



Invertebrates in Education and Conservation Conference (IECC)

Presented by the Terrestrial Invertebrate Taxon Advisory Group (TITAG)

Papers from the 2016 IECC Paper Presentations

From the Field

Joseph Soltis - Disney's Animal Kingdom Zoo
How honeybees are helping elephant conservation in Kenya

Zak Gezon, Anne Savage, and Jaret Daniels - Disney's Animal Kingdom
Changes in butterfly community composition driven by shifting phenologies

[Jacqueline and Katie Genovesi](#)
[A teens perspective: Using butterfly farms and exhibits to engage teens in critical environmental issues such as climate change.](#)

[Tim Becker - ZooAmerica North American Wildlife Park](#)
[Propagation and Repatriation of the Regal Fritillary Butterfly](#)

Bugs in the Machine - Tech Talks

[Gwen Pearson - Purdue University](#)
[Social Media Tips and Tricks](#)

Patricia Nichols - Insectopia
Insect Education through YouTube

[Amber Zelmer - Houston Zoo](#)
[Using Photographic Guides & Charts to Integrate 'Non-invertebrate' Keepers into an Invertebrate House \(short\)](#)
[Egg Guide](#)
[Bug Care Card Template](#)
[Species Care Sheets](#)

[Prof. J. Phineas Michaelson \(aka Mike Weissmann\) - US Biological and Geological Survey of the Territories](#)
[It's All Geek To Me: Translating Names Of Insectarium Arthropods](#)

David Suttinger - Houston Zoo
Creating Buzz at the Houston Zoo Bug House with Time Lapse (short)

Life Support: Invertebrate Husbandry and Natural History

[Tad Yankoski - Sophia M Sachs Butterfly House](#)
[Increased fecundity and larval growth rate of African fruit chafer, \(*Pachnoda sinuata flaviventris*\) in a novel, fermented substrate.](#)

[Devin Krafka - Henry Doorly Zoo and Aquarium](#)
[Troubleshooting *Exstatosoma tiaratum* population decline \(short\)](#)

[Howard Byrne - Arizona Sonora Desert Museum](#)
[There's a *Notocyphus* on my back!](#)

[Tim O'Sullivan - St. Louis Zoo](#)
[Captive Rearing Study of *Thermonectus marmoratus*](#)

[Lauren Bloomenthal and Katie Malmberg - Pacific Science Center](#)
[Observing an Observation Hive](#)

Mike Cash - Woodland Park Zoo
The Light Side of Darklings: Pupation and Eclosion of Pinacate Beetles, *Eleodes* spp.(short)

[Kelli Walker - San Diego Zoo](#)
[Life History and Managed Care of the Coconut Crab, *Birgus latro*](#)

Sustaining Flight: Butterfly House Nutrition and Tradition

[Justin Dunning - Victoria Butterfly Gardens](#)
[Raising Giants](#)

Nancy Greig - Cockrell Butterfly Center, Houston Museum of Natural Science
Stepping Up and Stepping Down: 22 Years at the Cockrell Butterfly Center

[Nathan Brockman - Reiman Gardens](#)
[Going Vertical: New Take on Artificial Nectar Feeders](#)

[Anita Westphal - Reiman Gardens, Iowa State University](#)
[The Trials and Tribulations of Horticultural Design in a Butterfly House at a Public Garden](#)

Better Together: Engagement and Collaboration

Sarah Garrett - Butterfly Pavilion
Colorado Pollinator Summit 2016: Combining Conservation Efforts Statewide

Catherine Bartlett - Arizona-Sonora Desert Museum
Polishing a Presentation: Tips and Tricks for Successful Shows

[Ron Wagler -The University of Texas at El Paso](#)
[Scientific Inquiry Activities with Madagascar Hissing Roaches: An Effective Way to Enrich Your Arthropod Education Program](#)

Bob Merz - Saint Louis Zoo

Engaging different “Communities” in Endangered Species Invertebrate Conservation