

Taxonomic revision of *Mycolybas* Crotch, 1876 (Coleoptera: Erotylidae)

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Abstract

A taxonomic revision of *Mycolybas* Crotch, 1876 is proposed. Historically the genus comprised seven species: *M. coccineipennis* (Motschulsky, 1858), *M. cruentatus* (Kirsch, 1865), *M. egae* Crotch, 1876, *M. lucidus* (Lacordaire, 1842), *M. melanocorynus* (Lacordaire, 1842), *M. rufipennis* Guérin, 1956 and *M. sanguinosus* (Motschulsky, 1858), recorded from Central and South America. After a morphological analysis, new diagnostic characters were discovered (*i.e.* armed laciniae for *M. coccineipennis*, and tarsal sexual dimorphism for *M. lucidus* and two new species). Three species are regarded as synonymies of *M. lucidus* (*M. cruentatus* **syn. nov.**, *M. egae* **syn. nov.**, *M. melanocorynus* **syn. nov.**), four are redescribed (*M. coccineipennis*, *M. lucidus*, *M. rufipennis* and