



STRI NEWS

JUN 5, 2015



New Tropical Tree Species Await Discovery

Full story: www.stri.si.edu/issuu.com/strinewspanama

Calyptrogyne costatifrons

The palm genus *Calyptrogyne* is native to Central America. Eleven of the 17 known species are endemic to Panama. Because many tropical plant species are only found in small, hard to reach areas, the total number of plant species in the tropics is still unknown.

Photo credit: Rolando Perez

Calyptrogyne costatifrons

La palma del género *Calyptrogyne* es nativa de América Central. Once de las 17 especies conocidas son endémicas de Panamá. Debido a que muchas especies de plantas tropicales sólo se encuentran en pequeñas zonas de difícil acceso, el número total de especies de plantas en los trópicos es aún desconocido.

Imagen cortesía de: Rolando Pérez

SEMINARS

BEHAVIOR DISCUSSION GROUP MEETING

Tues., Jun. 9, 2pm

Arthur Timmermans

Tupper Large Meeting Room

Role of early experiments on plasticity in mate choice: *Bicyclus anynana* case

TUPPER SEMINAR

Tues., Jun. 9, 4pm

Megan L. Porter

Department of Biology, University of Hawaii at Manoa

Tupper Auditorium

Vision and behavior in stomatopod crustaceans: simple tasks with complex solutions

BAMBI SEMINAR

Thur., Jun 11, 7:15pm

TBA

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

Bayano Film Festival

Contact person: Jorge Ventocilla

June 2- 6

Book presentation at Albrook Mall:

Historia Natural del Istmo de Panamá

Contact persons: Aaron O'Dea and Felix Rodriguez

June 6 - 7

Field Course - Arizona State University

Contact person: Nico Franz

June 6 - 26

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



SIGN AGREEMENT / FIRMAN ACUERDO



STRI SIGNS COOPERATIVE AGREEMENT WITH UMIP

STRI and Universidad Marítima Internacional de Panamá (UMIP) signed a five-year institutional cooperative agreement. (Top Photo) From left to right: Matthew Larsen, STRI's Director and Fernanda Billard UMIP's Deputy Dean

SMITHSONIAN FIRMA ACUERDO DE COOPERACIÓN CON LA UMIP

STRI y la Universidad Marítima Internacional de Panamá (UMIP) firmaron un acuerdo de cooperación institucional de cinco años. (Imagen superior) De izq. a der.: Matthew Larsen, Director de STRI y Fernanda Billard, Rectora encargada de la UMIP.

DONATION / DONACIÓN



STRI RECEIVES DONATION FROM SUS BUENOS VECINOS FOUNDATION

Thanks to the efforts of Fundación Smithsonian de Panamá, Banco General's Sus Buenos Vecinos Foundation made a donation to STRI's Fellowship Program. From left to right: Gladys Gerbaud, director and editor of Banco General's En Exclusiva magazine and member of Fundación Smithsonian, Matt Larsen, Director of STRI and Aminta Saldaña, Deputy Director of Sus Buenos Vecinos Foundation.

STRI RECIBE DONACIÓN POR PARTE DE LA FUNDACIÓN SUS BUENOS VECINOS

Gracias a las gestiones de la Fundación Smithsonian de Panamá, la Fundación Sus Buenos Vecinos del Banco General otorgó una donación para el Programa de Becas de STRI. De izq. a Der. Gladys Gerbaud, directora y editora de la revista En Exclusiva del Banco General y miembro de la Fundación Smithsonian, Matt Larsen, Director de STRI y Aminta Saldaña, Sub-Directora de la Fundación sus buenos vecinos.

NEW HIRES AT STRI

**We want to congratulate our new hires /
Deseamos felicitar a nuestros compañeros**

Data gathering / Captadora de Datos
- Bethsy Ramirez de Bonilla

Research Technician I / Técnico de Investigación I
- David Brassfield

Design Manager/ Administrador de Diseño
- Boris Rivera

Research Assistant II / Asistente de Investigación II
- Abelino Valdes

Janitor/ Aseadora
- Melisa Cuesta

Administrative Assistant I / Asistente Administrativa I
- Karold Agrioyanis

ARRIVALS

Andria Salas
University of Texas at Austin
The Effects of Coral Degradation on Reef Acoustic Cues and Juvenile Fish Movement Behavior
Bocas Del Toro

