

## TO THE KNOWLEDGE OF LONG-HORNED BEETLES (COLEOPTERA: CERAMBYCIDAE) OF THE ORIENTAL REGION. PART 5

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### Abstract

In this paper, we outline new faunistic data about 51 little-known species that make up the longhorn fauna of the oriental region. In particular, 15 species belonging to the subfamily Cerambycinae and 36 species belonging to the subfamily Lamiinae are treated in this paper. A total of 3 species were recorded for the first time since its description, which includes *Elongatopothyne basirufipennis* Breuning, 1963; *Anoplophora iadina* Wang, He, Huang, 2023; and *Pseudocheromorpha yamasakoi* Vives & Troccoli, 2024. Additionally, new distribution records of 9 species were added to the local fauna of the different areas. New country distributions were recorded for *Gnatholea stigmatipennis* (White, 1855) in Vietnam; *Mimohammus flavescens* Aurivillius, 1911 in Indonesia; and *Cacia herbacea* (Pascoe, 1866) in Indonesia. While new local distributions were recorded for (Indonesia) *Scalenus hemipterus* (Olivier, 1800) in Borneo Island, West Kalimantan; *Hyphus apicalis* Pascoe, 1869 in Sumatra Island; *Xystrocera festiva* Thomson, 1861 Borneo Island, West Kalimantan and Sulawesi Island; *Cacia semiluctuosa* Blanchard, 1853 in Kelang Island; (Vietnam) *Scalenus pseudosericeus* Jiroux, Haller, & Bentanachs, 2019 in Nghe An and Yenbai Province; and (Philippines) *Schmidiana gertrudis* Huedepohl, 1983 in Surigao del Sur, Mindanao Island.

Keywords: Cerambycinae, Lamiinae, Oriental Region, distribution, fauna.

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## INTRODUCTION

Longhorn beetles are widely represented in the oriental region and are marked by a high degree of endemism. With the rare and diverse species that make up the Oriental cerambycid fauna, it is imperative to continuously document each species and establish detailed distribution data to facilitate the conservation of these unique species and their habitat.

This article is a continuation of the series of publications providing data on the distribution of oriental longhorn fauna. Part 1 presented faunistic data about 34 longhorn beetles (Barševskis 2018), followed by Part 2 with new distributional records of 85 species. Then, Part 3 has new records of 164 species. The most recent, Part 4, summarizes faunistic data about 82 rare and little-known species with notes on synonymy.

In this paper, we outline new faunistic data of 51 little-known species from two subfamilies Lamiinae Latreille, 1825 and Cerambycinae Latreille, 1802 of the the longhorn fauna of the oriental region.

## MATERIAL AND METHODS

The studied material is deposited in the beetles collection at Daugavpils University, Institute of Life Sciences and Technology, Coleopterological Research Centre (DUBC; Ilgas et al., Latvia).

The laboratory research and measurements were performed using Nikon AZ 100, Nikon SMZ 745T, Zeiss Stereo LumarV12 digital stereomicroscopes, and NIS-Elements6D software. The habitus photograph was obtained with a digital camera Canon EOS 6D with Canon MP-E 65 mm macro lens, using Helicon Focus auto montage, and subsequently was edited with Photoshop. All measurements are given in millimeters. The present paper follows the taxonomic nomenclature provided by Tavakilian and Chavillotte (2024).

## RESULTS

### Cerambycinae

#### Callichromatini

1. *Scalenus auricomus* (Ritsema, 1890) - Indonesia: Java isl., 03.2009 (1, local collector leg.), 08.2014 (7, local collector leg.); Java isl., Mt. Argopuro, 11.2008 (4, local collector leg.), 01.2014 (7, local collector leg.), 02.2014 (3, local collector leg.), 01.2015 (1, local collector leg.); Bali isl., 03.2009 (1, local collector leg.).
2. *Scalenus borneensis* Bantanachs & Drouin, 2014 - Indonesia: Borneo isl., West Kalimantan, Mt. Bawang, 04.2015 (3 local collector leg.), 11.2015 (3, local collector leg.), 03.2016 (1, local collector leg.), 04.2016 (1, local collector leg.), 05.2016 (17, local collector leg.), 04.2017 (1, local collector leg.); West Kalimantan, Suruh env., 05.2015 (1, local collector leg.).
3. *Scalenus hemipterus* (Olivier, 1800) - Indonesia: Borneo isl., West Kalimantan, Mt. Bawang, 10.2015 (2, local collector leg.), 11.2015 (1, local collector leg.), 05.2016 (1, local collector leg.), 05.2018 (2, local collector leg.); Java isl., Mt. Argopuro, 01.2014 (7, local collector leg.); Mt. Sindoro, Vonosobo, 11.2015 (1, local collector leg.).
4. *Scalenus fasciatipennis* (Waterhouse, 1885) - Indonesia: Borneo isl., West Kalimantan, Mt. Bawang, 03.2018 (2, local collector leg.), 10.2018 (1, local collector leg.).
5. *Scalenus pseudosericeus* Jiroux, Haller & Bantanachs 2019 - Vietnam: Nghe An, 07.2016 (1, local collector leg.); Yenbai, Mukang Chai, 04.2014 (1, local collector leg.).
6. *Scalenus sericeus* (Saunders, 1853) - Thailand: Chiang Rai, Wiang Pa Pao, 07.2010 (2, local collector leg.), 05.2014 (1, local collector leg.).
7. *Schmidtiana gertrudis* Huedepohl, 1983 - Philippines: Mindanao isl., Surigao del

