



STRI NEWS

MAY 1, 2015



Fossils Inform Marine Conservation

Full story: www.stri.si.edu/issuu.com/strinews/panama

Exposures of Pleistocene sediments containing marine fossils in Jamaica. Data from fossil localities around the globe were analyzed by Finnegan and co-authors in their study of extinction risk in the oceans. (PHOTO Aaron O'Dea/STRI).

Estas exposiciones de sedimentos del Pleistoceno encontradas en Jamaica contienen fósiles marinos. Los datos de localidades de fósiles de todo el mundo fueron analizados por Finnegan y co-autores en su estudio de riesgo de extinción en los océanos. (FOTO Aaron O'Dea / STRI).

SEMINARS

BEHAVIOR DISCUSSION GROUP MEETING

Tue, May 5, 2pm
Jonathan Shik
University of Copenhagen
Tupper Large Meeting Room
Nutrition and transition from small farms to industrialized agriculture in attine ants

TUPPER SEMINAR

Tue, May 5, 4pm
Rich Palmer
University of Alberta
Tupper Auditorium
Genes as leaders or followers in evolution: Evidence from left-right asymmetries

TUPPER PUBLIC TALK

Wed, May 6, 6pm
Mark Torchin
STRI
Tupper Auditorium
Invasiones marinas a través del Canal de Panamá

BAMBI SEMINAR

Thur, May 7, 7:15pm
Rich Palmer
University of Alberta
Barro Colorado Island
Natural and evolutionary history of left-right asymmetries: Gastropods, caddisfly larvae, snapping shrimp and crabs

WHAT'S HAPPENING AT STRI?

FIELD COURSES and SPECIAL EVENTS

Field Course - University of Copenhagen - Tropical Behavioral Ecology and Evolution

Contact person: Rachelle Adams
May 3 – 28

APRORENANB-CEASPA Capacitación local en apoyo al manejo del Humedal Damani-Guariviara y la isla Escudo de Veraguas-Degó

Bocas del Toro Marine Station
Contact person: Charlotte Elton
May 11-12

Panamanian Golden Frog Population Modeling Workshop

Contact person: Roberto Ibáñez
May 12 – 15

Biodiversity day – Bocas del Toro Marine Station

Contact person: Marlon Smith
May 22



On Monday, April 13th, 43 teachers from all provinces of Panama began a two-week intensive training course on tropical coastal and marine habitats at STRI's Galeta Point Marine Laboratory. This is the eighth such course by STRI and Panama's Ministry of Education (MEDUCA) with the financial support of the International Community Foundation (ICF), in San Diego, California. STRI director Matt Larsen gave the inaugural words, followed by the head of MEDUCA for the province of Colon.

El Lunes 13 de abril, 43 profesores de todas las provincias de Panamá iniciaron un entrenamiento intensivo de dos semanas sobre los hábitats costeros y marinos tropicales del laboratorio Marino de Punta Galeta del Smithsonian. Este su octavo año, organizado junto al Ministerio de Educación de Panamá (MEDUCA) con el apoyo financiero de la International Community Foundation (ICF), con sede en San Diego, California. El Director del Smithsonian en Panamá, Matt Larsen dio las palabras de bienvenida, seguido por el representante del MEDUCA para la provincia de Colón.

ARRIVALS

Carlos Avendano
Universidad de San Carlos de Guatemala
Exploring a sustainably managed Mayan landscape:
Salinas Nueve Cerros, Las Verapaces, Guatemala
[Center for Tropical Paleocology](#)

Benjamin Adams
University of Louisville
Ecology and Behavior of Arboreal Arthropods
Agua Salud and Barro Colorado Island

Sarah Batterman
Princeton University
Ecosystem Dynamics in Natural
and Planted Forests in Agua Salud
[Agua Salud](#)

Jelena Bujan
University of Oklahoma
Experimental MacroEcology-the kinetics of
biodiversity in soil microbes and invertebrates
[Barro Colorado Island](#)

Mathieu Guillemette
University of Montreal
Participatory intercultural land-use planning in
Eastern Panama
[Tupper](#)

Wendy Yang, Nate Lawrence, Jonathan Treffkorn and William Eddy
University of Illinois Urbana-Champaign
The influence of long-term nitrogen fertilization
on the aboveground primary productivity of a
neotropical montane forest
[Fortuna](#)

