

**Supplementary file 2 of: Taxonomic revision of Australian *Amobia* Robineau-Desvoidy, 1830 (Sarcophagidae: Miltogramminae): integrating morphology and genetics finds a new species and tackles old problems**

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**Supplementary file 2.** Bayesian inference phylogenetic tree displaying the placement of *Amobia* among the global Miltogramminae, inferred from COI, CYTB, ND4 and EF1 $\alpha$  sequence data. With the exception of the three newly sequenced Australian *Amobia* and *Macronychia rubesca*, data was acquired from Piwczyński *et al.* (2017). Node support values represent posterior probability (40 million generations). Branch length scale = 0.2 nucleotide substitutions per site (calculated by the GTR+I+G nucleotide substitution model).