Sur, San Miguel, 07.2018 (1, local collector leg.).

8. *Schmidtiana legrandi* Morati & Huet, 2003 - Philippines: Leyte isl., Mahaplag, 04.2017 (2, local collector leg.).

### Cerambycini

9. *Lachnopterus auripennis* (Newman, 1842) - Indonesia: Moluccas, Halmahera Utara, Galela reg., along the road between Paca and Soasio, 11.2009 - 03.2010, secondary forest, (1, S.S.Nagara leg.).

### Hesperophanini

10. *Gnatholea stigmatipennis* (White, 1855) - Vietnam: Lung Cu, Ha Giang, 1600 m, 04.2019 (2, local collector leg.).

### Oemini

11. *Hyphus apicalis* Pascoe, 1869 - China: Guang Xi, Jinxiu, Mt. Dayaoshan, 06.2021 (2, local collector leg.) Indonesia: Sumatra isl., Mt. Sanggul, 1250 m, Landai vill. env., 05.2014 (1, local collector leg.); Vietnam: Lung Cu, Ha Giang, 1600 m, 04.2019 (1, local collector leg.); Yen Bai, 04.2020 (1, local collector leg.).

### Phoracanthini

12. *Nyphasia pascoei* Lacordaire, 1869 - India: Arunachal Pradesh, Changlang distr., Mao env., 300 m, 05.2010 (1, local collector leg.); Vietnam: Binh Thuan, Dong Tien, 06.2019 (1, local collector leg.), 05.2019 (1, local collector leg.), 05.2020 (2, local collector leg.).

### Xystrocerini

13. *Xystrocera apiculata* Pascoe, 1869 - Indonesia: W Papua, Fak-Fak, Kayuni distr., Oawabkenda, 09.2021 (1, local collector leg.); W Papua, Fak-Fak, Kayuni distr., Waarfa vill., 09.2018 (13, V.Votsekhovskii leg.); W Papua, Jayapura prov., Gresi distr., Klaisu vill., 02.2020 (1, local collector leg.); W Papua, Jayapura prov., Gresi distr., Jaya

vill., 11.2019 (1, V.Voitsekhovskii leg.).

14. *Xystrocera festiva* Thomson, 1861 - Indonesia: Borneo isl., West Kalimantan, Mt. Bawang, 05.2019 (1 local collector leg.); Sulawesi isl., Central Sulawesi, Palolo Palu, Kamorora vill., 1250 m, 06.2018 (1, local collector leg.), 10.2018 (1, local collector leg.).
15. *Xystrocera globosa* (Olivier, 1795) - Indonesia: Tanimbar isls., Yamdena isl., Lorulum vill. env., 20 km NE of Saumlaki, 150 m, 25.09.-24.12.2006 (1, S. Jaki leg.); Myanmar: Chin State, Chin hills, 400-500 m, NW Falam, 05.-06.2016 (1, local collector leg.); Sri Lanka: North Central prov., Talawa, 06.06.2010 (1, local collector leg.); Vietnam: Lung Cu, Ha Giang, 04.2019. (3, local collector leg.).

### LAMIINAE

#### Agapanthiini

16. *Cleptomotopus luteonotatus* (Pic, 1925) - Vietnam: Yenbai, 05.2024 (1, local collector leg.).
17. *Elongatopothyne basirufipennis* Breuning, 1963 - Vietnam: Bao Loc, Lam Dong, 05.2023 (1, local collector leg.). First published data about finding of species after its description.

#### Desmiphorini

18. *Parectatosia valida* Breuning, 1940 - Vietnam: Lamdong, Darsal, 05.2024 (1, C. Tran leg.).

