

## Laboratories of Analytical Biology Publications from 2017

Publications listed in alphabetical order

**Acevedo-Rodriguez, P, KJ Wurdack, MS Ferrucci, GP Johnson, P Dias, RG Coelho, GV Somner, VW Steinmann, EA Zimmer, & MT Strong.** 2017. Generic relationships and classification of tribe Paullinieae (Sapindaceae) with a new concept of supertribe Paullinioidae. *Systematic Botany* 42: 96-114.

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Adserias-Garriga J, Nogué-Navarro L, **Zapico SC**, Ubelaker DH. 2017. Setting the light conditions for measuring root transparency for age-at-death estimation methods.

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Adserias-Garriga J, Thomas C, Ubelaker DH, **C Zapico S.** 2017. When forensic odontology met biochemistry: Multidisciplinary approach in forensic human identification. *Arch Oral Biol.* Dec 9;87:7-14. [doi:10.1016/j.archoralbio.2017.12.001](https://doi.org/10.1016/j.archoralbio.2017.12.001)

**Aguilar, R, MB Ogburn, AC Driskell, LA Weigt, MC Groves, A Hines.** 2017. Gutsy genetics: identification of digested piscine prey items in the stomach contents of sympatric native and introduced warm water catfishes via DNA barcoding. *Environmental Biology of Fishes* 100(4):235-336. [doi:10.1007/s10641-016-0523-8](https://doi.org/10.1007/s10641-016-0523-8)

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**Arcila, D, G. Ortí, R Vari, JW Armbruster, M Stiassny, KD Ko, MH Sabaj, J Lundberg, LJ Revell & R Betancur-R.** 2017. Genome-wide interrogation advances resolution of recalcitrant groups in the Tree of Life. *Nature Ecology & Evolution* 1(20). [doi:10.1038/s41559-016-0020](https://doi.org/10.1038/s41559-016-0020)

**Bayha K, AG Collins & PM Gaffney.** 2017. Multigene phylogeny of the scyphozoan jellyfish Family Pelagiidae reveals that the common U.S. Atlantic Sea Nettle comprises two distinct species (*Chrysaora quinquecirrha* and *C. chesapeakei*). *PeerJ.* 5: e3863. [doi:10.7717/peerj.3863](https://doi.org/10.7717/peerj.3863)

**Betancur-R., R, EO Wiley, G Arratia, A Acero, N Bailly, M Miya, G Lecointre & G Ortí.** 2017. Phylogenetic classification of bony fishes. *BMC Evolutionary Biology* 17(162): [doi:10.1186/s12862-017-0958-3](https://doi.org/10.1186/s12862-017-0958-3)

Boomsma, JJ, **SG Brady, RR Dunn, J Gadau, J Heinze, L Keller, NJ Sanders, L Schrader, T. Schultz, L Sundström, PS Ward, WT Wcislo, G Zhang, and The GAGA Consortium.** 2017. The Global Ant Genomics Alliance (GAGA). *Myrmecological News* 25:61-66.

**Branstetter, MG, BN Danforth, JP Pitts, BC Faircloth, PS Ward, ML Buffington, MW Gates, RR Kula & SG Brady.** 2017. Phylogenomic insights into the evolution of stinging wasps and the origins of ants and bees. *Current Biology* 27:1019–1025. [doi:10.1016/j.cub.2017.03.027](https://doi.org/10.1016/j.cub.2017.03.027)

**Branstetter, MG, A Jesovnik, J Sosa-Calvo, MW Lloyd, BC Faircloth, SG Brady, TR Schultz.** 2017. Dry habitats were crucibles of domestication in the evolution of agriculture in ants. *Proceedings of the Royal Society B: Biological Sciences*, 284(1852) [doi:10.1098/rspb.2017.0095](https://doi.org/10.1098/rspb.2017.0095)

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**Connette, GM**, P Oswald, MK Thura, **KJ Lajeunesse Connette**, **M Songer**, **G Zug**, and **DG Mulcahy**. 2017. Rapid forest clearing in a Myanmar proposed national park threatens two newly discovered species of geckos (Gekkonidae: *Cyrtodactylus*). *PLOS ONE* 12(4): e0174432. [doi:10.1371/journal.pone.0174432](https://doi.org/10.1371/journal.pone.0174432)

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