

**A description of a new species of the genus *Callichromopsis* Chevrolat, 1863
(Coleoptera: Cerambycidae: Cerambycinae: Compsocerini)
from Peninsular Malaysia**

Petr VIKTORA

Třebišovská 605, CZ-28401 Kutná Hora, Czech Republic
e-mail: viktora_print@centrum.cz

Taxonomy, new species, Coleoptera, Cerambycidae, Compsocerini, *Acrocyrtidus*, *Callichromopsis*, Malaysia

Abstract. *Callichromopsis amoena* sp. nov. from Peninsular Malaysia is described and illustrated. The new species is compared to *Callichromopsis albosignata* Hayashi, 1977.

INTRODUCTION

Callichromopsis was established with the type species *Callichromopsis telephoroides* (Westwood, 1848) by Chevrolat (1863). Further two species were described by Aurivillius (1922) and Hayashi (1977) as can be seen in (Tavakilian G. (Author) & Chevillotte H. (Software), 2014). Species of the genus *Callichromopsis* are known only from Sri Lanka, Peninsular Malaysia and Borneo. In the present paper I describe and illustrate a new species from Peninsular Malaysia: *Callichromopsis amoena* sp. nov. The new species is compared in the Differential diagnosis with *Callichromopsis albosignata* Hayashi, 1977, which is also illustrated. A list of presently known species of the genus *Callichromopsis* Chevrolat, 1863 is added.

A similar genus, *Acrocyrtidus*, was established by Jordan (1894). Only one species, *Acrocyrtidus griseofasciatus* Hayashi, 1982, is known from Malaysia. Photographs of the male holotype (OMNH) and of the firstly recorded female (CPV) are presented here.

MATERIAL AND METHODS

Specimens examined including the type material are deposited in the following institutions/museums or private collections.

CPV private collection of Petr Viktora, Kutná Hora, Czech Republic;

OMNH Osaka Museum of Natural History, Osaka, Japan.

Slash (/) separates data from different lines of locality and determination labels.

TAXONOMY

Genus *Callichromopsis* Chevrolat, 1863

Callichromopsis amoena sp. nov.

(Fig. 1)

Type locality. Peninsular Malaysia, Pahang, Cameron Highlands, Ringlet.

Type material. Holotype (♀): 'MALAYSIA - Pahang' / 'Cameron Highlands' / 'Ringlet' / '9.iv. - 16.iv. 2014' / 'P. Viktora lgt.', (CPV). The type is provided with a printed red label: 'Callichromopsis amoena sp. nov.' / 'HOLOTYPUS' / 'P. Viktora det., 2014'.

Description of holotype. Habitus of female holotype as in Fig. 1a. Body elongate, narrow, parallel, punctuate, black, with pubescence. Body length 10.3 mm, widest in humeral part of elytra, humeral width 2.6 mm, 4 times longer than wide.

Head narrow, slightly narrower than pronotum at middle, black, punctuate, punctuation sparser between eyes. Posterior half with very short pale pubescence, anterior part and clypeus with few long pale setae. Clypeus and maxillary palpi pale brown. Eyes black, strongly excised with antennae and strip of silver-white pubescence in excision.

Ultimate palpomere slightly broader than penultimate, roundly cut in distinctly pale apex.

Antennae longer than body, narrow, filiform, antennomeres 3-5 distinctly widest in apex. Antennomeres 1-5 and 9-11 black, antennomere 6 from pale brown to brown, antennomeres 7-8 ochre yellow. Antennomere 2 the shortest, antennomere 3 the longest, each of antennomeres 4-10 distinctly longer than antennomere 11. Antennomeres 1-6 with long pale setae on inner side. Ratios of relative lengths of antennomeres 1-11: 0.51 : 0.15 : 1.00 : 0.84 : 0.85 : 0.81 : 0.75 : 0.70 : 0.47 : 0.40 : 0.45.

Pronotum black, with short gray pubescence and a few long pale setae, with punctuation, matte. Pronotum 1.2 times longer than wide at base and 1.08 times longer than wide in the widest part (middle of the pronotum). Lateral margins distinctly arcuate.

Scutellum black, widely triangular, matte, with paler pubescence in apex.

Elytra 6.6 mm long and 2.6 mm wide; narrow, elongate, parallel, widest at base, with punctuation and pubescence (partly black, partly silver-white, with golden-yellow setae). Distribution of spots of pubescence as in Fig. 1a. Lateral margins distinct, rounded apically.

Legs long and narrow, black, with brown and pale brown dense pubescence. Metatarsomere 1 2.45 times longer than metatarsomeres 2 and 3 together.

Elytral epipleura black, narrow, matte, with pubescence.

Ventral side of body black, with dense and long silver-white pubescence.

Genitalia as in Fig. 1b.

Male. Unknown.