#### Lamiini

19. *Agnia (Agnia) eximia* Pascoe, 1860 - Indonesia: Moluccas, Bacan isl., 12.2005 (1, local collector leg.), 12.2015 (1, local collector leg.); Bacan isl., Maklan vill., 12.2010 (4, local collector leg.); Bacan isl., Mt. Sibela, 06.2016 (2, local collector leg.).
20. *Agnia (Agnia) fasciata* Pascoe, 1859 - Indonesia: Moluccas, Seram isl., Saleman

- vill., 08.2015 (5, local collector leg.), 09.2015 (1, local collector leg.), 12.2015 (2, local collector leg.), 06.2017 (1, local collector leg.); Seram isl., Bula, 04.2021 (1, local collector leg.).
21. *Agnia (Agniella) molitor* (Aurivillius, 1927) - Indonesia: Sulawesi isl., Palolu, Palu, 06.2002 (1, local collector leg.), 01.2020 (1, local collector leg.), 05.2020 (4, local collector leg.), 06.2020 (3, local collector leg.); Puncak Palopo, 06.2002 (5, local collector leg.), 10.2013 (1, local collector leg.), 10.2019 (3, local collector leg.), 12.2019 (1, local collector leg.), 05.2013 (1, local collector leg.), 03.2020 (1, local collector leg.), 01.2021 (1, local collector leg.)
22. *Anoplophora fruhstorferi* (Aurivillius, 1902) - Vietnam: Ha Giang, 06.2023 (4, local collector leg.), 08.2023 (2, local collector leg.); Yen Bai, 08.2022 (1, local collector leg.).
23. *Anoplophora iadina* Wang, He, Huang, 2023 - China: Yunnan, Yunlong, Caojiang vill., 10.2023 (2, local collector leg.). First published data about finding of species after it's description.
24. *Anoplophora tonkinae* (Pik, 1907) - Vietnam: Ha Giang, 05.2020 (1, local collector leg.), 06.2023 (1, local collector leg.); Tam Dao, Vinh Phuc, 05.2020 (7, local collector leg.); Yen Bai, 06.2020 (6, local collector leg.), 05.2023 (1, local collector leg.), 12.2023 (1, local collector leg.); Yen Bai Mucang Chai, 1700 m, 07.2018 (1, local collector leg.), 07.2019 (1, local collector leg.), 07.2020 (1, local collector leg.).
25. *Aristobia quadrifasciata malasiaca* Jiroux, Garreau, Bentanachs, Prevost, 2014 - Malaysia: Pahang, Cameron Highlands, Tanah Rata, 1400 m, 04.2015 (1, local collector leg.).
26. *Dolichoprosopus lethalis canescens* Poll, 1890 - Indonesia: Moluccas, Bacan isl., 09.2008 (1, local collector leg.), 09.2012 (3, local collector leg.); Bacan isl., Makian vill., 12.2010 (1, local collector leg.).
27. *Imantocera griseescens* Dillon & Dillon, 1951 - Indonesia: Java isl., Mt. Argopuro, 11.2014 (3, local collector leg.); Ranon, 14.04.2005. (4, local collector leg.).
28. *Imantocera niasensis* Breuning, 1936 - Indonesia: Sumatra isl., Sumatera Utara prov., Tangkahan, 100 m, 06.02.2011 (1, R.Cibuļskis leg.).
29. *Imantocera penicillata* (Hope, 1831) - Laos: Mt. Phu Phan, 05.2015 (1, local collector leg.); Vietnam: Binh Thuan, 07.2016 (1, local collector leg.); Lam Dong, Mt. Di Linh, 900m, 04.2014 (1, local collector leg.); Lam Dong, Bao Loc, 08.2016 (1, local collector leg.); Mt. Fansipan, Cha-pa, 1600-1800 m, 15.-23.03.1995 (Siniaev leg.); Mucang Chai, 1700 m, Yenbai prov., 07.2016 (1, local collector leg.); Tam Dao, 1600 m, 20.04.2005 (1, V.Siniaev leg.); Tam Dao National Park, 1000 m, Vinh Puc prov., 06.2014 (1, J.Netusil leg.).
30. *Imantocera plumosa* (Olivier, 1797) - Indonesia: Borneo isl., W Kalimantan, Mt. Bawang, 250 m, 11.2014 (2, local collector leg.), 12.2014 (3, local collector leg.); Nias isl., 07.1995 (1, local collector leg.); Malaysia: Cameroon Highlands, 10.04.2012 (1, local collector leg.).
31. *Imantocera sumbawana* Breuning, 1947 - Indonesia: Lombok isl., Mt. Rinjani, S slopes, 200-600 m, 04.2010 (2, local collector leg.), 04.2011 (3, local collector leg.); Sumba isl., 11.2015 (7, local collector leg.). First published data about finding of species from Lombok & Sumba islands.
32. *Mimohammus flavescens* Aurivillius, 1911 - Indonesia: Borneo isl., West Kalimantan, Mt. Bawang, 06.2019 (1, local collector leg.).
33. *Peribasis helenor* (Newman, 1851) - Malaysia: Pahang, Cameron Highlands, Tanah Rata, 1400 m, 05.2015 (1, local collector leg.).
34. *Peribasis pubicollis* (Pascoe, 1866) - Indonesia: Borneo isl., West Kalimantan,

