

# NEW DATA ON THE DISTRIBUTION OF THE GENUS *ARISTOBIA* (THOMSON, 1868) (COLEOPTERA: CERAMBYCIDAE)

**Jojo Cabras, Jollibee Marilla, Briegita Lasroka Tumanggor,  
Ida Ayu Mas Amelia Kusumaningtyas, Katerina Lecka, Arvīds Barševskis\***

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## Abstract

This article present data on the distribution of ten species of the genus *Aristobia* (Thomson, 1868) of the Oriental and Palaearctic regions. The world fauna of this genus represented by thirteen species. Information about findings of *Aristobia tavakiliani* Jiroux et al., 2014 and *Aristobia quadrifasciata malasiaca* Jiroux et al., 2014 are first published data after original descriptions of these species and subspecies.

Keywords: Coleoptera, Cerambycidae, Lamiinae, Lamiini, longhorns, fauna, Oriental and Palaearctic regions.

\*Corresponding author: *Arvīds Barševskis*. *Daugavpils University, Institute of Life Sciences and Technology, Coleopterological Research Center, Daugavpils, Vienības Str. 13, LV-401, Latvia, E-mail: arvids.barsevskis@du.lv*

*Jojo Cabras, Jollibee Marilla*. *University of Mindanao, Professional Schools, Matina Davao City, Davao del Sur, Philippines 8000, E-mail: j.cabras.442002@umindanao.edu.ph, j.marilla.350904@umindanao.edu.ph*

*Briegita Lasroka Tumanggor*. *University of Brawijaya, Malang City, East Java, Indonesia 65145, E-mail: okatumanggor12@gmail.com*

*Ida Ayu Mas Amelia Kusumaningtyas*. *Universitas Al-Azhar Indonesia, Komplek Masjid Agung Al-Azhar, Jl. Sisingamangaraja No. 2, Kebayoran Baru, South Jakarta, 12110, Indonesia, E-mail: ayu.amelia@gmail.com*

*Katerina Lecka*. *Daugavpils University, Institute of Life Sciences and Technology, Coleopterological Research Center, Daugavpils, Vienības Str. 13, LV-401, Latvia*

## INTRODUCTION

Long-horned beetles, or round-headed borer beetles from the genus *Aristobia* (Thomson, 1868) (Coleoptera: Cerambycidae) belongs to the subfamily Lamiinae, tribe Lamiini. The genus represented by 13 species in the world (Tavakilian & Chevillotte 2021, Roguet 2004–2021). This article presents new faunistic data for ten taxa of this genus.

According to the electronic database *Titan*, there are currently 38583 species of long-horn beetles known worldwide, most of which (21 735 species) belong to the subfamily Lamiinae (Tavakilian & Chevillotte 2022). The fauna of the long-horn beetles of Palaearctic and Oriental regions is incompletely studied. This is especially true for the Oriental Region. At the same time, this region is a global biodiversity hotspot, with huge areas of forest being cut down every year. The deforestation permanently affects the diversity of wood and forest-related species. To protect the endangered long-horn beetle species, it is necessary to save their habitats. Unfortunately, there are limited published faunistic data for many species, so it is not possible to effectively protect them.

This article contains the first faunistic data for *Aristobia tavakiliani* (Jiroux et al. 2014) and *Aristobia quadrifasciata malasiaca* (Jiroux et al. 2014) after original descriptions of these species.

The aim of this article is to publish additional faunistic information about ten species of the genus, deposited in Daugavpils University beetle collection.

## MATERIALS AND METHODS

All studied specimens are deposited in the beetle collection of the Daugavpils University Institute of Life Sciences and Technology, Coleopterological Research Centre, Ilgas, Latvia (DUBC – Ilgas, Daugavpils Distr., Latvia).

Specimens were studied using Nikon AZ100, Nikon SMZ745T, and Zeiss Stereo Lumar V12 digital stereomicroscopes, NIS-Elements 6 software, and Canon 60D camera.

## RESULTS

As a result of research, 102 specimens of the genus *Aristobia* have been identified, which are kept in the collection of Daugavpils University beetles and which belong to 10 species. For two species, *A. tavakiliani* and *A. quadrifasciata malasiaca*, these are the first published reports of finding the species after their description.

