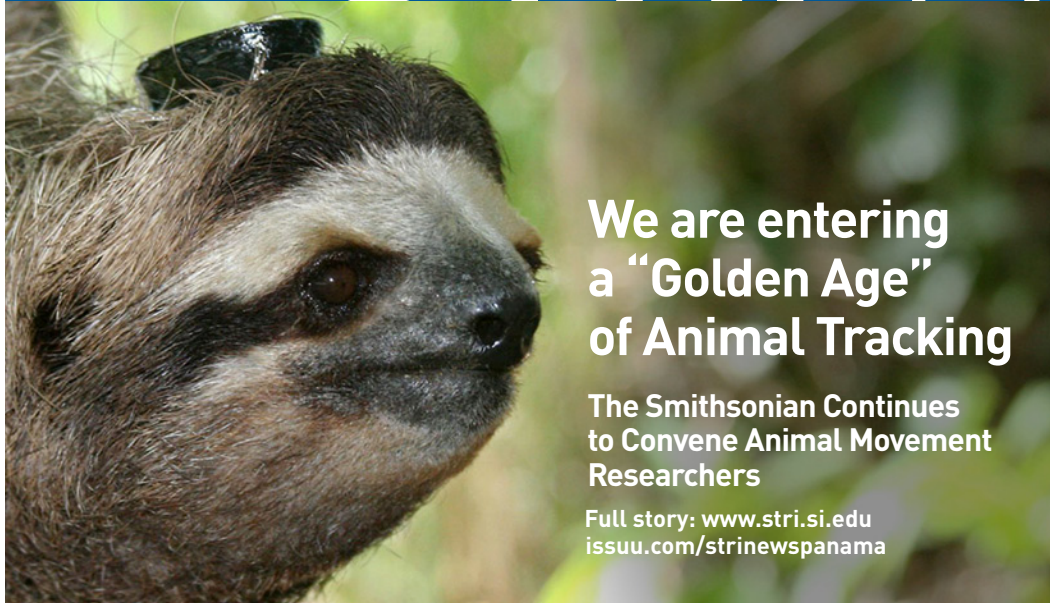




STRINNEWS

JUN 12, 2015



We are entering a "Golden Age" of Animal Tracking

The Smithsonian Continues to Convene Animal Movement Researchers

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

Visiting scientists from the Max Planck Institute of Ornithology used the Automated Radio Telemetry System on Barro Colorado Island in Panama to monitor sleep in wild sloths as they moved through the forest (Photo by Niels Rattenborg, Max Planck Institute for Ornithology)

Científicos visitantes del Max Planck Institute of Ornithology utilizaron un sistema de radio telemetría automatizada para monitorear el sueño de los perezosos a medida que se movían en el bosque de la Isla Barro Colorado en Panamá. (Imagen cortesía de Niels Rattenborg, Max Planck Institute for Ornithology)

→ SEMINARS

TUPPER SEMINAR

Tue., Jun. 16, 4pm

Oris Rodriguez

Royal Holloway, University of London

Tupper Auditorium

Miocene fossil woods from Panama and their palaeoenvironmental implications

BAMBI SEMINAR

Thur., Jun. 18, 7:15pm

Jenalle Eck

Ohio State University

Barro Colorado Island

TBA

→ WHAT'S HAPPENING AT STRI?

FIELD COURSES and SPECIAL EVENTS

Field Course - University of Vermont

Contact person: Laura May-Collado

June 1 - 15

Field Course - Arizona State University

Contact person: Nico Franz

June 6 - 26

NSF-ARTS: Integrative Research and Training in Tropical Taxonomy Workshop on Tropical Phycology

Contact person: Rachel Collin

June 20 - 5

ForestGEO Workshop

Contact person: Kristin Powell

June 25 - July 9

Yale School of Forestry, 2015 Field Course at Agua Salud.





BOOK PRESENTATION / PRESENTACIÓN DE LIBRO

On June 6 and 7th STRI presented a small exhibit called “Fossils tell the story” to celebrate the publication of *Historia Natural del Istmo de Panamá*, written by STRI research technician Félix Rodríguez and staff scientist Aaron O’Dea.