Differential diagnosis. The most similar species from the genus *Callichromopsis* Chevrolat, 1863 is *Callichromopsis albosignata* Hayashi, 1977. The new species *Callichromopsis*

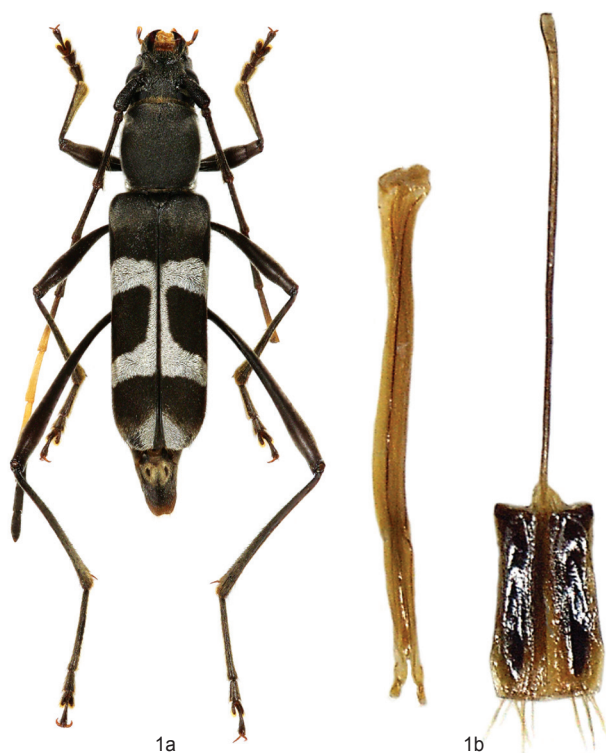


Fig. 1. *Callichromopsis amoena* sp. nov.: a- ♀ holotype; b- ♀ genitalia.

amoena sp. nov. has metatarsomere 1 2.45 times longer than metatarsomeres 2 and 3 together, while *Callichromopsis albosignata* Hayashi, 1977 has metatarsomere 1 twice longer than metatarsomeres 2 and 3 together. *Callichromopsis amoena* sp. nov. has also different shapes of colour spots on the elytra (see Figs 1a, 2a).

Etymology. The name refers to an interesting appearance of the new species.

Distribution. Peninsular Malaysia.

Callichromopsis albosignata Hayashi, 1977

(Fig. 2)

Callichromopsis albosignatus Hayashi, 1977: 117. (sic es)

Callichromopsis albosignatus: Mizuno & Shiyake, 2004, p29, pl. 10, Fig. 252.

Type material. Holotype (♂): Gap, Malaysia, 3.iv.1975, Y. Kiyoyama leg., (Hayashi coll. - OMNH); Paratype: (1 ♂): Gap, Malaysia, 27.iii.1975, Y. Kiyoyama leg., (Shibata coll.). (as in original description by Hayashi (1977)).

Remark. „Holotype is preserved in Hayashi collection, data label of which is written as follows: (Holotype) 27.iii.1974, Y. Kiyoyama leg. Therefore, type-designations and their

data were confused and misprinted in the original description.“ (MIZUNO K. & SHIYAKE S. 2004: 29).

Distribution. Peninsular Malaysia.

A LIST OF THE SPECIES OF THE GENUS *CALLICHROMOPSIS* CHEVROLAT, 1863



2

Fig. 2. *Callichromopsis albosignata* Hayashi, 1977: ♂ holotype (OMNH).

Callichromopsis albosignata Hayashi, 1977
Callichromopsis albosignatus Hayashi, 1977: 117. (sic es)

Peninsular Malaysia

Callichromopsis amoena sp. nov.

Peninsular Malaysia

Callichromopsis furcifera (Aurivillius, 1922)

Borneo (Malaysia - Sabah, Brunei)

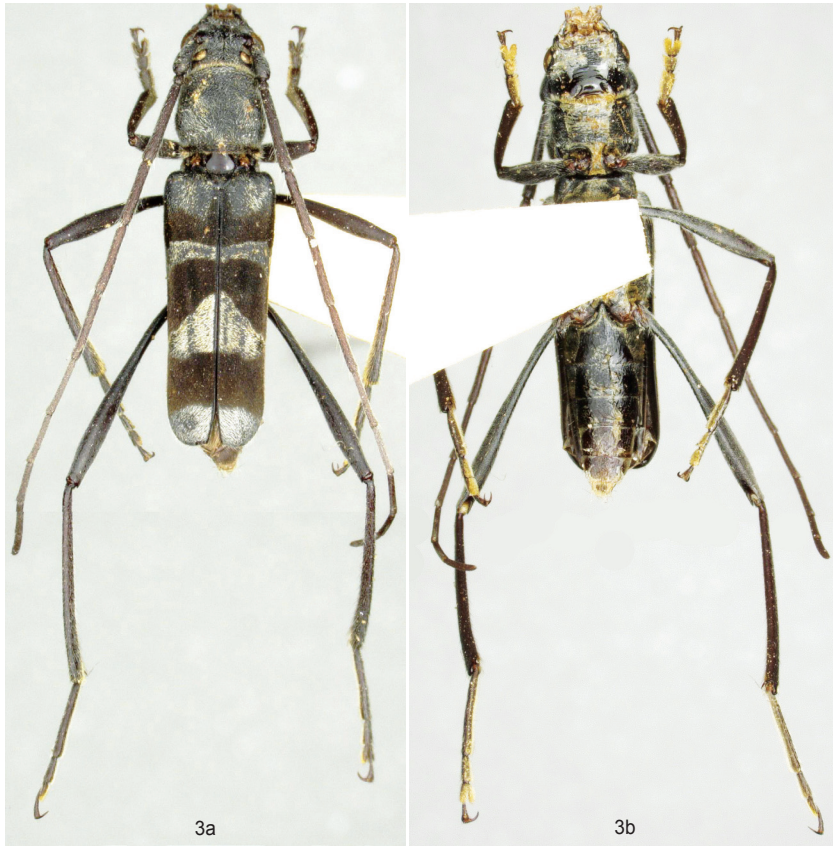
Demonax furcifer Aurivillius, 1922: 413, fig. 96.