### Species list

#### *Aristobia* Thomson, 1868

##### 1. *Aristobia angustifrons* Gahan, 1888

**References:** Gahan 1888, Jiroux et al. 2014.

**Material examined: Thailand:** Chiang Rai, 06.1991, (3 local collector leg.); Chiang Rai, Wiang Pa Pao, 2013, (3, local collector leg.); Chiang Rai, Wiang Pa Pao, 06.2009, (2, local collector leg.); Chiang Rai, Wiang Pa Pao, 08.2014, (1, local collector leg.); Chiang Rai, Wiang Pa Pao, 07.2013, (1); Chiang Rai, Wiang Pa Pao, 06.2013, (1); Chiang Mai, Doi Saket, 07.2015, (1); Chiang Mai, 11.2007, (1); **Laos:** Mt. Phu Phan, Houaphanh, 08.2016, (1, local collector leg.); **Vietnam:** Yen Bai, 08.2020, (1 local collector); Yen Bai, Mucangchai, 1700 m, 08.2017 (1, local collector leg.). **Total:** 15 exs.

##### 2. *Aristobia approximator* (Thomson, 1865)

**References:** Thomson 1865, 1868, 1878; Pascoe 1866; Gemminger, Harold 1873; Brongniart 1891; Gahan 1894; Aurivillius 1922; Beeson 1941; Breuning 1943, 1949, 1961; Breuning & Itzinger 1943; Hayashi 1964; Breuning & Chûjô 1966; Rondon & Breuning 1970; Hua 2002; Mukhopadhyay & Halder 2004; Tol 2008; Löbl & Smetana 2010; Saha et al. 2013; Jiroux et al. 2014; Kumawat et al. 2015; Mitra et al. 2016a, 2017; Hawkeswood & Sommung 2017; Subharani et al. 2018; Lazarev & Murzin 2019; Biswas 2020.

**Material examined: China:** Yunnan, Ying Jiang, Mang Yun, 06.2021 (1, local collector leg.); **Thai-**

**land:** Wiang Nuea, Lampang, 08.2011, (1, local collector leg.); Chiang Mai, Fang, 08.2013, (4, local collector leg.); Chiang Mai, Fang, 06.2014, (1, local collector leg.); Chiang Mai, Mae Taeng, 10.2011, (1, local collector leg.), Chiang Mai, Mae Taeng, 05.2015, (2, local collector leg.); Maetha, Lamphoon, 11.2014, (1, local collector leg.); Lampang, Wangnuea, 08.2010, (1, T. Richter leg.); Thailand, 09.2012, (2, T. Richter leg.); **Vietnam:** Binh Tuan, Dong Tien, 06.2016, (1, local collector leg.); Binh Tuan, Dong Tien, 06.2018, (2, local collector leg.); Tam Dao NP, Tam Dao vill., 07.2015, (1, local collector leg.); A Xan, TayGiang, Quang Nam prov., 10.2019, (1); **Laos:** Mt. Phu Phan, Houaphanh prov., 08.2016, (2, local collector leg.), 06.2019, 2060 m (5, local collector leg.). **Total:** 24 exs.

### 3. *Aristobia freneyi* Schmitt, 1992

**References:** Schmitt 1992, Jiroux et al. 2014, Hawkeswood & Sommung 2016.

**Material examined: Thailand:** Chiang Mai, Sansai, 2010, (1, local collector leg.); Chiang Mai, Sansai, 02.2010 (1); Lamphoon, Maetha, 07.2015, (1, local collector leg.); Chiang Mai, Sansai, 04.2014, (2, local collector leg.). **Total:** 5 exs.

### 4. *Aristobia hispida* (Saunders, 1853)

**References:** Saunders 1853. Thomson 1868. Gemminger & Harold 1873. Aurivillius 1922. Pic 1935. Breuning 1943, 1961, Gressitt 1951, Hua 2002, Jiroux et al. 2014.

**Material examined: China:** Sichuan, Mt. Emei, 06.2008, (1); Sichuan, Chu wej, 07.2007, (2, local collector leg.); Sichuan, Chu wej, 08.2007, (2, local collector leg.). **Total:** 5 exs.

### 5. *Aristobia horridula* (Hope, 1831)

**References:** Hope 1831; Hugel 1848; Thomson 1868; Lacordaire 1869, 1876; Fairmaire 1887; Aurivillius 1922; Beeson 1941; Breuning & Itzinger 1943; Breuning 1943, 1961; Gressitt 1951; Pu 1992; Schmitt 1992; Mukhopadhyay & Biswas 2000; Hua 2002; Weigel 2006; Jiroux et al. 2014; Mitra et al. 2016a.

