

CONTRIBUTION TO THE KNOWLEDGE OF DERMESTIDAE (COLEOPTERA) FROM AUSTRALIA - PART 1. GENUS *ORPHINUS* - NEW FAUNISTICS RECORDS

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The following species are recorded: *Orphinus (Orphinus) ceciliense* (Blackburn, 1903) (Victoria); *Orphinus (Orphinus) minimus* Arrow, 1915 (Queensland); *Orphinus (Orphinus) occidentalis* Armstrong, 1943 (Northern Territory, Queensland); *Orphinus (Orphinus) quornensis* (Blackburn, 1895) (Northern Territory); *Orphinus (Orphinus) woodvillensis* (Blackburn, 1891) (New South Wales). Furthermore a list of all species belonging to this genus so far recorded from Australia is provided.

Key words: Faunistics, new records, Coleoptera, Dermestidae, Megatominae, *Orphinus*, Australia.

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INTRODUCTION

The family Dermestidae (Coleoptera: Bostrichoidea) contains about 1500 species and subspecies worldwide (Háva 2015). Its members are “mainly scavengers on dried proteinaceous material and are of economic importance because the family includes species that are pests of stored products or natural history enemies” (Lawrence & Ślipiński 2005).

The genus *Orphinus* Motschulsky, 1858 recently contains 116 species worldwide, from Australia are recorded 11 species (Háva 2015). About this genus are not many articles, first described the species from Australia by Blackburn (1891, 1895, 1903), one species by Arrow (1915) and next

two species by Armstrong (1943), then there are only individual faunistic references. The present article is mentioned new faunistic records for five species.

MATERIAL AND METHODS

The nomenclature and zoogeography follow the catalogue of Háva (2015).

Following abbreviation refer to the collection, in which the examined material are deposited: JHAC - Jiří Háva, Private Entomological Laboratory and Collection, Únětice u Prahy, Prague west, Czech Republic.

RESULTS

Orphinus (Orphinus) ceciliense (Blackburn, 1903)

Material examined: AU: „Victoria, Alexandra“, 1 ♀, J. Háva det., (JHAC).

Distribution. Species known from north South Australia, new for Victoria.

Orphinus (Orphinus) minimus Arrow, 1915

Material examined: AU: N Queensland, Gregory Dawns, 24.1.2000, Sv. Bílý lgt., 2 ♂♂, J. Háva det., (JHAC).

Distribution. Species known from Queensland and South Australia (Háva 2015), new locality data from Queensland.

Orphinus (Orphinus) occidentalis Armstrong, 1943

Material examined: AU: Northern Territory, 25 km S of Katherine, 25.12-08.2.2009, 168 m, Sv. Bílý lgt., 6 spec., J. Háva det., (JHAC); the same data but 17-31.12.2008, 3 spec., J. Háva det., (JHAC); AU: N Queensland, Carpentaria Downs, 150 km SE Georgetown, 500 m, 23.11.2010, St. Jákl lgt., 2 ♀♀, J. Háva det., (JHAC); AU: N Queensland, Mt. Isa, 26.1.2000, Sv. Bílý lgt., 1 ♀, J. Háva det., (JHAC).

Distribution. Species known from Timor Isl. and Western Australia (Háva 2015, Háva et al. 2015), new for Northern Territory and Queensland.

Orphinus (Orphinus) quornensis (Blackburn, 1895)

Material examined: AU: Northern Territory, 70 km SW of Mataranka, 22.12.2008, 190 m, Sv. Bílý lgt., 1 ♂, J. Háva det., (JHAC).

Distribution. Species known from South Australia, new for Northern Territory.

Orphinus (Orphinus) woodvillensis (Blackburn, 1891)

Material examined: AU: [South Australia] „Gawler, Odewahn“, 1 ♂, J. Háva det., (JHAC); AU: „New South Wales, Gowlerstown“, 2 ♂♂, J. Háva det., (JHAC).

Distribution. Species known from South Australia, new for New South Wales.

LIST OF *ORPHINUS* SPECIES RECORDED FROM AUSTRALIA

* new record

Orphinus (Orphinus) atrous Armstrong, 1943
Queensland

Orphinus (Orphinus) australicus (Blackburn, 1891)
South Australia

Orphinus (Orphinus) casuarinae (Blackburn, 1903)
South Australia

Orphinus (Orphinus) ceciliense (Blackburn, 1903)
South Australia, Victoria*

Orphinus (Orphinus) fulvipes (Guérin-Méneville, 1838)
New South Wales (introduced)

Orphinus (Orphinus) interioris (Blackburn, 1891)
South Australia

Orphinus (Orphinus) minimus Arrow, 1915
Queensland, South Australia

Orphinus (Orphinus) nealense (Blackburn, 1903)
New South Wales, South Australia

Orphinus (Orphinus) occidentalis Armstrong, 1943
Western Australia, Northern Territory*, Queensland*, Timor Isl.

Orphinus (Orphinus) quornensis (Blackburn, 1895)
South Australia, Northern Territory*

Orphinus (Orphinus) woodvillensis (Blackburn, 1891)
South Australia, New South Wales*

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