Odalysa Breedy
Universidad de Costa Rica
Taxonomy of Octocorals
Naos Marine Lab and Tupper

Holland Elder
Oregon State University
Searching for the Genomic Basis of Thermal Tolerance in the Coral Holobiont
Bocas Del Toro

Estibali Wilkie
Universidad de Panamá
Sapling recruitment and mortality patterns in relation to adult dispersion in a bat-dispersed tropical tree, *Calophyllum longifolium* (Calophyllaceae)
Barro Colorado Island

Amanda Savagian
University of Pennsylvania
Neighbor-Stranger Discrimination Abilities in the Greater Ani
Barro Colorado Island

Hamilton Farris
Louisiana State University Health Sciences Center
Multi-modal communication
Gamboa

Margaret Crofoot
University of California – Davis
Food for thought: Does “smart foraging” explain how primates can afford big brains?
Barro Colorado Island

Katherine Dziedzic
Oregon State University
Coral Reef Acclimation Association Study
Bocas Del Toro

Holly Cronin
McGill University
Seaweed eco-friendly aquaculture and their applications
Galeta Station

Jason Regina
University of Wyoming
Ecosystem Services in the Panama Canal Watershed
Naos Marine Lab and Tupper

Caryn Walker and Roberta Ethington
University of Louisville
Ecology and Behavior of Arboreal Arthropods
Barro Colorado Island

Nicole Gottdenker and Karen Wu
University of Georgia
Integrating anthropology, ecoepidemiology, and veterinary science to define drivers of vector-borne zoonotic disease transmission in changing landscapes
Panama

Samantha Csik, Rebecca Certner and Felicia Aronson
Northeastern University
Evolutionary genetics of reef-building corals on both sides of the Isthmus
Bocas Del Toro

Meghan Duell, Dylan George-Sills, Breanna Rimbey, Steffany Franklin and Alexandra Brunet-Giambalvo
Arizona State University
Field Course - ASU - Tropical Biology – 2015
Gamboa and Barro Colorado Island

Angelly Vasquez
Universidad de Antioquia
Julie Jung and Nora Moskowit
Boston University
Development, behavior, and adaptive plasticity at life history switch points
Gamboa

Christina Varian
University of Georgia
Thomas Yetter and Anchal Padukone
Princeton University
Influences of food web dynamics on multi-host vector-borne pathogen transmission: using Chagas disease as a model system
Tupper

Arielle Johnson
Brown University
Carolyn Gigot
Harvard University
Paola Gomez
McGill University

Kathryn Cooney
Smithsonian Tropical Research Institute
Abbey Neat
University of California – Davis
Kate Morrison
University of California - Santa Cruz
Brandon Guell
University of California, San Diego
Lillian Hislop
University of Illinois Urbana-Champaign
Ciara Kernan
University of Pittsburgh
Joseph Wright
Virginia Polytech Inst. & State University
Kirsten Steinke
Western Washington University in Bellingham
Field Course - REU Internship Program – 2015
Center for Tropical Paleocology, Naos Marine Lab, Gamboa, Bocas del Toro, Tupper and Barro Colorado Island

DEPARTURES

Rachel Page
To Anchorage, Alaska
For the Animal Behavior meeting

PUBLICATIONS

Costa, F. V., Capellotto C., F. R., Magnusson, W. E., Franklin, E., Zuanon, J., Cintra, R., Luizao, F., Camargo, J. L. C., Andrade, A., Laurance, W., Baccaro, F., Souza, J. and Espiritu-Santo, H. 2015. Synthesis of the first 10 years of long-term ecological research in Amazonian Forest ecosystem-implications for conservation and management. *Natureza & Conservacao*, doi:10.1016/j.ncon.2015.03.002

Cramer, K. L., Leonard-Pingel, J., Rodriguez, F. and Jackson, J. B. C. 2015. Molluscan subfossil assemblages reveal the long-term deterioration of coral reef environments in Caribbean Panama. *Marine Pollution Bulletin*, doi:10.1016/j.marpolbul.2015.05.031

Luque, J., Agic, H., Anderson, E. P., Dahl, R., Donovan, M., Field, D. J., Fronimos, J. A., Hodges, M., Motz, G. J., Roney, R., Saupe, E. E., Sheffield, S., Tackett, L., Tashman, J. N., and Wawrzyniak, Z. 2015. Diversity in all its forms: IPC4

as an invaluable opportunity for STEPPE grant recipients. *GSA Today*, 25(1): 24-25.