**Material examined: Thailand:** Chiang Mai, 07.1999, (1, local collector leg.); Chiang Mai, Sansai, 07.2006, (2, local collector leg.); Koh Chang, Trat pr., 07.2013, (1, A. Klimenko leg.); Chiang Mai, Doi Saket, 09.2014, (2); Chiang Mai, 10.2010, (1); Chiang Mai, Sansai, 2010, (2, local collector leg.); Chiang Mai, Sansai, 08.2014, (1, local collector leg.); **Vietnam:** Mu Cang Chai, Yen Bai prov., 04.2016, (1, local collector leg.); Mu Cang Chai, Yen Bai prov., 05.2016, (8, local collector leg.); Lao Cai, Mt. Sa Pa, 05.2015, (1, local collector leg.); Mt. Sa Pa, Lao Cai prov., 06.2014, (2, local collector leg.); **Pakistan:** Tharpakar, Sindh prov., 08.2013, (1, local collector leg.). **Total:** 23 exs.

### 6. *Aristobia quadrifasciata malasiaca* Jiroux et al. 2014

**References:** Jiroux et al. 2014.

**Material examined: Malaysia:** Pahang, Cameron Highlands, Tanah Rata distc., 04.2015, (2, local collector leg.). **Total:** 2 exs.

**Note:** This is the first published faunistic data after the original description of the species.

### 7. *Aristobia reticulator* (Fabricius, 1781)

**References:** Fabricius 1781; Voet 1781, 1806; Fabricius 1787, 1793, 1801; Gmelin 1790; Olivier 1795, 1797; Castelnau 1840; Donovan 1842; Thomson 1865, 1868, 1878; Heyne & Taschenberg 1908; Aurivillius 1922; Beeson 1941; Breuning 1943, 1961; Gressitt 1951; Zimsen 1964; Mukhopadhyay & Biswas 2000; Hua 2002; Mukhopadhyay & Halder 2004; Weigel 2006, 2012; Löbl & Smetana 2010; Jiroux et al. 2014; Agawala & Bhattacharjee 2015; Kumawat et al. 2015; Mitra et al. 2016a, 2016b, 2016c, 2017; Kumawat et al. 2017; Lazarev & Murzin 2019

**Material examined: Vietnam:** Tam Dao, 05.2015, (3, local collector leg.); Tam Dao, Vinh Phuc, 05.2017 (10, local collector leg.), 07.2018 (1, local collector leg.); Yen Bai, 08.2020 (1, local collector leg.), Yen Bai, Mucangchai, 1700 m, 08.2017 (2, local collector leg.); **China:** Guangxi, Fangchengang, 07.2020, (1, local collector leg.). **Total:** 18 exs.

### 8. *Aristobia tavakiliani* Jiroux et al. 2014

**References:** Jiroux et al. 2014.

**Material examined: Malaysia:** Pahang, Cameron Highlands, Tanah Rata dist., 04. 2015, (6, local collector leg.). **Total:** 6 exs.

**Note:** This is the first published faunistic data after the original description of the species.

### 9. *Aristobia umbrosa* (Thomson 1865)

**References:** Thomson 1865, 1868, 1878, Pascoe 1868, 1869, 1875, Gemminger & Harold 1873, Ritsema 1881, Aurivillius 1922, Schwartz 1926, 1927, Fischer 1935, de Jong 1942, Breuning 1943, 1961, Jiroux et al. 2014, Lingfalter et al. 2014.

**Material examined: Indonesia:** Sumatra, 20 km N Payakumbuh, Harau Valley, 05.05.2013 (1, local collector leg.). **Total:** 1 ex.

### 10. *Aristobia voetii* (Thomson, 1878)

(Fig. 1)



**Figure 1.** *Aristobia voetii* (Thomson, 1878).

**References:** Thomson 1878a, Nonfried 1892, Gahan 1894, Aurivillius 1922, Breuning 1943, 1961, Breuning & Itzinger 1943, Gressitt 1951, Pu 1992, Hua 2002, Jiroux et al. 2014.

