

# CONTRIBUTION TO THE KNOWLEDGE OF DERMESTIDAE (COLEOPTERA) FROM AUSTRALIA - PART 4. NEW FAUNISTICS RECORDS FROM WESTERN AUSTRALIA

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The species *Phradonoma nobile* (Reitter, 1881), *Thaumaglossa nigricans* (MacLeay, 1871) and *Orphinus (Orphinus) minimus* Arrow, 1915 are newly recorded from Australia: Western Australia.

Key words: Faunistics, new records, Coleoptera, Dermestidae, Megatominae, *Phradonoma*, *Thaumaglossa*, *Orphinus*, Western 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 *Phradonoma* Jacquelin du Val, 1859 distributed in Holarctic, Oriental and Afrotropical Regions and recently contains 44 species divided into 4 species group (Háva 2015). The species *Phradonoma nobile* (Reitter, 1881) is firstly recorded as introduced species from Western Australia.

Other two species belongs to genera *Thaumaglossa* Redtenbacher, 1867 and *Orphinus* Motschulsky, 1858 are newly recorded from Western Australia.

## MATERIAL AND METHODS

Nomenclature and zoogeography follow the catalogue of Háva (2015).

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

JHOC Jan Horák, private collection, Praha, Czech Republic.

## RESULTS

Subfamily Megatominae Leach, 1815

Tribe Megatomini Leach, 1815

Subtribe Trogodermina Mulsant & Rey, 1868

*Phradonoma nobile* (Reitter, 1881)

(Fig. 1)

**Material examined:** Western Australia, Cape Leveque, 200 km NNE of Broome, 10 km NE Lombardina, 20.i.2012, J. Horák leg., 2 ♀♀, J. Háva det., (1 JHAC, 1 JHOC).

**Distribution.** Species known from Cyprus; England (intr.); Germany (intr.); Greece; Portugal; Spain; Algeria; Egypt; Eritrea; Libya; Morocco; Nigeria; South Africa; South Sudan; Sudan; Tanzania; Tunisia; Zimbabwe; Afghanistan; India: Madhya Pradesh, Rajasthan, Uttar Pradesh; Iran; Iraq; Israel; Jordania; Oman; Pakistan; Qatar; Russia; Saudi Arabia; Syria; Tadjhikistan; Turkmenistan; United Arab Emirates; Uzbekistan; U.S.A.: Arizona (intr.) (Háva 2015), new introduced species for Australia: West Australia.



Fig. 1. Habitus of *Phradonoma nobile* (Reitter, 1881).

**Remarks.** The two female specimens were collected during the day on flowers. They were found in Western Australia, on the Dampier Peninsula in its northern part of the Aboriginal Territory (with approval) in the thin, semi-erect *Eucalyptus* forest. The forest was interesting because under the trees there was a rather rich herbaceous floor and *Eucalyptus* sp. Was very sporadically here. It is very likely that the species was flooded by their flowers.

Subtribe Cryptorhopalina Pierce, 1960

*Orphinus (Orphinus) minimus* Arrow, 1915

**Material examined:** Western Australia, Broome: Crab creek, Bird Observatory, 22.i.2012, J. Horák leg., 1 ♀, J. Háva det., (JHAC).

**Remarks.** The species collected together with three specimens of *O. (O.) occidentalis* Armstrong, 1943.

**Distribution.** Species known from Australia: Queensland, South Australia (Háva 2016), new for Western Australia.

*Thaumaglossa nigricans* (MacLeay, 1871)

**Material examined:** Western Australia, Broome: Crab creek, Bird Observatory, 22.i.2012, J. Horák leg., 1 ♀, J. Háva det., (JHAC).

**Distribution.** Species known from Australia: New South Wales, Northern Territory, Queensland, Papua New Guinea, new for Western Australia.

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