O'Mara, M. T. 2015. Ecological risk aversion and juvenile ring-tailed lemur feeding and foraging. *Folia Primatologica; International Journal of Primatology*, 86(1-2): 96-105. doi:10.1159/000368275

Piperno, D. R., McMichael, C. and Bush, M. B. 2015. Amazonia and the Anthropocene: What was the spatial extent and intensity of human landscape modification in the Amazon Basin at the end of prehistory? *The Holocene*, doi:10.1177/0959683615588374

Rodgers, T. W., Giacalone, J., Heske, E. J., Pawlikowski, N. C. and Schooley, R. L. 2015. Communal latrines act as potentially important communication centers in ocelots *Leopardus pardalis*. *Mammalian Biology - Zeitschrift Für Säugetierkunde*, doi:10.1016/j.mambio.2015.05.004

Sauter, M. L., Gould, L., Cuozzo, F. P. and O'Mara, T. 2015. Ring-Tailed Lemurs: A Species Re-Imagined. *Folia Primatologica*, 86(1-2): 5-13. doi:10.1159/000370321

Slik, J. W. F., Arroyo-Rodríguez, V., Aiba, S., Alvarez-Loayza, P., Alves, L. A. F., Ashton, P., Balvanera, P., Bastian, M. L., Bellingham, P. J., Berg, E. van den, B., Bispo, L. da Conceição, P. Blanc, L., Böhning-Gaese, K., Boeckx, P., Bongers, F., Boyle, B., Bradford, M., Brearley, F. Q., Hockemba, M., Breuer-NDoundou, B., S., Matos, D., Calderado L., Castillo-Santiago, M., Catharino, E. L. M., Shauna-Lee, C. et al. 2015. An estimate of the number of tropical tree species. *Proceedings of the National Academy of Sciences*, doi:10.1073/pnas.1423147112

Villarreal-Treviño, C., Vásquez, G. M., Lopez-Sifuentes, V., Escobedo-Vargas, K., Huayanay-Repetto, A., Linton, Y., Flores-Mendoza, C., Lescano, A. G. and Stell, F. M. 2015. Establishment of a free-mating, long-standing and highly productive laboratory colony of *Anopheles darlingi* from the Peruvian Amazon. *Malaria Journal*, 14(1) doi:10.1186/s12936-015-0733-0

Winter, K. and Holtum, J. 2015. Cryptic crassulacean acid metabolism (CAM) in *Jatropha curcas*. *Functional Plant Biology*, doi:10.1071/FP15021

Zeng, Y., Lin, Y., Abundo, A. and Dudley, R. K. 2015. The visual ecology of directed aerial descent in first-instar nymphs of the stick insect *Extatosoma tiaratum*. *The Journal of Experimental Biology*, doi:10.1242/jeb.109553

Lagos, M. and Barrios, H. 2014. Listado sinoptico de especies de *Cerambycidae* (Coleoptera) capturados en trampas malaise en la Isla de Barro Colorado, Panama. *Scientia*, 24(1): 7-28.

Lanuza-Garay, A. and Santos Murgas, A. 2014. El género *Parachalastinus* (Galileo Martins 2001) (Coleoptera: Cerambycidae): Revision taxonomica, nuevo reporte, aspectos morfológicos y ecológicos. *Scientia*, 24(1): 29-48.

Santos Murgas, A., Lopez Chong, O. G. and Miller, M. J. 2014. Hippoboscidae (Insecta: Diptera) ectoparasitos en aves de Panama, claves de identificación, hospederos y distribución. *Scientia*, 24(1): 49-68.

Vasquez, S. and Pimiento, C. 2014. Tiburones y Rayas de la formación Tonosi (Eoceno de Panama). *Revista Geológica De America Central*, 51: 165-169.

3^{ER} FESTIVAL DE CINE INTERNACIONAL DOCUMENTAL del BAYANO



2^{AL} 6 DE JUNIO 2015

EN CINCO COMUNIDADES DE LA REGIÓN DEL ALTO BAYANO

AKUAYALA · PIRIATÍ EMBERÁ · IBEDI KUNA
PLATANILLA · TORTÍ

6:00 PM ENTRADA LIBRE



Smithsonian



COSMOVISION
COOPERACIÓN, CINE Y DESARROLLO

wapikoni 

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