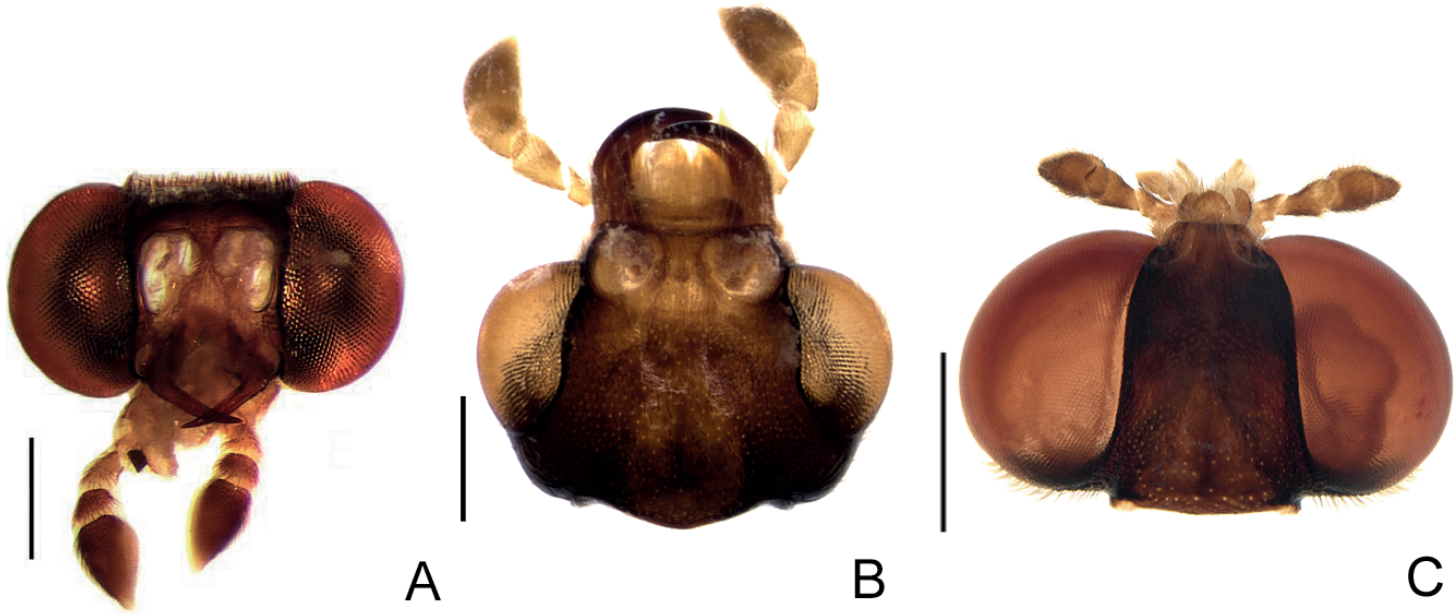


Supplementary material S4. Outgroup mandible morphology: (A) *Dilychnia guttula* (Fabricius, 1801) (modified from Vaz et al. 2020), (B) *Lucidota banoni* Laporte, 1833, (C) *Lampyris noctiluca* (Linnaeus, 1767).