

Happy
New
Year
2020!



News fEBB

Ecology and Evolutionary Biology Monthly Newsletter

January 2020 · Volume 2 · Issue 1

Author: Jorge Humberto Medina-Durán

Monthly Discussion

As EEB community, what strategies can we use to sensitize people about the impacts and reduction of wasteful habits?

**Want to join the discussion?
Respond to the corresponding
email**

Faculty: recruiting new lab members? Consider posting on Ecolog or Twitter to directly promote our EEB program!

Announcements

EEB Seminar Series

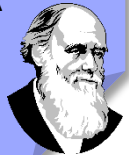
Jan. 27: Alyson Brokaw and Mackenzie Tietjen

Feb. 3: Heather Mattila, Wellesley College

Feb. 10: Winifred Frick, University of California Santa Cruz

The Society for Integrative and Comparative Biology annual meeting (SICB), 3-7 January, Austin, TX

**Save the day!
DARWIN DAY (Feb. 14th, 5-8 pm)**

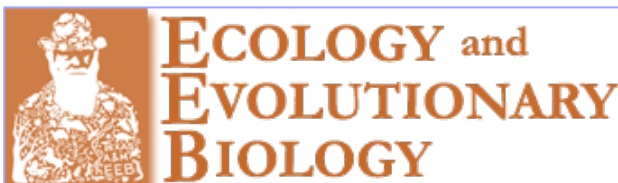


Student Spotlight

*Gaston Jofre-Rodríguez is a PhD candidate in Dr. Gil Rosenthal lab in the Biology Department. He is interested in the evolutionary dynamics in hybrid zones. For his dissertation he aims to know how natural selection plays a key role in hybrid populations along altitudinal gradients. He is currently working on characterizing and comparing the genotypic and phenotypic gradients of three independent and natural *Xiphosporus malinche-X. birchmanni* hybrid zones in Mexico, to identify introgression of genomic regions, and detect candidate regions under selection.*



You or a colleague accomplish something? Let us know by tweeting #TAMUEEB



For more information visit:
eeb.tamu.edu

Laboratory Highlight

The Song Laboratory of Insect Systematics and Evolution

PI: Dr. Hojun Song

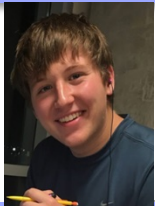
The Song Lab focuses on the study of the insect order Orthoptera (grasshoppers, crickets, and katydids) and other insects with the aim of understanding their behavioral, ecological, physiological, morphological and molecular evolution in a phylogenetic framework.

*Bert Foquet is a Ph.D. Candidate of Entomology studying the density-dependent phase polyphenism in the central American locust species *Schistocerca piceifrons* on a molecular level. To pursue his research questions, he is using techniques such as RNA sequencing, RNAi-technology, and behavioral assays in lab and in the field.*



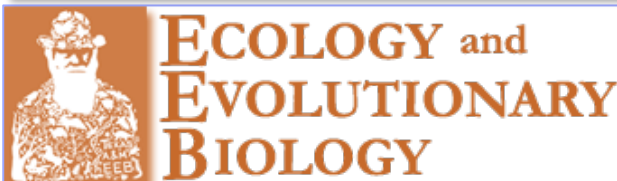
*Toan Hoang is a second-year Ph.D. student interested in the study of gregarization phase of the Mormon cricket (*Anabrus simplex*) and the development of a smart molecular insecticide (RNAi-based) control method.*

Jorge Humberto Medina Durán is a first-year Ph.D. student interested in the study of the interaction between protist parasites and their insect hosts to elucidate aspects as their coevolution, host specificity, and parasite effect in the host. To do so, he is going to use genome-wide information and transcriptomics from both the parasites and the insects.



Drew Little is a senior undergraduate student interested in insect behavior. He is working in the gregarious phase in grasshoppers and locusts, and their transition between solitary and gregarious phase.

Carla de Lorea is senior undergraduate student interested in insect systematics. She is working in the lab curation specimen collected from various expeditions.



For more information visit:
eeb.tamu.edu