

## Notes on the family Chalcididae (Hymenoptera: Chalcidoidea) of Pulau Perhentian (Malaysia)

Michael MADL

### Abstract

The family Chalcididae is recorded from Pulau Perhentian, Malaysia, for the first time. Five species are listed. *Antrocephalus decipiens* (MASI, 1929) and *Epitranus nigriceps* BOUČEK, 1982, are new to the fauna of West Malaysia.

Key words: Chalcididae, *Antrocephalus*, *Brachymeria*, *Epitranus*, new records, Pulau Perhentian, Malaysia.

### Zusammenfassung

Die Familie Chalcididae wird erstmals mit fünf Arten von Pulau Perhentian gemeldet. *Antrocephalus decipiens* (MASI, 1929) und *Epitranus nigriceps* BOUČEK, 1982, sind neu für die Fauna Westmalysiens.

### Introduction

Pulau Perhentian (5°55' N, 102°44' E) is situated in the South China Sea, about 20 km off Kuala Besut, Province Terengganu. It comprises two main islands, Pulau Perhentian Besar and Pulau Perhentian Kecil, and three uninhabited islands.

Until now about 90 species of the family Chalcididae have been recorded from Malaysia of which about 60 species occur in West Malaysia (UNIVERSAL CHALCIDOIDEA DATABASE 2011 and unpublished data). As there are confusing data concerning the distribution in NARENDRAN (1989) and in UNIVERSAL CHALCIDOIDEA DATABASE (2011), it is necessary to check the Malaysian material in museum and university collections. Therefore the numbers are only an estimation. I could not find any records from Pulau Perhentian in the scientific literature available to me.

The sparse material, which is deposited in the Natural History Museum in Vienna, was collected during a short stay of the author on Pulau Perhentian Besar in 1993. It contains five species, of which *Antrocephalus decipiens* (MASI, 1929) is new to the fauna of Malaysia. *Epitranus nigriceps* BOUČEK, 1982, is recorded for the first time from West Malaysia.

### Records

#### Subfamily Chalcidinae

##### *Brachymeria lasus* (WALKER, 1841)

Material examined: Malaysia: Pulau Perhentian Besar, 6.-13.II.1993, 2 ♂♂, 1 ♀.

*Brachymeria lasus* is widely distributed in the Australian, Nearctic, Oriental and Palaearctic Region. It is known from West Malaysia (YUBUS & HUA 1969, KAMARUDIN 1996) and from Sarawak (CAMERON 1911).

***Brachymeria taiwana* MATSUMURA, 1911**

Material examined: Malaysia: Pulau Perhentian Besar, 6.-13.II.1993, 1 ♂, 1 ♀.

*Brachymeria taiwana* has been recorded from India, Taiwan and Malaysia. In Malaysia it is known from Penang (NARENDRAN 1989).

**Subfamily Epitraninae**

***Epitranus nigriceps* BOUČEK, 1982**

Material examined: Malaysia: Pulau Perhentian Besar, 6.-13.II.1993, 1 ♀.

First record for West Malaysia. *Epitranus nigriceps* has been recorded from India, Taiwan and from Sarawak in Malaysia (BOUČEK 1982).

**Subfamily Haltichellinae**

***Antrocephalus decipiens* (MASI, 1929)**

Material examined: Malaysia: Pulau Perhentian Besar, 6.-13.II.1993, 4 ♂♂, 2 ♀♀.

New to the fauna of Malaysia. *Antrocephalus decipiens* is known from India and the Philippines.

***Antrocephalus nasutus* (HOLMGREN, 1868)**

Material examined: Malaysia: Pulau Perhentian Besar, 6.-13.II.1993, 1 ♀.

*Antrocephalus nasutus* has been recorded from India, the Philippines, Taiwan, and in Malaysia from Sarawak (CAMERON 1905).

**Acknowledgements**

I am indebted to Prof. T. C. Narendran (University of Calicut, Kerala, India) for identifying the material. Many thanks are also due to Manuela Vizek (Naturhistorisches Museum Wien, Austria) for her help in preparing this paper.

**References**

- BOUČEK Z., 1982: Oriental chalcid wasps of the genus *Epitranus*. – Journal of Natural History 16(4): 577-622.
- CAMERON P., 1905: A third contribution to the knowledge of the Hymenoptera of Sarawak. – Journal of the Straits Branch of the Royal Asiatic Society 44: 93-168.
- CAMERON P., 1911: Descriptions of new genera and species of Chalcididae collected by Mr John Hewitt, B.A. in Borneo. – Societas Entomologica 26 (1): 3-4; (2): 7-8; (3): 11-12; (4): 14; (5): 19; (6): 23-24; (7): 28.
- KAMARUDIN N.H., 1996: Hymenopterous parasitoids associated with the bagworms *Mertisa plana* and *Mahasena corbetti* (Lepidoptera: Psychidae) on oil palms in Malaysia. – Bulletin of Entomological Research 86(4): 423-429.
- NARENDRAN T.C., 1989: Oriental Chalcididae (Hymenoptera: Chalcidoidea). – Department of Zoology, University of Calicut, Kerala, 441 pp.
- UNIVERSAL CHALCIDOIDEA DATABASE 2011: <<http://www.nhm.ac.uk/jdsml/research-curation/research/projects/chalcidoids>> – Visited on 14.III.2011.
- YUBUS A. & HUA H.T., 1969: The biology and chemical control of the maize borer *Ostinia salentialis* SNELLEN in West Malaysia. – Malaysian Agricultural Journal 47(1): 109-140.

Author's address: Michael MADL, Entomological Department (2. Zoologische Abteilung), Natural History Museum, Burgring 7, 1010 Vienna, Austria.  
E-Mail: michael.madl@nhm-wien.ac.at

# ZOBODAT - [www.zobodat.at](http://www.zobodat.at)

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Zeitschrift der Arbeitsgemeinschaft Österreichischer Entomologen](#)

Jahr/Year: 2012

Band/Volume: [64](#)

Autor(en)/Author(s): Madl Michael

Artikel/Article: [Notes on the family Chalcididae \(Hymenoptera: Chalcidoidea\) of Pulau Perhentian \(Malaysia\). 133-134](#)