- Mt. Bawang, 04.2015 (1, local collector leg.), 06.2021 (1, local collector leg.); Malaysia: Trus Madi, Sabah, 04.2014 (1, local collector leg.).
35. *Pharsalia mortalis* (Thomson, 1857) - Indonesia: Java isl., W Java prov., Mt. Halimun, 10.2017 (1, local collector leg.).
- Mesosini**
36. *Cacia cretifera luteofasciata* (Pic, 1917) - Laos: Huaphanne prov., Mt. Phu Panne, 1200-1900 m, Ban Salusi vill., 26.04.-10.05.2013 (5, S.Jakl & local collector leg.); Vietnam: Lam Dong, Darsal, 05.2024 (2, C. Tran leg.).
37. *Cacia flavoguttata* Breuning, 1968 - Vietnam: Yen Bai, 04.2019 (1, local collector leg.), 05.2020 (2, local collector leg.).
38. *Cacia herbacea* (Pascoe, 1866) - Indonesia: Sumatra isl., N.R., Annal Valley, 05.2009. (1, local collector leg.).
39. *Cacia semiluctuosa* Blanchard, 1853 - Indonesia: Moluccas, Kelang isl., 05.2014 (5, local collector leg.), 06.2014 (1, local collector leg.), 05.2017 (3, local collector leg.), 10.2017 (2, local collector leg.); Seram isl., Elpaputih vill., 06.-20.06.2014 (1, local collector leg.); Seram isl., Saleman vill., 12.2015 (6, local collector leg.), 02.2019 (7, local collector leg.); Seram isl., Sepa vill., 07.2016 (1, local collector leg.). First published data about finding of species from Kelang island.
40. *Cacia triangulifera* Heller, 1900 - Indonesia: Sulawesi, Central Sulawesi, Palolo Palu, 08.2016 (3, local collector leg.), 10.2017 (1, local collector leg.).
41. *Cacia vanikorensis* (Boisduval, 1835) - Indonesia: Misool isl., Tip, W Papua, 04.2016 (3, local collector leg.).
42. *Choeromorpha* (*Choeromorpha*) *flavolineata* Breuning, 1939 - Indonesia: Sulawesi isl., Bantimurung, 06.2020 (2, local collector leg.).
43. *Choeromorpha* (*Choeromorpha*) *polyspila* (Pascoe, 1865) - Indonesia: Nias isl., 04.2002 (1, local collector leg.).
44. *Choeromorpha* (*Choeromorpha*) *sulphurea* (Pascoe, 1865) - Indonesia: Sulawesi isl., Maros, Laiya vill., 12.2020 (3, local collector leg.); Palolo, Kamarora vill., 07.2013 (13, local collector leg.).
45. *Choeromorpha* (*Choeromorpha*) *wallacei* (White, 1856) - Indonesia: Borneo isl., Kalimantan, 09.2014 (3, local collector leg.); Kalimantan, Mt. Bawang, 06.2016 (4, local collector leg.).
46. *Pseudochoeromorpha yamasakoi* Vives & Troccoli, 2024 - Indonesia: Sulawesi isl., Central Sulawesi, Palolo Palu, Kamarora vill., 04.2018 (1, local collector leg.); South Sulawesi, Bikeru vill., 11.2004 (1, ex coll. Udovichenko P.). First published data about finding of species after it's description.
- Pteropliini**
47. *Cenodocus borneensis* Gilmour & Breuning, 1963 - Indonesia: Borneo isl., Kalimantan Barat prov., SW Kalimantan, Mt. Bawang, Madi vill., 1000-1500 m, 10.2017 (2, local collector leg.), 06.2018 (2, local collector leg.).
48. *Cenodocus laosensis* Breuning, 1965 - Vietnam, Dak Lak, 03.2018 (1, local collector leg.); Tam Dao, Vinc Phuc, 05.2020 (1, local collector leg.).
49. *Faustabryna celebiana* Vives, 2014 - Indonesia: Sulawesi isl., Palolo, 07.2013 (3, local collector leg.).
50. *Zaera cretata* Pascoe, 1865 - Indonesia: West Papua, Jayapura prov., Gresi distr., Klaisa vill., 02.2020 (1, local collector leg.).
- Saperdini**
51. *Glenea* (*Reginoglenea*) *regina* Thomson, 1865 - Indonesia: Borneo isl., West Kalimantan, Mt. Bawang, 11.2015 (5, local collector leg.).

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