**Material examined: China:** Yunnan, Yinjiang, Mangyun, 06. 2019, (1, local collector leg.); Yunnan, Xiping, Mt. Ailao Shan, 07.2020, (1, local collector). **Total:** 2 exs.

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### REFERENCES

Agarwala B.K., Bhattacharjee P.P. 2015. Redescription of *Aristobia reticulator* (F., 1781) (Coleoptera: Cerambycidae: Lamiinae), with a Taxonomic Note and Record of a New Food Plant for Adults in Northeastern India. *The Coleopterists Bulletin* 69(2): 205 – 212. <https://doi.org/10.1649/0010-065X-69.2.205>

Aurivillius C. 1922. Cerambycidae: Lamiinae. I. *Coleopterorum Catalogus pars* 73, 23(I). 1 – 322.

Beeson C.F. 1941. The Ecology and Control of the Forest Insects of India and the Neighbouring Countries. *Aswant Singh, The Vasant Press, Dehra Dun* i-ii + 1 – 1007.

Biswas M.K. 2020. Longhorned Beetles (Coleoptera: Cerambycidae) of Dooars, West Bengal. In: *Emerging Concepts in Chemical and Biological Sciences* (Adity Sarbajna, Hari Shankar Biswas, Sandeep Poddar, Amiya Bhaumik, Chris Tisdell & Matthias Hank Haeusler editors). Lincoln Research and Publications Limited. Pp. 92 – 98.

Breuning S. 1943. Studies on Lamiines (Coleoptera: Cerambycidae). Twelfth tribe: Agniini Thomson

- son. *Novitates Entomologicae, 3rd supplement* (89–106): 137 – 280.
- Breuning S. 1949. Entomological Results from the Swedish Expedition 1934 to Burma and British India. Coleoptera: Cerambycidae, Lamiinae. Recueillis par René Malaise. *Arkiv för Zoologi* 42(A)15: 1 – 21.
- Breuning S. 1961. Catalog of the Lamiines of the World Verlag des Museums G. Frey. *Tutzing bei München* (5): 287 – 382.
- Breuning S., Chûjô M. 1966. Coleoptera from Southeast Asia (IV). *Memoirs of the Faculty of Liberal Arts and Education Kagawa University* 2(135): 1 – 4.
- Breuning S., Itzinger K.L. 1943. Burmese cerambycids from the Museum of Milan. *Proceedings of the Italian Society of Natural Sciences and of the Civic Museum of Natural History in Milan* 82: 36 – 54.
- Brongniart C.J. 1891. Collection d'Insectes formé edans l'Indo-Chine par M. Pavie Consul de France au Cambodge. Coléoptères – Longicornes. *Nouvelles Archives du Muséum d' Histoire Naturelle de Paris* 3(3): 237 – 254.
- Castelnau F. 1840. Histoire Naturelle des Insectes Coléoptères. P. Duménil, Paris. 563 pp.
- de Jong C. 1942. Notes on Cerambycidae, I–XIV. *Zoologische Mededeelingen* 24(1–2): 18 – 48.
- Donovan E. 1842. Natural History of the Insects of China containing upwards of two hundred and twenty figures and descriptions. New edition with additional observations & c. by J. O. Westwood. H. G. Bohn, London. i-vii + Pp. 1 – 96.
- Fabricius J.C. 1781. Species insectorum exhibentium differentias specificas, synonyma auctorum, locanatalia, metamorphosi nadiectis observationibus, descriptionibus. *Hamburgiet Kilonii: Carol Ernest Bohnii* 1: iii-viii + 552 pp.
- Fabricius J.C. 1787. Mantissa insectorum sistens species nuper detectas adiectis characteribus genericis, differentiis specificis, emendationibus, observationibus. *Hafniae, Proft* 1, xx + 348 pp.
- Fabricius J.C. 1793. Entomologia systematica mendata et aucta. Secundum classes ordines, genera, species adiectis synonymis, locis, observationibus, descriptionibus. *Hafniae, C. G. Proft* 1(2), xx + 1 – 538.
- Fabricius J.C. 1801. Systemae leutheratorum secundum ordines, genera, species: adiectis synonymis, locis, observationibus, descriptionibus. *Bibliopoli Academici Novi, Kiliae* 2: 1 – 687.
- Fairmaire L.M.H. 1887. Beetles of the interior of China [3rd chapter] *Annals of the Entomological Society of Belgium* 31: 87 – 136.
- Gahan C.J. 1894. Viaggio di Leonardo Fea in Birmania e Regionivicine. LVI. A list of the Longicorn Coleoptera collected by Signor Fea in Burma and the adjoining regions, with descriptions of the new Genera and species. *Annali del Museo Civico di Storia Naturale, Genova (Serie 2)* 14: 5 – 104.
- Gahan Ch.J. 1888. XXXIII. On Longicorn Coleoptera of the Family Lamiidae. *The Annals and Magazine of Natural History* 6(1)4: 270 – 281.
- Gemming M., von Harold E. 1873. Catalogus coleopterorum hucus quedescriptorum synonymicus et systematicus. *Munich* 10: 2989 – 3232.
- Gmelin J.F. 1790. Caroli a Linné Systema Naturæ per Regna tria Naturæ, secundum Classes, Ordines, Genera, Species, cum characteribus, differentiis, synonymis, locis. Classis V. Insecta. *Editio 13. Lipsiae, Georg Emanuel Beer* 1(4): 1517 – 2224.
- Gressitt J.L. 1951. Longicorn beetles of China. *Longicornia*. 667 pp.