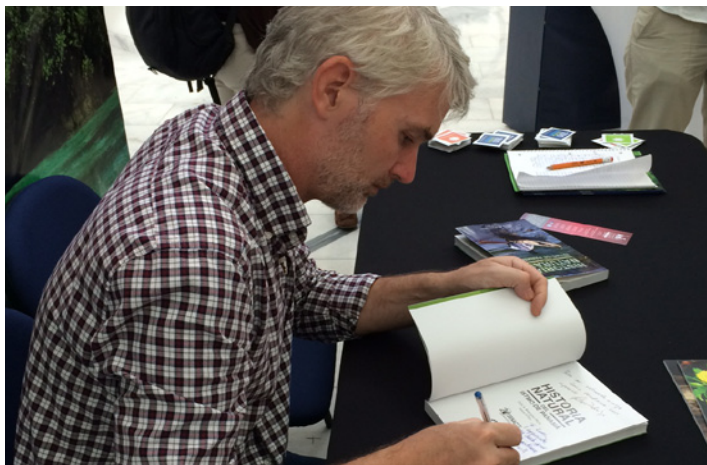
Chapter authors, including Félix, Aaron, Maritza Moya and Tony Coates were on hand to sign a number of free copies of the book, which is also on sale at Hombre de La Mancha and at the STRI bookstore at the Tupper Center in Ancon.

Special thanks to Lina Gonzalez and a very hard working crew who created the exhibit and to the guides from Punta Culebra who hosted educational activities for young visitors.

Los días 6 y 7 de junio, en Albrook Mall, pasillo del Koala realizamos la exhibición “Los fósiles nos cuentan la historia” con la presentación del libro *Historia Natural del Istmo de Panamá* escrito por Félix Rodríguez y Aaron O’Dea.

Los autores de algunos capítulos del libro, entre ellos Félix, Aaron, Maritza Moya y Tony Coates estuvieron presentes para autografiar ejemplares. Los libros están la venta en Hombre de La Mancha y en la librería de STRI en el Centro Tupper de Ancón.

Un agradecimiento especial a Lina González y un equipo muy trabajador que creó la exhibición y a los guías de Punta Culebra que organizaron actividades educativas para los jóvenes visitantes.







BAYANO DOCUMENTARY FILM FEST / FESTIVAL DE CINE DOCUMENTAL DEL BAYANO

From June 2-6, the Third International Documentary Film Festival was held in Bayano, Panama. Intended primarily for the local audience: indigenous Kuna and Emberá and campesinos, the yearly event is organized by “United to Protect our Watershed,” an initiative of the Upper Bayano Emberá General Congress, the Kuna Mdungandi Regional Organization, the Panama Province Campesino Union and the Platanilla Producers Association.

Support for the festival was provided by McGill University, STRI, Cosmovisión and the Margaret A. Cargill Foundation.

The documentaries shown are primarily Latin American and Panamanian productions including shorts produced by a group of young Bayano residents. Their instructors included Francisco Laurent, from the Wakiponi group in Canada, Lauliano Martinez and Ivan Jaripio, and Panamanian director Irina Ruiz, from the NGO Acampadoc from Los Santos Province. STRI coordinators for the event included Jorge Ventocilla and Lady Mancilla.

Del 2 al 6 de junio 2015, se realizó en la región del Alto Bayano, Provincia de Panamá, el III Festival Internacional de Cine Documental del Bayano. El evento, dirigido principalmente a la población local - indígenas emberá, kuna y campesinos - es organizado por el proyecto “Juntos para Proteger Nuestra Cuenca”, iniciativa del Congreso General Emberá del Alto Bayano, la Organización Regional Kuna de Madungandi, el Congreso Kuna de Madungandi, la Asociación Unión de Campesinos de la Provincia de Panamá y la Asociación de Productores de Platanilla.

El Festival contó con apoyo académico, administrativo y financiero la Universidad McGill del Canadá, el Smithsonian, el programa Cosmovisión y la Fundación Margaret A. Cargill.

Los documentales son principalmente producciones latinoamericanas y panameñas, incluyendo cortos realizados por jóvenes del Bayano. El grupo de instructores estuvo conformado por Francisco Laurent, de Wapikoni, Lauliano Martinez e Ivan Jaripio, jóvenes kuna y embera respectivamente, y la cineasta panameña Irina Ruiz, de la ONG Acampadoc de la provincia de Los Santos.

