To visit a donor with Tony Coates

Hector Guzman and Carlos Guevara
To Changuinola
To tag manatees

PUBLICATIONS

Craine, J. M., Elmore, A. J., Wang, L., Augusto, L., Baisden, W. T., Brookshire, E. N. J., Cramer, M. D., Hasselquist, N. J., Hobbie, E. A., Kahmen, A., Koba, K., Kranabetter, J. M., Mack, M. C., Marin-Spiotta, E., Mayor, J. R., McLaughlan, K. K., Michelsen, A., Nardoto, G. B., Oliveira, R. S., Perakis, S. S., Peri, P. L., Quesada, C.A., Richter, A., Schipper, L. A., Stevenson, B. A., et al. 2015. Convergence of soil nitrogen isotopes across global climate gradients. *Scientific Reports*, 5 doi:10.1038/srep08280

Kapheim, K. M., Nonacs, P., Smith, A. R., Wayne, R. K. and Wcislo, W. T. 2015. Kinship, parental manipulation and evolutionary origins of eusociality. *Proceedings of the Royal Society of London B: Biological Sciences*, 282(1803) doi:10.1098/rspb.2014.2886





Instituto Smithsonian de Investigaciones Tropicales

LXXVII CHARLA SMITHSONIAN DEL MES, COLÓN

ACUICULTURA DE MAR

ABIERTA EN COLÓN

Por:

Javier Visuetti González

Open Blue Sea Farms Panamá

Lugar:

Fuerte De Lesseps, Batería Morgan.
Al lado del Hotel Washington.

Presentador:

Stanley Heckadon-Moreno
Director, Laboratorio Marino de Punta Galeta

Consultas: galeta@si.edu

212-8192/8191

Jueves

26

de febrero

2015 | 7:00 pm



SmithsonianPanama



Laboratorio Marino
de Punta Galeta



Stri_panama

PROGRAMA DE CHARLAS PÚBLICAS

ENTRADA GRATIS

GRACIAS A



Club de Jardinería
Costa de Oro