Matthew Dugas
Case Western Reserve University
Simone Blomenkamp
Bayreuth University
Yu-San Yang
Tulane University
When do divergent mate preferences lead to
reproductive isolation?
[Bocas Del Toro](#)

Antonin Crumière
Institute of Functional Genomics of Lyon
Bonnie Wall
Universität Konstanz

Francesco Turillazzi
University of Florence

Angelo Concilio
University of Turin

Tyler Larsen
Washington University
Jonathan Shik, Bitao Qiu, Anne Andersen, Anne-Mette Kroner, Winnie Rytter, Jakob Spile, Andrea-Pil Holm, Thomas Kaae and Jacobus Boomsma
University of Copenhagen
Field Course - University of Copenhagen - Tropical
Behavioral Ecology and Evolution
[Gamboa](#)

DEPARTURES

Alicia Ibáñez and Rodolfo Flores
To Veraguas Province, Coiba and
Santa Fe
To supervise trail construction in
Coiba National Park and collect a
new plant species in Santa Fe

Deyvis Gonzalez
To Panama
For diving medical examination for
diving STRI certification & Diving
and Safety Training

Allen Herre
To Washington, DC
To give a talk for the SI BioGenomic
Initiative and to present research
relevant to the grant award

Juan Maté
To Santiago, Veraguas
For coral reef monitoring at Las
Perlas, in the Gulf of Panama

Matthew Larsen
To Washington DC
To attend the Smithsonian National
Campaign Steering Committee
Meeting, to meet with STRI's
Development offices as well as
meetings with other SI departments
for follow up

PUBLICATIONS

Farine, D. R. 2015. Proximity as a proxy
for interactions: issues of scale in social
network analysis. *Animal Behaviour*,
doi:10.1016/j.anbehav.2014.11.019

Farine, D. R., Firth, J. A., Aplin, L.M.,
Crates, R. A., Culina, A., Garroway, C. J.,
Hinde, C. A., Kidd, L. R., Milligan, N. D.,
Psorakis, I., Radersma, R., Verhelst, B.,
Voelkl, B. and Sheldon, B. C. 2015. The
role of social and ecological processes in
structuring animal populations: a case
study from automated tracking of wild
birds. *Royal Society Open Science*, 2(4)
doi:10.1098/rsos.150057

Fayle, T. M., Turner, E. C., Basset, Y.,
Ewers, R. M., Reynolds, G. and Novotny,
V. 2015. Whole-ecosystem experimental
manipulations of tropical forests. *Trends
in Ecology & Evolution*, doi:10.1016/j.
tree.2015.03.010

Gilbert, G., Briggs, H. M. and Magarey,
R. 2015. The impact of plant enemies
shows a phylogenetic signal. *Plos One*,
10(4): e0123758 doi:10.1371/journal.
pone.0123758

Halfwerk, W. and Slabbekoorn, H. 2015.
Pollution going multimodal: the complex
impact of the human-altered sensory
environment on animal perception
and performance. *Biology Letters*, 11(4)
doi:10.1098/rsbl.2014.1051

Parker, I., Saunders, M., Bontrager, M.,
Weitz, A. P., Hendricks, R., Magarey,
R., Suiter, K. and Gilbert, G. 2015.
Phylogenetic structure and host
abundance drive disease pressure in
communities. *Nature*, 520(7548): 542-544.
doi:10.1038/nature14372

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Questions/comments
Preguntas/comentarios



@stri_panama

#smithsonian

Invasiones marinas a través del canal



Mark Torchin
Ecología Marina
Instituto Smithsonian
de Investigaciones Tropicales

6 de mayo
2015 | 6pm

Centro de Conferencias
Earl S. Tupper, Ancón – Panamá

Información: 212-8000 | ventocij@si.edu

PRESENTADO POR PROGRAMAS PÚBLICOS de STRI
ENTRADA LIBRE



PRÓXIMA CHARLA

Miércoles 3 de junio

Historia ambiental y social de la Cuenca del
Canal de Panamá durante la Era Precolombina
(15,000 – 500 años atrás)

Dr. Richard Cooke – Instituto Smithsonian

SERIE DE CHARLAS

CIENCIA
Smithsonian
EN EL CANAL DE PANAMÁ

100 años revelando maravillas

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SmithsonianPanama



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Instituto Smithsonian de Investigaciones Tropicales