LINK TO FILMS / ENLACE A PELÍCULAS <http://goo.gl/CDvyGS>



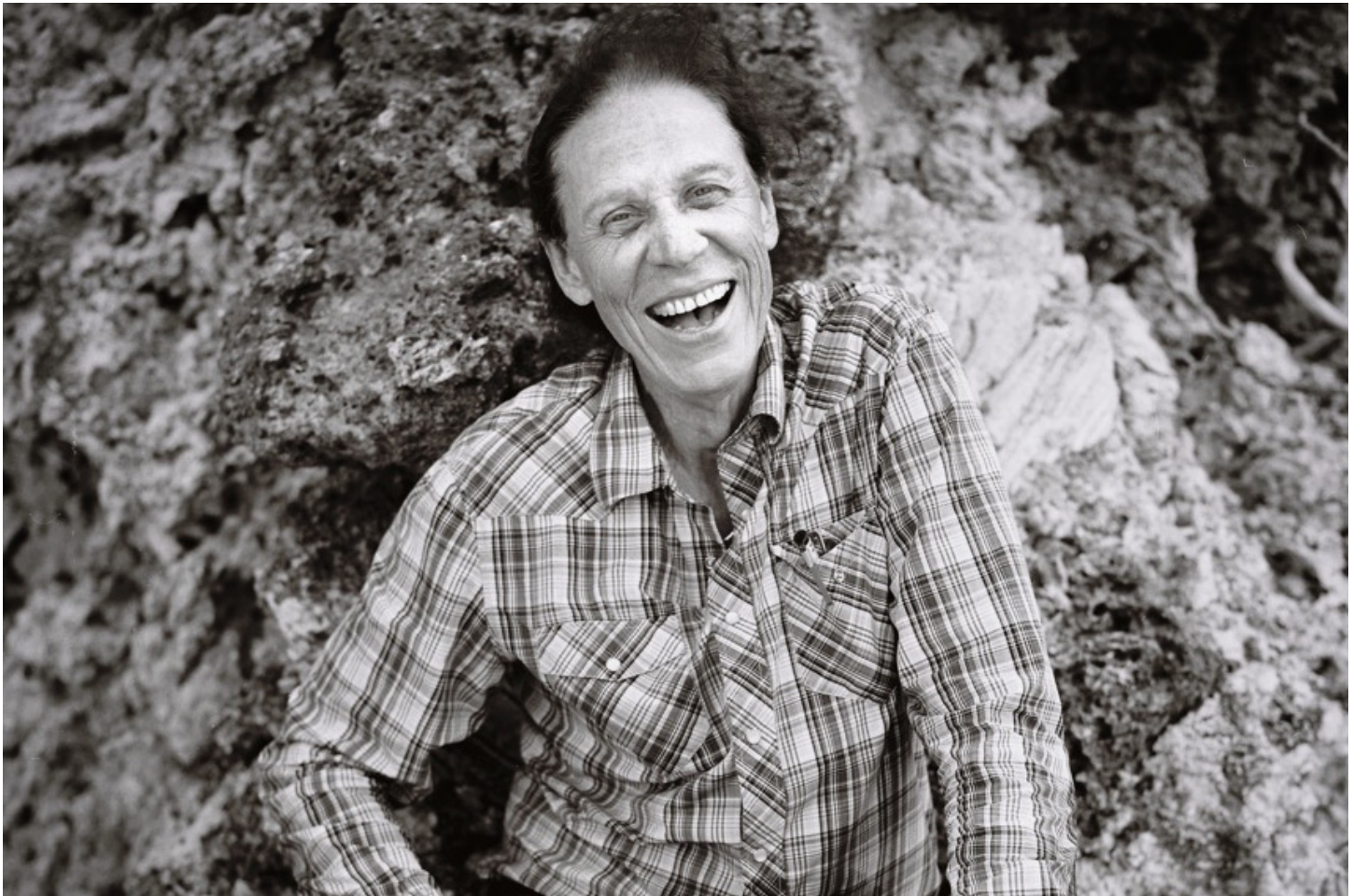


Photo by Aaron O'Dea

JACKSON RECEIVES LIFETIME ACHIEVEMENT AWARD

At their Ocean Awards Gala in Washington, D.C. on June 9, the National Marine Sanctuary Federation honored STRI senior scientist emeritus/Scripps Institution of Oceanography professor emeritus Jeremy Jackson for his contributions to understanding human impacts on the oceans and the ecology and evolution of tropical seas with a Lifetime Achievement Award.

Resulting in the publication of more than 150 scientific journal articles and 10 books, Jackson's career spans the disciplines of ecology, geology, marine biology and paleontology. Based on the idea that each generation tends to view the health of the environment as they know it as its baseline condition, while it continues to degrade through time as a result of human intervention, Jackson became a staunch advocate for marine reserves.

JACKSON RECIBE RECONOCIMIENTO POR TODA SU TRAYECTORIA

En la Gala Ocean Awards en Washington, DC, el 09 de junio, la Federación Nacional de Santuarios Marinos de los EE.UU honró Jeremy Jackson, científico emérito senior del Smithsonian y profesor emérito de la Institución Scripps de Oceanografía por su contribución a la comprensión de los impactos humanos sobre los océanos y la ecología y la evolución de los mares tropicales con un reconocimiento por toda su trayectoria.

