

**A CHECKLIST OF THE LONGHORN BEETLES
(CERAMBYCIDAE: CERAMBYCINAE)
OF SARAWAK**

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ABSTRACT

A checklist of the longhorn beetles from the subfamily Cerambycinae of Sarawak was compiled from literature records and specimens currently deposited at three insect repositories in Sarawak: the UNIMAS Insect Reference Collections, Forest Research Centre, Sarawak and the Sarawak Museum. Based on literature records, a total of 119 species from 55 genera has been documented in Sarawak. Of this, only 42 species are available as voucher specimens in the stated repositories. A checklist of these beetles is presented. *Hoplocerambyx spinicornis* was found to be the most abundant and commonly encountered species.

ABSTRAK

Senarai kumbang dari subfamily Cerambycinae di Sarawak telah disediakan dari rekod kepustakaan dan berasaskan spesimen baucer yang terdapat di tiga repositori serangga di Sarawak, iaitu Koleksi Serangga Rujukan UNIMAS, Pusat Penyelidikan Sarawak

dan Muzium Sarawak. Berasaskan rekod kepustakaan, sejumlah 119 spesies dari 55 genus telah didokumen di Sarawak. Daripada jumlah ini, hanya 42 spesies terdapat sebagai spesimen baucer di ketiga-tiga repositori tersebut. Senarai kumbang tersebut disertakan di sini. *Hoplocerambyx spinicornis* merupakan spesies yang paling melimpah dan kerap dijumpai.

INTRODUCTION

The family Cerambycidae in Sarawak is represented by 4 subfamilies, Prioninae (6%), Cerambycinae (25%), Lamiinae (68%) and Lepturinae (1%). Wallace (1962) described Sarawak as the most prolific spot for collecting longhorn beetles, where he captured 80 species in 15 days and 120 species within a month. According to Linsley (1959), *Chlorophorus (Clytanthus) annularis* were seen in swarm on Mt. Penrissen and *Demonax* species, a greyish black-banded beetle was the commonest of all cerambycines in Kuching.

In an attempt to review this subfamily in Sarawak, a checklist of the cerambycine longhorn beetles of Sarawak was compiled from literature records and specimens.

currently deposited at the UNIMAS Insect reference Collections, Sarawak Forestry Research Centre, and the Sarawak Museum.

Based on literature records, a total of 119 species from 55 genera has been reported from Sarawak. Fifteen tribes are known to occur in the state, the most well represented tribes being Cerambycini and Clytini. The tribes Hesperophanini, Oabriini, Pyrestini, Glaucyctini, Tillomorphini, Cleomenini and Compsocerini could be considered as uncommonly encountered, being scarcely represented in the examined collections. Of 119 species documented in Sarawak, only 42 species are available as voucher specimens in the local repositories. A checklist of these beetles is presented in Table 1.

Specimens deposited in the UNIMAS Insect Reference Collection of Universiti Malaysia Sarawak campus at Kota Samarahan were mostly collected during field surveys in Sarawak between June 1994 and 2002. The main sampling method employed was light sheet trapping with a 160 W mercury vapor

lamp powered by a 220 -240 V portable generator. Apart from that, collecting was also done using sweep and aerial nets along jungle trails. Throughout this study, *Hoplocerambyx spinicornis* was the most abundant and common species encountered. It is also the most widely distributed cerambycid in Sarawak and other countries such as Nepal, India, Afghanistan and Philippine Islands (Gahan 1906).

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- Linsley, E. G. (1959) Mimetic form and coloration in the Cerambycidae (Coleoptera). *Ann. Ent. Soc. Amer.*, Vol 52: 125 - 131.
- Wallace, A. R. (1962) The Geographical Distribution of Animals. Vol. 1. *Hafner Publishing Company*. p. 343

Table 1. A checklist of the Cerambycinae recorded from Sarawak.

TRIBE METHIINI

- * *Hyphus apicalis* Pascoe
- * *Noserius femoralis* Aurivillius
- N. ovatipennis* Pascoe
- * *N. tibialis* Pascoe
- Tetraommatus callidioides* (Pascoe)
- T. testaceus* (Pascoe)
- Xystrocera alcyonea* Pascoe
- * *X. globosa* (Olivier)
- * *X. festiva* Thomson