- Hawkeswood T., Sommung B. 2016. *Butea monosperma* (Lam.) Taub. (Fabaceae), the first recorded larval host plant for *Aristobia freneyi* Schmitt, 1992 (Coleoptera: Cerambycidae: Monochamini) from Thailand. *Calodema* 410: 1 – 3.
- Hawkeswood T.J., Sommung B. 2017. *Calodema*, 563, 1 – 3, 3 figs.
- Hayashi M. 1964. Some Longicorn Beetles from Cambodia (Col., Cerambycidae). *The Entomological Review of Japan* 17(2): 58 – 61.
- Heyne A., Taschenberg E.O. 1908. Die exotischen Käfer in Wort und Bild. *Leipzig, Schreiber* 1908 25/26, i-vii + 1 – 262 + I – L, 39 pls.
- Hope F.W. 1831. Synopsis of the new species of Nepal Insects in the collection of Major General Hardwicke Gray's. *Zoologica Miscellanea* 1: 21 – 32.
- Hua L.Z. 2002. List of Chinese Insects. *Zhongshan (Sun Yat-sen) University Press, Guangzhou. List of Chinese Insects* 2: 1 – 612.
- Hugel C.A.A. 1848. List and description of the von Freih. Carl v. Huegel on his journey through Kashmir and the Himalayan Mountains collected insects Kashmir and the Empire of the Siek. *Stuttgart* 4(2): 865 pp.
- Jiroux E., Garreau P., Bentanachs C. J., Prévost P. 2014. Première contribution à l'étude des Monochamini d'Asie du Sud-Est (Coleoptera, Cerambycidae, Lamiinae). *Les Cahiers Magellanes (NS)* 14: 67 – 118.
- Kumawat M.M., Mamocha Singh K., Ramamurthy V.V. 2015. A checklist of the Long-horned Beetles (Coleoptera: Cerambycidae) of Arunachal Pradesh, northeastern India with several new reports. *Journal of Threatened Taxa* 7(12): 7879 – 7901.
- Kumawat M.M., Mamocha Singh K., Wangchu L. 2017. First Report of an Invasive Longhorn Beetle, *Aristobia reticulator* (Voet) (Coleoptera: Cerambycidae) in Litchi, *Litichichinensis* Sonn. (Sapindaceae), in India. *The Coleopterists' Bulletin* 71(1): 131 – 136.
- Lacordaire J.T. 1869. Natural History of Insects. Genera of Coleoptera or methodical and critical exposition of all the genera proposed so far in this order of insects. Family of long-horned beetles (continuation). *Roret Encyclopedic Bookstore, Paris* 9 (1). 409 pp.
- Lacordaire J.T. 1876. Natural History of Insects. Genera des Coléoptères or methodical and critical exposition of all the genera proposed so far in this Order of Insects. *Roret Encyclopedic Bookstore, Paris. Atlas* 10: 29 – 47.
- Lazarev M.A., Murzin S.V. 2019. Catalogue of Nepal Longhorn beetles (Coleoptera, Cerambycidae). *Humanity space – International Almanac* 8(6): 746 – 868.
- Löbl I., Smetana A. 2010. Catalogue of Palaearctic Coleoptera. Volume 6 Chrysomeloidea. I. *Löbl & Smetana editors, Apollo books, Stenstrup* 6: 1 – 924.
- Mitra B., Das P., Chakraborti U., Mallick K., Majumde A. 2016a. Longhorn beetles (Cerambycidae: Coleoptera) of Meghalaya with eight new records. *The Journal of Zoology Studies* 3(4): 39 – 47.
- Mitra B., Das P., Chakraborti U., Mallick K., Chakraborti K. 2016b. Long horn beetles (Cerambycidae: Coleoptera) of Nagaland, India. *Journal of Global Biosciences* 5(4): 3963 – 3969.
- Mitra B., Das P., Mallick K., Chakraborti U., Majumder A. 2016c. New records of longhorn beetles (Cerambycidae: Coleoptera) from Manipur State India with Checklist. *The Journal of Zoology Studies* 3(1): 19 – 26.
- Mitra B., Chakraborti U., Mallick K., Bhaumik S., Das P. 2017. An updated list of cerambycid beetles (Coleoptera: Cerambycidae) of Assam, India. *Records of the Zoological Survey of India* 117(1): 78 – 90.

