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Contents

- Peralta E. M., Serrano Jr. A. E., 2015 Histamine formation and microbiological quality of deboned milkfish (*Chanos chanos*) during ambient storage. ELBA Bioflux 7(1):1-9.
- Nuñez O. M., Calizo-Enguito M. R., Labajo-Villantes Y., Ponce A. G., 2015 Species richness and endemism of cave herpetofauna in Northern Mindanao, Philippines. ELBA Bioflux 7(1):10-24.
- Serrano Jr. A. E., 2015 Trypsin-like activities in the mudcrab *Scylla serrata*, brine shrimp *Artemia salina* and rotifer *Brachionus plicatilis*. ELBA Bioflux 7(1): 25-33.
- Farooq J., Mahmood K., Waseem akram M., Rehman A. U., Javaid M. I., Petrescu-Mag I. V., Nawaz B., 2015 High temperature stress in cotton *Gossypium hirsutum* L. ELBA Bioflux 7(1):34-44.
- Abrenica-Adamat L. R., de Asis C. B. C., Rebollo Z. S. N., Batoon J. A. M., 2015 Testing the prey attraction function of stabilimenta in orb-webs of *Argiope luzona* and *Argiope aemula* (Araneae: Araneidae). ELBA Bioflux 7(1):45-51.
- Abrenica-Adamat L. R., Catindig Jr. R. C., 2015 Salient features of the orb-webs of the grass cross spider, *Argiope catenulata* (Araneae: Araneidae). ELBA Bioflux 7(1):52-60.
- Morilla L. J. G., Nuñez O. M., Uy M. M., 2015 Brine Shrimp Lethality Test of *Kleinhovia hospita* stem and bark from Agusan del Sur, Philippines. ELBA Bioflux 7(1):61-66.
- Simora R. M. C., Traifalgar R. F. M., Legario F. S., 2015 Characterization of extracellular enzymes from culturable autochthonous gut bacteria in rabbitfish (*Siganus guttatus*). ELBA Bioflux 7(1):67-76.

