

A COMPREHENSIVE CHECKLIST OF STAG BEETLES (COLEOPTERA: LUCANIDAE) FROM INDIA

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ABSTRACT

Superfamily Scarabaeoidea is a diverse, cosmopolitan group of beetles and is represented by 41,578 species from the World. Lucanidae is the most primitive family of superfamily Scarabaeoidea and are commonly known as stag beetles because of their large and conspicuous mandibles. The lucanids are represented by 1811 species from the world of which maximum diversity is documented from Southeast Asia. Many countries such as Vietnam, Thailand, Myanmar and Laos are well documented, however, there is a dearth of checklist on Lucanids from India. To understand the biodiversity of a region, proper cataloguing of its flora and fauna is required. Therefore, an effort has been made to provide an updated checklist of family Lucanidae from India.

Keywords: Checklist; India; Lucanidae; Scarabaeoidea; stag beetles

ABSTRAK

Superfamili Scarabaeoidea merupakan kumpulan kumbang yang pelbagai dan kosmopolitan, dengan sebanyak 41,578 spesies direkodkan di seluruh dunia. Lucanidae ialah famili paling primitif dalam superfamili Scarabaeoidea dan lazimnya dikenali sebagai kumbang rusa kerana mandibel yang besar dan menonjol. Kumpulan lucanid diwakili oleh 1,811 spesies di seluruh dunia, dengan kepelbagaian tertinggi direkodkan di Asia Tenggara. Banyak negara seperti Vietnam, Thailand, Myanmar dan Laos telah didokumentasikan dengan baik, namun terdapat kekurangan senarai semak bagi kumpulan lucanid di India. Untuk memahami kepelbagaian biologi sesuatu kawasan, pengkatalogan flora dan fauna yang sistematik adalah diperlukan. Oleh itu, satu usaha telah dilakukan untuk menyediakan senarai semak terkini bagi famili Lucanidae di India.

Kata kunci: Senarai semak; India; Lucanidae; Scarabaeoidea; kumbang rusa

INTRODUCTION

The superfamily Scarabaeoidea is a diverse, cosmopolitan group of beetles, comprising of 13 families, 44 subfamilies, 159 tribes, 2955 genera, 41,578 species

(<https://www.catalogueoflife.org/>). The members of this group occupy a wide range of trophic guilds, including coprophagous, fungivorous, saprophagous, herbivorous and carnivores, thereby playing an important role in nutrient recycling and soil processes. Within this superfamily, the family Lucanidae (stag beetles) represents one of the most primitive lineages within Scarabaeoidea.

Lucanids are characterised by pronounced sexual dimorphism, particularly in males, which exhibit remarkable morphological diversity in their mandibular shape and size. Enlarged mandibles are used in resource defense, territorial displays, and mating competition (Chen et al. 2020; Kim & Farrell 2015). Based on mandible allometry and body size, males are often classified into distinct morphs (Kim & Farrell 2015; Maquart et al. 2023). Most stag beetle species are saproxylic, their larvae feed on deadwood and consume material rich in fungal biomass (Huang 2018). Female lucanids typically lay their eggs in the soil, at the soil-wood interface under logs, or directly in decaying wood.

Globally, family Lucanidae is represented by 1811 species (<https://www.catalogueoflife.org/>) with Southeast Asia being the most species-rich region. Countries such as Vietnam, Thailand, Myanmar and Laos are well documented (Ek-Amnuay 2008; Choeyjanta et al. 2018; Dang & Tran 2003; Fujita 2009; Maquart et al. 2023; Musthafa et al. 2019; Pinratana & Maes 2003; Schenck 2014) and provide detailed species accounts, identification keys, and distributional data, forming a robust taxonomic foundation for the Indo-Malayan region.

In contrast, the Indian lucanid fauna has not been comprehensively synthesized since the treatment of Arrow (1950), which remains the only consolidated account covering the subcontinent. Earlier contributions, including regional museum catalogues and faunal reports, documented several genera and species; however, no updated national checklist integrating post-1950 records and subsequent taxonomic revisions has been produced. During the past several decades, lucanid systematics has undergone substantial re-evaluation, including redefinition of genera, synonymizing of species, reassessment of subfamilial and tribal limits, and incorporation of phylogenetic frameworks (Beutel et al. 2024; Bouchard et al. 2017; Huang & Chen 2013; Huang & Chen 2017; Maes 1990; Schenk 2023; Okuda & Maeda 2014). Many genera recorded from India, including *Prosopocoilus* Hope, *Neolucanus* Thomson, *Odontolabis* Hope and *Aegus* MacLeay, have been subject to taxonomic revision, potentially affecting species composition and nomenclature within the country (Holloway 2007; Krajcik 2001; Kim & Farrell 2015).