Callichromopsis furcifera comb. nov.: Holzschuh, 2005: 37.

Callichromopsis telephoroides (Westwood, 1848) Sri Lanka

Cerambyx telephoroides Westwood, 1848: 59, pl. XXIX, Fig. 1.

Callichromopsis telephoroides comb. nov.: Chevrolat, 1863, 255.



CAMERON HI.
MALAYSIA
1978 -- 1979

Acrocyrtidus
griseofasciatus
Hayashi
Det. M. Hayashi, 1982

HOLOTYPE

M945

3c

Fig. 3. *Acrocyrtidus griseofasciatus* Hayashi, 1982, ♂ holotype: a- dorsal view; b- ventral view; c- labels.

Genus *Acrocyrtidus* Jordan, 1894

***Acrocyrtidus griseofasciatus* Hayashi, 1982**
(Figs. 3-4)

Acrocyrtidus griseofasciatus Hayashi, 1982: 2.

Type material. Holotype (♂): Cameron Highlands, Pahang, Malaysia, 1978-1979, Local collector leg., (Shibata coll.).

Additional material. 'W Malaysia' / 'Cameron Highlands' / 'Tanah Rata' / 'iii. - iv. 2007' / 'local collector', (1 ♀), (CPV).

Distribution. Peninsular Malaysia.



Fig. 4. *Acrocyrtidus griseofasciatus* Hayashi, 1982:
♀ (W Malaysia, Cameron Highlands; CPV).

ACKNOWLEDGEMENTS. Sincere thanks are due to Shigehiko Shiyake (OMNH) for providing the photos of type specimens from the Hayashi and Shibata collection, special thanks go to Vladimír Novák (Prague, Czech Republic) for indispensable help with the compilation of the manuscript and critical comments on the manuscript of this paper.

REFERENCES

- AURIVILIUS C. 1922: Neue oder wenig bekannte Coleoptera Longicornia. 18. *Arkiv för Zoologi* 14 (18): 1-32 (= 405-436).
- CHEVROLAT A. 1863: Clytides d'Asie et d'Océanie. *Mémoires de la Société Royale des Sciences de Liège* 18: 253-350.
- HAYASHI M. 1979: Study on Cerambycidae from West Malaysia (Col.) Part I. *Bulletin of the Osaka Jonan Women's Junior College* XII: 93-128.
- HAYASHI M. 1982: Study on Cerambycidae from West Malaysia (Col.) Part III. *Bulletin of the Osaka Jonan Women's Junior College* XV: 1-14, 1 pl.
- HOLZSCHUH C. 2005: Beschreibung von neuen Bockkäfern aus SE Asien, vorwiegend aus Borneo (Col., Cerambycidae). *Les Cahiers Magellanes* 46: 1-40, 31 figs.
- JORDAN K. 1894: On some new genera and species of the Coleoptera in the Tring Museum. *Novitates Zoologicae* 1: 484-503.
- MIZUNO K. & SHIYAKE S. 2004: A list of Coleopterous Taxa submitted by the late Dr. Masao Hayashi with Type-specimens designated in his descriptions. *Special publications from the Osaka Museum of Natural History* 36: 1-82, 22 pl.
- TAVAKILIAN G. (Author) & CHEVILLOTTE H. (Software) 2013: Titan: base de données internationales sur les Cerambycidae ou Longicornes. Version 3.0, [15/10/2012]. [<http://lully.snv.jussieu.fr/titan/>]
- THOMSON J. 1864: Systema cerambycidarum ou exposé de tous les genres compris dans la famille des cérambycides et familles limitrophes. *Mémoires de la Société Royale des Sciences de Liège* 19: 1-540.
- WESTWOOD J. O. 1848: *The cabinet of oriental entomology; being a selection of rare and beautiful insects, natives of India and the adjacent islands*. London: W. Smith, ii + 88 pp., 42 pls.

Received: 16.12.2014

Accepted: 2.1.2015