Con más de 150 artículos publicados en revistas científicas y 10 libros, la carrera de Jackson abarca las disciplinas de la ecología, la geología, la biología marina y la paleontología. Basado en la idea de que cada generación tiende a ver la salud del medio ambiente como la ven en ese momento, como su estado básico, mientras esta continúa degradándose con el tiempo como resultado de la intervención humana. Jackson se convirtió en un firme defensor de las reservas marinas.

BIGGEST BEASTS EVER / LAS BESTIAS MÁS GRANDES



Photo by Blink Films – <http://www.blinkfilmsuk.com>

Catalina Pimiento and her Megalodon shark fossils from the Gatun Formation in Panama star this month on National Geographic TV's Top 10 Biggest Beasts Ever. Pimiento is wrapping up her PhD in Biology with a minor in Educational Technology at the University of Florida as part of the National Science Foundation-sponsored Panama PIRE project, a five-year effort to study fossils unearthed during the Panama Canal expansion.

Catalina Pimiento y sus fósiles de Megalodón, encontrados en la formación Gatún en Panamá aparecerán este mes en el programa de National Geographic Top 10 Biggest Beasts Ever (el top 10 de las bestias más grandes). Pimiento está terminando su doctorado en biología con un técnico en tecnología de la educación en la Universidad de La Florida como parte del proyecto PIRE Panamá, patrocinado por la Fundación Nacional de las ciencias de los EE.UU, un esfuerzo de 5 años para estudiar los fósiles desenterrados durante los proyectos de expansión del Canal de Panamá.

A screenshot of the National Geographic website page for the TV show 'TOP 10 BIGGEST BEASTS EVER'. The page features a yellow header with navigation links for TV SHOWS, VIDEOS, PHOTOS, and TV LISTINGS. The main content area has a dark background with the show title in large yellow letters. Below the title, there is a description of the show, an episode guide, and a photo gallery. The page also includes a search bar and a 'Register / Log In' link in the top right corner.

<http://natgeotv.com/uk/top-10-biggest-beasts-ever>

ARRIVALS

Steven Vollmer
Northeastern University
Evolutionary genetics of reef-building corals on both sides of the Isthmus

Bocas Del Toro

Grace Davis
University of California – Davis
Demography and Intergroup Relationships in *Cebus capucinus*

Barro Colorado Island

Germán Bayona
Corporación Geológica Ares
Field Course - Field camp Universidad de los Andes

Panama

Hannah Wilson and Gina Zwicky
Tulane University
Behavioral Ecology of Northern and Wattled Jacana Hybridization – Continuation

Gamboa

Sofia Gripenberg and Andrew Crump
University of Oxford
Seed predation by insects in tropical forests: a quantitative food web approach

Tupper, Barro Colorado Island

Laura Bush
Bangor University
María Croce
Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET)

Sofie Vranken
Ghent University
Lynn Cornish
St. Francis-Xavier University

Marycruz Rojas
Universidad de Costa Rica

Maycol Madrid
Universidad de Panamá

William Schmidt
University of Louisiana at Lafayette

Glenda Hunter
Vancouver Island University
Karla Pedraza and Laurie McConico
Universidad Autónoma de Baja California Sur

Fabio Silva and Talita Pinto
Universidade de Sao Paulo

Robin Taylor, Wilson Freshwater and Micah Marty
University of North Carolina Wilmington
Tropical Field Phycology - Marine Algal Diversity of Panama

Bocas Del Toro

DEPARTURES

Matthew Larsen
To Nairobi, Kenya
For meetings at National Museums of Kenya and a meeting with Kenya Wildlife Services

William Wcislo
To Washington, DC
To receive an award and to make a presentation to showcase research on BioGenomics, among other awardees

Patrick Jansen
To Drakensberg, South Africa
To present a keynote at the 6th International Symposium on Frugivores and Seed Dispersal

Jacob Slusser and Saskia Santamaria
To Santiago, Veraguas Province, Panama
To attend and present at the 1st Sustainable Land Management Forum

Harilaos Lessios and Axel Calderon
To Coiba, Panama
To collect *Tripneustes depressus*

Owen Mcmillan
To Champaign-Urbana, Illinois
To meet with the University of Illinois Institute for Genomic Biology

Catherine Potvin and Jose Monteza
To Darien, Panama
To present the results of the carbon measurements done last year