TRIBE HESPEROPHANINI

Gnatholea subnuda Lacordaire

TRIBE CERAMBYCINI

- * *Aeolesthes aunfaber* (White)
- Calpazia vermicularis* Pascoe
- * *Cyriopalus pascoei* Thomson
- * *C. wallacei* Pascoe
- Derolus trifulvofasciatus* Hayashi
- * *Dialeges pauper* Pascoe
- D. tenuicornis* Pascoe
- Elydnus amictus* Pascoe
- Hoplocerambyx morosus* (Pascoe)
- * *H. spinicornis* (Newman)
- Imbrius micaceus* (Pascoe)
- * *Massicus pascoei* (Thomson)
- Neocerambyx alexis* Pascoe
- N. aurifaber* (White)
- N. gigas* (Thomson)
- * *N. paris* (Weidemann)
- * *Plocaederus ruficornitis* (Newman)
- * *Rhytidodera simulans* (White)
- * *Trirachys bilobulartus* Gressitt & Rondon
- T. orientalis* Hope

Xoanodera Inscita (Pascoe)

* *X (Lajoyeia) striata* Gressitt et Rondon

* *X (Xoanodera) regularis* Gahan

Zatrephus pannosus Pascoe

Zegriades magister (Pascoe)

TRIBE CALLIDIOPINI

* *Ceresium femoratum* Aurivillius

* *C. flavipes* (Fabricius)

* *C. furtivum* Pascoe

* *C. zeylanicum* White

C. ? versutum Pascoe

Examnes frontalis Pascoe

Salpinia diluta Pascoe

TRIBE OBRINI

Obrium annulicorne Pascoe

TRIBE MOLORCHINI

Epania paulla Pascoe

E. sarawakensis Pascoe

E. singaporensis (Thomson)

Euchlanis collaris Pascoe

Merionoeda brachyptera Pascoe

M. calcarata Pascoe

M. scitella Pascoe

M. subulata Pascoe

TRIBE PROTHEMINI

* *Euryarthrum albocinctum* Blanchard

E. bifasciatum (Pascoe)

* *E. carinatum* Pascoe

Mesophaea lachrymosa Pascoe

TRIBE CALLICHROMINI

Amblyontium inerme Bates

* *Chloridolum borneense* Aurivillius

* *C. cinnyris* Pascoe

* *C. plicatulum* Aurivillius

C. radiatum Pascoe

* *C. scytalicum* Pascoe

* *C. thomsoni* Pascoe

C. viridipenne Pascoe
Pachyteria moultoni Aurivillius
Schmidtiana borneoensis (Ritsema)
Zonopterus imitans Aurivillius

TRIBE PURPURICENINI

Euiyclelia cardinalis (Thomson)
 * *Euryphagus lundii* (Fabricius)
E. maxillosus (Olivier)

TRIBE PYRESTINI

Erythrus assimilis Aurivillius
E. axillaris Aurivillius
E. bimaculatus Aurivillius
Pyrestes eximius Pascoe

TRIBE GLAUCYTINI

Polyphida argenteofasciata Aurivillius
P. clytoides Pascoe
P. modesta Gahan

TRIBE CLYTINI

* *Acrocyrta clytoides* Pascoe
A. rufofemorata Aurivillius
Chlorophorus annularis (Fabricius)
 * *C. moultoni* Aurivillius
C. seclusus (Pascoe)
 * *C. sumatrensis* (Laporte et Gory)
C. torquilla (Pascoe)
Demonax alcellus Pascoe
D. algebraicus Pascoe
D. bakeri Aurivillius
D. damalis Pascoe
D. detortus Pascoe
 * *D. martes* Pascoe
D. mulio Pascoe
D. musivus Pascoe
 * *D. mustela* Pascoe
D. nawatai Hayashi
D. transversalis Aurivillius

- D. tipularius* Pascoe
 * *D. ventralis* Goch.
 * *D. viverra* (Pascoe)
Demonax ? polyzonus Pascoe
 * *Perissus aemulus* Pascoe
P. fluctuosus Pascoe
Psilomerus kishimotoi Hayashi
Sclethrus amoenus (Gory)
Xylotrechus australis (Laporte et Gory)
 * *X. brevicornis* Pascoe
 * *X. ceycinum* Pascoe
X. decoratus Pascoe
X. imperfectus Chevrolat
X. javanicus (Laporte et Gory)
X. lyratus Pascoe
 * *X. pedestris* Pascoe
 * *X. scenicus* Pascoe

TRIBE TILLOMORPHINI

- Centrotoclytus asperatus* Aurivillius
Halme cleriformis Pascoe

TRIBE CLEOMENINI

- Artimpaza odontoceroides* Thomson
Cleomenes dihammophoroides Thomson
Dere bivittata Hayashi
Eodalis lepidus Pascoe
Mimistena biplagiata Gahan

TRIBE COMSOCERINI

- Eurybatus decem-punctatus* (Westwood)

An (*) before a species name indicated voucher specimens deposited in the three repositories in Sarawak