India occupies a transitional position between the Palearctic and Oriental biogeographic regions and encompasses multiple faunal provinces characterized by distinct geological and climatic histories (Mani 1974). Lucanidae, being forest-dependent and saproxylic, are concentrated in regions retaining mature forest cover, particularly the Eastern Himalaya, Northeast India, and the Western Ghats. The northeastern region exhibits strong Indo-Malayan affinities, whereas the Western Himalaya reflects partial Palearctic influence. The Western Ghats, a recognized biodiversity hotspot, may harbour regionally differentiated lucanid assemblages, although the fauna remains insufficiently documented. Geological events, including the northward drift of the Indian plate and Himalayan uplift, likely contributed to diversification and present-day distribution patterns.

Despite their ecological importance, insects receive limited statutory protection under the Wildlife (Protection) Act, 1972, and no species of Lucanidae are currently listed under its

Schedules (Anonymous 1972; Gupta & Mondal 2005). At the global scale, some lucanid species have been assessed by the International Union for Conservation of Nature (IUCN 2023; 27-2-2026), and certain taxa are regulated under the Convention on International Trade in Endangered Species of Wild Fauna and Flora. However, most Indian lucanids remain unassessed or data deficient. Given their dependence on decaying wood and forest ecosystems, stag beetles may be vulnerable to habitat degradation, deforestation and localized collection pressure. The absence of a modern taxonomic synthesis further constrains accurate conservation assessment.

The lack of an updated national checklist integrating post-1950 records and modern classification has resulted in inconsistencies in nomenclature and uncertainty regarding species distributions within India. The present study addresses this gap by compiling a revised and critically evaluated checklist of Indian Lucanidae, standardizing nomenclature under the current global framework, and providing a baseline for future systematic, biogeographic, ecological and conservation research.

MATERIALS AND METHODS

The present checklist of the family Lucanidae from India was compiled based on an extensive review of published literature and online databases. Relevant taxonomic papers, catalogues, monographs, and regional faunal works were consulted to verify species occurrence and nomenclatural validity. Specimen records were cross-checked using global taxonomic repositories such as the Catalogue of Life (2024), Global Biodiversity Information Facility (GBIF), and the Integrated Taxonomic Information System (ITIS). Additional verification of species distribution and synonymy was performed using specialized lucanid literature (e.g. Fujita 2010; Maquart et al. 2023; Schenk 2014).

All species reported from India were arranged under their respective subfamilies, tribes, and genera following the current classification system of Lucanidae. The valid names, synonyms and known distributional records within India were documented. Geographical distribution within India was compiled from published records and databases. The updated checklist thus represents a consolidated account of all reliably recorded lucanid species from the Indian subcontinent, incorporating recent taxonomic updates and regional faunal additions.

RESULTS AND DISCUSSION

Arrow, 1950 divided family Lucanidae into four subfamilies namely Lucaninae, Figulinae, Aesalinae and Penichrolucaninae in his comprehensive work on the Oriental region encompassing India, Pakistan, Sri Lanka, Burma and Malaysia. He reported 119 species from subfamily Lucaninae (96 from India); 16 species from subfamily Figulinae (10 from India); 2 species from subfamily Aesalinae (1 from India) and one species from subfamily Penichrolucaninae (from India as well). Subsequent contributions made by Benesh (1960), Mizunuma & Nagai (1994), Nagai (2000), Araya (2001), Krajcik (2001, 2003), Schenk (2006, 2008, 2009, 2013, 2014, 2016), Schenk & Fiedler (2011), Fujita (2010), Huang & Chen (2010, 2013, 2017), Okuda & Maeda (2014) provided further insights into the taxonomy of the family and led to significant reorganization of various lucanid taxa. At present, Lucanidae is represented by five subfamilies namely Aesalinae, Syndesinae, Lucaninae, Ceruchitinae and Lampriminae from the World and three from India. Subfamily Aesalinae is represented by tribe Aesalini, subfamily Syndesinae by tribe Ceruchini and subfamily Lucaninae is represented by 7 tribes: Aegini, Cyclommatini, Dorcini, Figulini, Lucanini, Odontolabini and tribe

Penichrolucanini from India. The present study follows this updated classification to organize and present the checklist of stag beetles from the Indian region.

