



## ***Publicaciones de la Reserva Ecológica Bijagual***

## ***Publications from the Reserva Ecológica Bijagual***

actualizado el septiembre del 2018 / updated September 2018

### **Articles**

Borg, Agneta Julia, Lucinda A. McDade, and Jürg Schönenberger. 2008. Molecular phylogenetics and morphological evolution of Thunbergioideae (Acanthaceae). *Taxon* 57:811-822.

Cove, Michael V., Lain E. Pardo Vargas, Juan Camilo de la Cruz, R. Manuel Spinola, Victoria L. Jackson, Joel C. Saenz, and Olivier Chassot. 2013. Factors influencing the occurrence of the endangered Baird's tapir *Tapirus bairdii*: potential flagship species for a Costa Rican biological corridor. *Oryx* 48: 402-409.

Jones, Mathew F., and Stephen T. Hasiotis. 2018. Terrestrial behavior and trackway morphology of Neotropical bats. *Acta Chiropterologica* 20(1): 229-250.

Maas, Paul J.M., Lubbert Y. Th. Westra, and Marloes Vermeer. 2007. Revision of the Neotropical general *Bocageopsis*, *Onychopetalum*, and *Unonopsis* (Annonaceae). *Blumea* 52:413-554.

Pardo Vargas, Lain E., Michael V. Cove, R. Manuel Spinola, Juan Camilo de la Cruz, and Joel C. Saenz. 2016. Assessing species traits and landscape relationships of the mammalian carnivore community in a neotropical biological corridor. *Biodiversity Conservation* 25:739-752.

Romero, Andrea, and Robert M. Timm. 2013. Reproductive strategies and natural history of the arboreal Neotropical vesper mouse, *Nyctomys sumichrasti*. *Mammalia* 77(4): 363-370.

Schank, Cody J., Michael V. Cove, Marcella J. Kelly, Eduardo Mendoza, Georgina O'Farrill, Rafael Reyna-Hurtado, Ninon Meyer, Christopher A. Jordan, Jose F. González-Maya, Diego J. Lizcano, Ricardo Moreno, Michael T. Dobbins, Victor Montalvo, Carolina Sáenz-Bolaños, Eduardo

Carillo Jimenez, Nereyda Estrada, Juan Carlos Cruz Díaz, Joel Saenz, Manuel Spínola, Andrew Carver, Jessica Fort, Clayton K. Nielsen, Francisco Botello, Gilberto Pozo Montuy, Marina Rivero, Jesús Antonio de la Torre, Esteban Brenes-Mora, Oscar Godínez-Gómez, Margot A. Wood, Jessica Gilbert, and Jennifer A. Miller. 2017. Using a novel model approach to assess the distribution and conservation status of the endangered Baird's tapir. *Diversity and Distributions* 2017: 1-13. DOI: 10.1111/ddi.12631.

Schedlbauer, Jessica L., and Kathleen L. Kavanagh. 2008. Soil carbon dynamics in a chronosequence of secondary forests in northeastern Costa Rica. *Forest Ecology and Management* 255:1326-1335.

Uhl, Gabriele. 2008. Size dependent occurrence of different types of web decorations and a barrier web in the tropical spider *Argiope argentata* (Fabricius 1775) (Araneae Araneidae). *Tropical Zoology* 21:97-108.

Walker, L. M., G. Moreno, and S. L. Stephenson. 2014. A new species of *Macbrideola* from Costa Rica.

York, Heather A., and Sharon A. Billings. 2009. Stable-isotope analysis of diets of short-tailed fruit bats (Chiroptera: Phyllostomidae: *Carollia*). *Journal of Mammalogy* 90:1469-1477.

York, H. A., P. F. Foster, M. F. Jones, W. H. Schwarz, A. L. Vezeau, and M. S. Zerwekh. 2008. Observations of cavity-roosting behavior in Costa Rican *Lophostoma brasiliense* (Chiroptera: Phyllostomidae). *Mammalian Biology* 73:230-232.

### **Dissertations and Theses**

Cesafsky, Kim. 2011. A comparison between *Pentaclethra macroloba* present and absent rainforest plots at the Bijagual Ecological Reserve in Sarapiquí, Costa Rica. Senior Thesis. Xavier University, Cincinnati, Ohio.

Jones, Matthew Frazer. 2016. Neoichnology of bats: morphological, ecological, and phylogenetic influences on terrestrial behavior and trackmaking ability within the Chiroptera. M. Sc. Thesis. University of Kansas, Lawrence, Kansas.

Mu, Wenyang, Audrey Pallmeyer, Walker Stinnette, and Brad Weiss. 2018. Bijagual River Watershed, Costa Rica: improving watershed health and engaging local communities in monitoring and outreach. M.Sc. Thesis Project. University of Michigan School for Environment and Sustainability, Ann Arbor, Michigan.

Pardo Vargas, Lain Efren. 2012. Ocurrencia de carnívoros en el Corredor Biológico San Juan-La Selva, Costa Rica. M.Sc. Thesis. Universidad Nacional, Heredia, Costa Rica.

Roberts, Dina L. 2007. Effects of tropical forest fragmentation on ecology and conservation of migrant and resident birds in lowland Costa Rica. Ph.D. thesis. University of Idaho.

Romero, Andrea. 2013. Ecology, habitat preference, and conservation of Neotropical non-volant mammal communities in Costa Rica's Caribbean lowlands. Ph.D. thesis. University of Kansas, Lawrence, Kansas.