- Mukhopadhyay P., Biswas S. 2000. Coleoptera: Cerambycidae. Zoological Survey of India, *State Fauna Series 4. Fauna of Meghalaya* 5: 41 – 67.
- Mukhopadhyay P., Halder S. K. 2004. Fauna of Manipur (part-2) Insects. Insecta: Coleoptera: Cerambycidae. *State Fauna Series 10*: 421 – 431.
- Nonfried A.F. 1892. Verzeichniss der um Nienghali in Südchina gesammelten Lucanoiden, Scarabaeiden, Buprestiden und Cerambyciden, nebst Beschreibung neuer Arten. *Entomologisches Nachrichtenblatt, Troppau* 18: 81 – 95.
- Olivier G.A. 1795–1800. Entomologie ou Histoire Naturelle des Insectes, avec leurs caractères génériques et spécifiques, leur description, leur synonymie et leur figure enluminée. Coléoptères. *Imprimerie de Lanneau, Paris* 4: 1 – 519, 75 pls. Pp. 1 – 124(1795), Pp. 125 – 492(1800).
- Olivier G.A. 1797. Encyclopédie Méthodique, ou par ordre des matières; par une société de gens de lettres, de savans et d'artistes; précédée d'un vocabulaire universel, servant de table pour tout l'ouvrage, ornée des portraits de Mm. Diderot et d'Alembert, premiers éditeurs de l'Encyclopédie. *Histoire Naturelle. Insectes. Histoire Naturelle, Insectes. Paris, Plomteux, Liège, PanckockeLibr.* 7(2): 369 – 827.
- Pascoe F.P. 1866. Catalogue of Longicorn Coleoptera, collected in the Island of Penang by James Lamb, Esq. (Part I.). *The Proceedings of the Scientific Meetings of the Zoological Society of London* 44(1866): 222 – 267.
- Pascoe F.P. 1868. Contributions to a Knowledge of the Coleoptera. Part I. With brief diagnoses of some of the most interesting of the new genera and species. *The Proceedings of the Entomological Society of London for the year 1868*: xi – xiii.
- Pascoe F.P. 1869. XXIV. Descriptions of some new Species of Lamiidæ. *The Annals and Magazine of Natural History* 4(4)21: 203 – 211.
- Pascoe F.P. 1875. Notes on Coleoptera, with Descriptions of new Genera and Species. Part III. *The Annals and Magazine of Natural History* 15(4)85: 59 – 73.
- Pic M. 1935. Schwedische-chinesische wissenschaftliche expedition nach den nordwestlichen Provinzen Chinas, unter Leitung von Dr. Sven Hedin und Prof. Sü Ping-chang. Insekten, 1 gesammelt vom schwedischen Arzt der Expedition Dr. David Hummel 1927–1930. 16. Coleoptera. *Arkivför Zoologi* 27A(2): 1 – 14.
- Pu F. 1992. Insects of the Hengduan Mountains Region, Volume 1. The Comprehensive Scientific Expedition to the Qinghai-Xizang Plateau. Coleoptera: Disteniidae and Cerambycidae. *Beijing, Science Press*, 5: xii + 865 pp.
- Ritsema C. 1881. Synonymical remarks about certain Coleoptera and Heterocerous Lepidopteron. *Notes from the Leyden Museum* 3(2): 82 – 84.
- Rondon J.A., Breuning S. 1970. Lamiines du Laos. *Pacific Insects Monograph* 24: 315 – 571.
- Roguet J.Ph. 2004–2021. Lamiaires du Monde. [www.lamidae.org](http://www.lamidae.org) [Accessed in 01.11.2022].
- Saha S., Özdikmen H., Biswas M.K., Raychaudhuri D. 2013. Exploring flat faced longhorn beetles (Cerambycidae: Lamiinae) from the Reserve Forests of Dooars, West Bengal, India. *Psyche* 737193: 1 – 8. <https://doi.org/10.1155/2013/737193>
- Saunders W.W 1853. Descriptions of some longicorn beetles discovered in northern china by Rob. Fortune, Esq. *The Transactions of the Entomological Society of London* (2)2: 109 – 113.