Rachel Collin
To Bocas del Toro
For the Bocas NSF-ARTS project (Taxonomy training)

Carlos Jaramillo
To Bogota, Armenia and Bucaramanga, Colombia
For field work and to attend the World Palm Symposium 2015

Andres Hernandez and Omar Hernandez
To San Lorenzo, Colon
For the plant and tree annual census

Ben Turner
To Green Bay, Wisconsin
For fieldwork at the Wabikon 25 ha CTFs plot

PUBLICATIONS

Aisenberg, A., Barrantes, G. and Eberhard, W. 2015. Post-copulatory Sexual Selection in Two Tropical Orb-weaving Leucauge Spiders. In: Peretti, Alfredo V. and Aisenberg, Anita, Cryptic female choice in arthropods: Patterns, mechanisms and prospects. *Germany: Springer*, pp.79-108.

Dale, S. E., Turner, B. L. and Bardgett, R. D. 2015. Isolating the effects of precipitation, soil conditions, and litter quality on leaf litter decomposition in lowland tropical forests. *Plant Soil*, doi:10.1007/s11104-015-2511-8

Dugas, M. B., Halbrook, S. R., Killius, A. M., del Sol, J. F. and Richards-Zawacki, C. 2015. Colour and Escape Behaviour in Polymorphic Populations of an Aposematic Poison Frog. *Ethology*, doi:10.1111/eth.12396

Helbig-Bonitz, M., Ferger, S. W., Böhning-Gaese, K., Tschapka, M., Howell, K. and Kalko, E. K. V. 2015. Bats are Not Birds – Different Responses to Human Land-use on a Tropical Mountain. *Biotropica*, doi:10.1111/btp.12221

Jaramillo, C., Moreno, F., Hendy, A. J. W., Sanchez-Villagra, M. and Marty, D. 2015. Preface: La Guajira, Colombia: a new window into the Cenozoic neotropical biodiversity and the great America biotic interchange. *Swiss Journal of Palaeontology*, doi:10.1007/s13358-015-0075-0

Murria, C., Rugenski, A. T., Whiles, M. R. and Vogler, A. P. 2015. Long-term isolation and endemism of Neotropical aquatic insects limit the community responses to recent

amphibian decline. *Diversity and Distributions*; 1-12. doi:10.1111/ddi.12343

Ojalehto, B. and Medin, D. 2015. Emerging Trends in Culture and Concepts. *Emerging Trends in the Social and Behavioral Sciences*, doi:10.1002/9781118900772.etrds0064

Peay, K. G., Russo, S. E., McGuire, K. L., Lim, Z., Chan, J. P., Tan, S. and Davies, S. J. 2015. Lack of host specificity leads to independent assortment of dipterocarps and ectomycorrhizal fungi across a soil fertility gradient. *Ecology Letters*, doi:10.1111/ele.12459

Pimiento, C. and Balk, M. A. 2015. Body-size trends of the extinct giant shark *Carcharocles megalodon*: a deep-time perspective on marine apex predators. *Paleobiology*, 41(3): 479-490. doi:10.1017/

pab.2015.16

Riehl, C. and Strong, M. J. 2015. Social living without kin discrimination: experimental evidence from a communally breeding bird. *Behavioral Ecology and Sociobiology*, doi:10.1007/s00265-015-1942-9

Robertson, D. R. 2015. Coincidental resemblances among coral reef fishes from different oceans. *Coral Reefs*, doi:10.1007/s00338-015-1309-8

Torchin, M. E., Miura, O. and Hechinger, R. F. 2015. Parasite species richness and intensity of interspecific interactions increase with latitude in two 6 wide-ranging hosts. *Ecology*, doi:10.1890/15-0518.1

Zhu, Y., Comita, L., Hubbell, S. P. and Ma, K. 2015. Conspecific and phylogenetic density-

dependent survival differs across life stages in a tropical forest. *Journal of Ecology*, doi:10.1111/1365-2745.12414

Wolfe, B. T., Kursar, T. A. 2015. Diverse patterns of stored water use among saplings in seasonally dry tropical forests. *Oecologia*. doi: 10.1007/s00442-015-3329-z

Jaramillo, C., Cadena, E. and Herrera, F. 2014. Diversidad fósil en el valle de Cerrejón. In: Baez, Lina and Trujillo, Fernando, Biodiversidad en Cerrejón. Bogota, Colombia: Carbones de Cerrejón, Fundación Omacha, *Fondo para la Acción Ambiental y la Niñez*, pp.39-55.