Salvi, Amanda M. 2016. Effect of canopy shading on morphology, anatomy, and self-shading in spiral gingers (*Costus*). Program in Biology Honors Thesis. University of Michigan, Ann Arbor, Michigan.

York, Heather A. 2007. Interspecific ecological differentiation in the short-tailed fruit bats (Chiroptera: Phyllostomidae: *Carollia*). Ph.D. thesis. University of Kansas, Lawrence, Kansas.

## Meeting Abstracts

Foster, Paul F., Cris G. Hochwender, Samantha Montgomery, Kelsey Williams, Stephanie Tran, Christie Hubbard, and Nicole Kreuzman. 2015. Native tree survivorship and growth rates in mixed species plots: Neotropical timber plantations can promote associated biodiversity. Poster Session: 100th Ecological Society of America Annual Meeting, 9-14 August 2015, Baltimore, Maryland.

Jones, Matthew F., and Stephen T. Hasiotis. 2014a. Neoichnology of Costa Rican bats: Track morphology and trackmaking ability of phyllostomid and emballonurid bats. Geological Society of America Annual Meeting, 19-22 October 2014, Vancouver, British Columbia, Canada.

Jones, Matthew F., and Stephen T. Hasiotis. 2014b. Neoichnology and trackmaking behavior of *Desmodus rotundus*. 44th Annual Symposium of the North American Society for Bat Research Annual Symposium, 22-25 October 2014, Albany, New York.

Ray, A. M., I. Swift, and J. G. Millar. 2012. Using generic pheromones to survey for cerambycids in lowland Atlantic rainforest of Costa Rica. Member symposium: Chemical ecology of cerambycid beetles. National meeting of the Entomological Society of America, Knoxville, Tennessee, November 2012.

Stukenholtz, Erin E., Rachel V. Gibson, and Heather A. York. 2011. Linking Morphology to Diet in the Phyllostomine Bats. North American Society for Bat Research Annual Symposium, Toronto, Ontario 26–29 October 2011.

Stukenholtz, Erin, and Heather York. 2012. Stable-isotope Analysis of Diet in Some Phyllostomid Bats. North American Symposium on Bat Research Annual Symposium, San Juan, Puerto Rico 24–27 October 2012.

Thompson, Michelle E. (presenter, oral presentation), and Maureen A. Donnelly. 2016. Recovery of Amphibian Communities in Regenerating Forest: Two Case Studies in Riparian and Upland Habitats of Secondary Forest, Costa Rica. JMIH (Joint Meeting of Ichthyologists & Herpetologists), July 7, 2016. New Orleans, Louisiana.

Thompson, Michelle E., and Maureen A. Donnelly. 2016. Recovery of amphibian communities in regenerating forest: Two case studies in riparian and upland habitats of secondary forest, Costa Rica. 101<sup>st</sup> Ecological Society of America Annual Meeting, 7-12 August 2016, Ft. Lauderdale, Florida.

York, Heather A., and S. A. Billings. 2006a. Stable-isotope analysis of diet in the short-tailed fruit bats (Chiroptera: Phyllostomidae: *Carollia*). Annual meeting of the American Society of Mammalogists. June 18, 2006. Amherst, Massachusetts.

York, Heather A., and S. A. Billings. 2006b. Stable-isotope analysis of diet in the short-tailed fruit bats (Chiroptera: Phyllostomidae: *Carollia*). North American Symposium on Bat Research Annual Symposium. October 19, 2006. Wilmington, North Carolina.

York, Heather A., P. F. Foster, M. F. Jones, W. H. Schwarz, A. L. Vezeau, and M. S. Zerwekh. 2007. Observations of cavity-roosting behavior in Costa Rican *Lophostoma brasiliense* (Chiroptera: Phyllostomidae). Annual meeting of the American Society of Mammalogists. June 7, 2007. Albuquerque, New Mexico.

York, Heather A., R. Timm, B. Rodríguez-Herrera, K. Lindsay, and R. LaVal. 2013. A field key to the bats of Costa Rica and Nicaragua. International Bat Research Conference. August 14, 2013. San José, Costa Rica.

### **Course Projects**

Arhelger, Asa, Phillip Bax, and Jenna Morris. 2016. Foraging Preferences of Leaf-Cutter Ants in Bijagual Ecological Reserve. Whitworth University, Spokane, Washington.

Carcelén, Erica, and Martina Nagy. 2016. The role of temperature in roosting behavior of female greater sac-winged bats (*Saccopteryx bilineata*). Research Experience for Undergraduates, La Selva Biological Station, Costa Rica, June 8-August 10, 2016.

Clow, Sacha, Seth Flanders, and Alyssa McGee-Menzies. 2014. Leaf cutter ants (*Atta cephalotes*). Whitworth University, Spokane, Washington.

Erickson, Kelley. 2011. The expansion of *Pentaclethra macroloba* at its upper elevational range. OTS 11-3.

Garcia, Beau, and Michelle E. Thompson. 2017. Factors affecting clutch success in three sympatric species of glass frog in Sarapiquí, Costa Rica. Research Experience for Undergraduates, La Selva Biological Station, Costa Rica, June 7-August 9, 2017.

Micke, Brooke, and Paul Foster. 2016. The effects of land management practices on understory plant biodiversity and tree growth in Neotropical plantations. Research Experience for Undergraduates, La Selva Biological Station, Costa Rica, June 8-August 10, 2016.

Ortiz Ross, Xochil, and Michelle Thompson. 2017. Oviposition site selection and habitat partitioning in three sympatric species of glass frog. Research Experience for Undergraduates, La Selva Biological Station, Costa Rica, June 7-August 9, 2017.