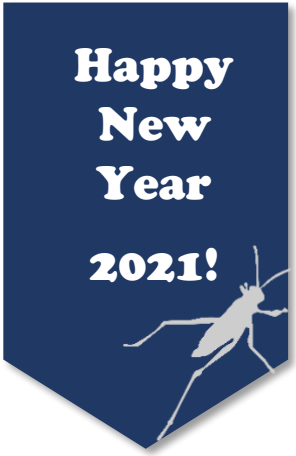


News fEBB

Ecology and Evolutionary Biology Monthly Newsletter

January 2021 · Volume 3 · Issue 1 Author: Jorge Humberto Medina-Durán

Monthly Discussion

What are your thoughts about the outreach on ecological and evolutionary sciences? How can we improve them to combat the pandemic of misinformation and the lack of trust around our disciplines?

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

The United Nations Decade on Ecosystem Restoration 2021-2030. More info: https://www.decadeonrestoration.org/about-un-decade

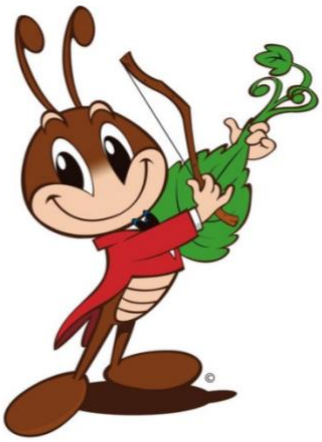
The Society for Integrative and Comparative Biology (SICB) virtual annual meeting, 3 January – 28 February

MLK's day, Jan 18th

EEB faculty meeting, Jan 25th

Paper Spotlight

The crickets, katydids, and grasshoppers usually communicate through sounds. In a recent research published in ***Nature Communications*** by Dr. Hojun Song of the Entomology Department and collaborators, they showed that the evolution of acoustic communication in Orthoptera dates back around 350 million years. Throughout this time, the two suborders (Ensifera and Caelifera) have evolved in multiple occasions the capacity to produce and create sound using different body parts. Orthopterans were one of the oldest animals that employed sounds to communicate, contributing to the evolution of acoustic landscape on Earth… besides they liven up our warm summer nights.



For further details about this tale please read:
Song et al. 2020. **Phylogenomic analysis sheds light on the evolutionary pathways towards acoustic communication in Orthoptera**. *Nature Communications*. 11:4939. https://doi.org/10.1038/s41467-020-18739-4

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

ECOLOGY and EVOLUTIONARY BIOLOGY

For more information visit:
eeb.tamu.edu

Laboratory Highlight

Coastal and Wetlands Ecology Lab, Texas A&M Galveston

PI: Dr. Anna Armitage

In the Coastal and Wetlands Ecology Laboratory, Dr. Armitage and her students examine the community-level interactions and processes that structure coastal ecosystems such as trophic interactions, nutrient enrichment, or anthropogenic alterations. For more information visit: https://www.tamug.edu/armitage/

Rachel Glazner is a Ph.D. Student of the EEB program studying the predator-prey interactions in marsh-mangrove ecotones.

Marissa Llosa is a M.S. Student studying freshwater tidal and prairie wetland restoration.

Janelle Goeke is a Ph.D. Student of the EEB program studying the bottom-up effects relating to a changing plant community in salt marshes.

Jamie Thompson is a Ph.D. Student of the MARB IDP program studying mangrove and marsh interactions in the Gulf Coast.

Ashley McDonald is a Ph.D. Student of the MARB IDP program studying coastal and wetlands ecology.

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For more information visit:
eeb.tamu.edu