- Schmitt O. 1992. A new species of *Aristobia* (Cerambycidae, Lamiinae, Agniini). *Bulletin de la Société Sciences Nat., Venette* 75 & 76: 28.
- Schwarzer B. 1926. Fauna sumatrensis, (Beitrag Nr. 12). Cerambycidae (Col.). *Entomologische Mitteilungen* 15(1): 14 – 18.
- Schwarzer B. 1927. Fauna sumatrensis. (Beitrag Nr. 32). Cerambycidae (Col.). *Supplementa Entomologica* 15: 58 – 62.
- Subharani S., Debaraj Y., Bidyapati L., Sinha A.K. 2018. New record of *Aristobia approximata* Thomson (Coleoptera: Cerambycidae) as a pest of *Quercus serrata* in Manipur, India. *Munis Entomology & Zoology* 13(1): 344 – 345.
- Tavakilian G., Chavillotte H. 2022. Base de données Titan sur les Cerambycides ou Longicornes. <http://titan.gbif.fr> [Accessed in 01.11.2022].
- Thomson J. 1865. Diagnoses d'espèces nouvelles qui seront décrites dans l'appendix du systema cerambycidarum. *Mémoires de la Société Royale des Sciences de Liège* 19: 541 – 578.
- Thomson J. 1868. Matériaux pour servir à une révision des lamites (Cerambycides, Col.). *Physis Recueil d'Histoire Naturelle, Paris* 2(6): 146 – 200.
- Thomson J. 1878. Typi cerambycidarum musei Thomsoniani. *E. Deyrolle. Paris* 1 – 21.
- Thomson J. 1878a. Typi cerambycidarum (3e mémoire). *Revue et Magasin de Zoologie, Paris* (3), 6(41): 45 – 68.
- Van Tol J. 2008. *Aristobia approximata* (Thomson, 1865). *Tijdschrift voor Entomologie, Amsterdam*, 151(1), une + seconde de couverture, 1 fig.
- Voet J.E. 1781. *Catalogus Systematicus Coleopterorum*. 50 pls. La première édition date de 1766, mais l'ouvrage n'est pas reconnu par le Code de Nomenclature. *La Haye, Bakhuyzen* 2: 1 – 254.
- Voet J.E. 1806. *Catalogus Systematicus Coleopterorum*. Tomus II. *La Haye, Bakhuyzen* 2: 1 – 254, 50 pls.
- Weigel A. 2006. Checklist and bibliography of longhorn beetles from Nepal (Insecta: Coleoptera: Cerambycidae). In: Matthias Hartmann & J. Weipert (Editors). *Biodiversität und Naturlausstattung im Himalaya II*. Verein der Freunde und Förderer des Naturkundemuseums Erfurt e. V.: 495 – 510.
- Weigel A. 2012. Beitrag zur Bockkäferfauna von Arunachal Pradesh (Indien) mit Beschreibung einer neuen Art aus der Gattung *Acalolepta* Pascoe, 1858 (Insecta: Coleoptera: Cerambycidae). In: Matthias Hartmann & J. Weipert (Editors). *Biodiversität und Naturlausstattung im Himalaya IV*. Verein der Freunde und Förderer des Naturkundemuseums Erfurt e. V., 405–411, 2 figs, pls XXV – XXXIII.
- Zimsen E. 1964. The type material of I. C. Fabricius. *Munksgaard, Copenhagen*. 656 pp.

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