



The Muscidae (Diptera) of Vanuatu

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Abstract

The Muscidae of Vanuatu are reviewed. All the genera and recorded species are diagnosed and an identification key is given. The work was carried out in the Muséum national d'Histoire naturelle (Paris, France), where material belonging to that museum and also a large collection from the Bishop Museum (Honolulu, USA) were studied. A total of 35 species, 4 of them endemic, were recognized, including two species newly described, *Dichaetomyia univittata*, **sp. nov.** and *Parvisquama vanuatuensis*, **sp. nov.** The following genera are recorded for the first time: *Cephalispa* Malloch, *Coenosia* Meigen, *Helina* Robineau-Desvoidy, *Lispocephala* Pokorny, *Musca* Linnaeus and *Stomoxys* Geoffroy. The following species are recorded for the first time: *Atherigona punctata* Karl, *Cephalispa communi* (Paramonov), *Coenosia pumilio* Stein, *Helina flavoextrema* Couri, Pont & Daugeron, *Limnophora longiantennata* Couri, Pont & Daugeron (male described for the first time), *Lispe nicobarensis* Schiner, *Lispocephala pectinata* (Stein), *Musca domestica* Linnaeus, *Musca ventrosa* Wiedemann, *Musca vetustissima* Walker and *Stomoxys calcitrans* (Linnaeus). A brief discussion on the composition of the fauna is also presented.

Key words: Vanuatu, Diptera, Muscidae, descriptions, taxonomy