

## Laboratories of Analytical Biology Publications from 2020

Publications listed in alphabetical order

**Ames, C.L.**, Klompen, A.M.L., Badhiwala, K. *et al.* **A Collins...** (2020) "Cassiosomes are stinging-cell structures in the mucus of the upside-down jellyfish *Cassiopea xamachana*." *Commun Biol* 3, 67 doi:10.1038/s42003-020-0777-8

Appelhans MS, **Wen J.** 2020. Phylogenetic placement of *Ivodea* and biogeographic affinities of Malagasy Rutaceae. *Plant Systematics and Evolution* 306 (1): Article 7. doi:10.1007/s00606-020-01633-3

Atkinson, CL, van Ee, BC and **Pfeiffer, JM.** 2020. Evolutionary history drives aspects of stoichiometric niche variation and functional effects within a guild. *Ecology*, 101(9), p.e03100. DOI:10.1002/ecy.3100

Bakkegard, KJ, D Johnson, and **DG Mulcahy.** 2020. A New Locality, Naval Station Guantanamo Bay, for the Rare Lizard *Leiocephalus onaneyi* (Guantánamo Striped Curlytail) and Notes on its Natural History. *Caribbean Naturalist* 79: 1–22.

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Bergström A, Frantz LAF, Schmidt R, Ersmark E , Lebrasseur O, Girdland-Flink L, **Lin AT**, Storå J, Sjögren K-G, Anthony D, Antipina E, Amiri S, Bar-Oz G, Bazaliiski V, Bulatovic J, Brown D, Carmagnini A, Davy T, Fedorov S, Fiore I, Fulton D, Germonpré M, Haile J, Horwitz L, Irving-Pease EK, Jamieson A, Janssens L, Kirillova I, Kuzmanovic-Cvetkovic J, Kuzmin Y, Losey R, Ložnjak Dizdar D, Mashkour M, Novak M, Onar V, Orton D, Pasarić M, Radivojevic M, Roberts B, Ryan H, Sablin M, Shidlovskiy F, Stojanović I, Tagliacozzo A, Trantalidou K, Ullén I, Villaluenga A,

Wapnish P, Dobney K, Götherström A, Linderholm A, Dalén L, Pinhasi R, Larson G, Skoglund P. 2020. Origins and Genetic Legacy of Prehistoric Dogs. *Science*. 370 (6516):557–564. doi:10.1126/science.aba9572

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**Blaimer BB, Gotzek D, Brady SG & ML Buffington.** 2020. Comprehensive phylogenomic analyses re-write the evolution of parasitism within cynipoid wasps. *BMC Evolutionary Biology*, 20, 155, doi:10.1186/s12862-020-01716-2

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**Bourke, B.P., Wilkerson, R.C., & Y.-M. Linton.** 2020. Molecular species delimitation reveals high diversity in the mosquito *Anopheles tessellatus* Theobald, 1901 (Diptera, Culicidae) across its range. *Acta Tropica* **215**, doi: 10.1016/j.actatropica.2020.105799

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**Buenaventura, E., Lloyd, M.W.**, Perilla, J.M., González, V.L., Thomas-Cabianca, A., and **Dikow, T.** 2020. Protein-encoding Ultra Conserved Elements provide a new phylogenomic perspective of Oestroidea flies (Diptera: Calyptratae). *Systematic Entomology* 46(1): 5–27 doi:10.1111/syen.12443.

**Buffington, ML**, Giorgini M, Lue CH, Formisano G, Cascone P, Forshage M, **Driskell AC**, Guerrieri E. 2020. Description of the aberrant *Leptopilina lasallei* n. sp., with an updated phylogeny of *Leptopilina* Förster (Hymenoptera: Figitidae: Eucoilinae). *Journal of Natural History* 9-12: 565-583. doi:10.1080/00222933.2020.1754483.

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**Collin R**, Venera-Pontón DE, **Driskell AC**, **Macdonald KA III**, **Boyle MJ**. 2020. How I wonder what you are: Can DNA barcoding identify the larval asteroids of Panama? *Invertebrate Biology* 139(4): e12303. doi:10.1111/ivb.12303.

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