Aesalinae Macleay, 1819

1819. Aesalinae Macleay, S.Bagster, London, 1(1) 160pp.

Tribe: Aesalini MacLeay, 1819

1819. Aesalini MacLeay, S.Bagster, London, 1(1),160pp.

1855. Aesalides Lacordaire, *Tome troisième contenant les familles des pectinicornes et lamellicornes*. 3 Paris: Roret :1-594

Genus: *Himaloaesalus* Huang & Chen, 2013

2013. *Himaloaesalus* Huang & Chen, *Stag beetles of China II*. Formosa Ecological Company, New Taipei City, Taiwan, 1-716pp.

***Himaloaesalus himalayicus* (Kurosawa 1985)**

1985. *Aesalus himalayicus* Kurosawa, *Bulletin of the National Science Museum Tokyo*, Series A 11(1):49-51.

1998. *Aesalus saburoi* Araya, Tanaka & Bartolozzi, *European Journal of Entomology*, 95(3):407-416.

2013. *Himaloaesalus himalayicus* (Kurosawa), *Stag beetles of China II*. Formosa Ecological Company, New Taipei City, Taiwan, 716pp.

Distribution: India (Sikkim, West Bengal), China (Xizang), Nepal.

Subfamily: Syndesinae Macleay, 1819

1819. Syndesinae Macleay, S. Bagster, London, Vol.1, Part 1,160pp.

Tribe: Ceruchini LeConte, 1861

1861. Ceruchini LeConte, *Smithsonian Miscellaneous Collections*, Washington 3:1-286

Genus: *Ceruchus* Macleay, 1819

1819. *Ceruchus* Macleay, S.Bagster, London Vol.1 Part 1,160pp.

***Ceruchus atavus* Fairmaire, 1891**

1891. *Ceruchus atavus* Fairmaire, *Annales De La Société Entomologique De Belgique*. Xxxv, 88pp.

Distribution: India (Jammu & Kashmir)

Subfamily: Lucaninae Latreille, 1804

1804. Lucaninae Latreille, *Histoire naturelle, générale et particulière des crustacés et des insects*, Paris 10:1-445.

Tribe: Aegini Huang & Chen, 2013

1992. Aegini Maes, *Revista Nicaragüense De Entomología*, 22B:61-121.

2013. Aegini Huang & Chen, *Stag Beetles of China II*, Formosa Ecological Company, New Taipei City, Taiwan, 716pp.

Genus: *Aegus* Macleay, 1819

1819. *Aegus* Macleay, S.Bagster, London, Vol.1 Part 1,160pp.

1888. *Paraegus* Gahan, *Proceedings of the Zoological Society of London*, 37:538-541.

1900. *Aegus (Pseudaegus) Helle*, *Abhandlungen Der Berichte Des Königlichen Zoologischen Und Anthropologische-Ethnographischen Museums Zu Dresden*, 9(5):1-46.
1913. *Eubussea Zacher*, *Arbeiten Aus Der Kaiserlichen Biologischen Anstalt Für Land- Und Forstwirtschaft*, 9(1):73-120.
1935. *Aegus (Odontaegus) Kriesche*, *Koleopterologische Rundschau*, 21:169-174.
1992. *Aegus (Micraegus) Maes*, *Revista Nicaragüense De Entomología*, 22B:61-121.

***Aegus excavates* Lacroix, 1982**

1982. *Aegus excavates* Lacroix, *Miscellanea Entomologica*, 49:13-30.
Distribution: India (Assam)

***Aegus interruptus* MacLeay, 1819**

1819. *Aegus interruptus* MacLeay, S.Bagster, London, Vol.1 Part 1,160pp.
Distribution: India

***Aegus parallelus* (Hope 1845)**

1844. *Aegus aequalis* Westwood, *Proceedings of the Entomological Society of London*, 101-102.
1845. *Lucanus parallelus* Hope & Westwood, *Catalogue of Lucanidae, Coleoptera*, p. 22.
1994. *Aegus storki* Nagai, *Mushi-Sha*, Tokyo 1:1-338.
1994. *Aegus exilis* Nagai, *Mushi-Sha*, Tokyo 1:1-338.
Distributions: India (Assam), Indonesia (Sumatra, Java, Nais), Malaysia, Malaysia (Malacca), Myanmar, Thailand.

***Aegus linealis* Didier, 1928**

1928. *Aegus linealis* Didier, *Librairie Speciale Agricole*, Paris Fascicule, 2:54-64.
Distribution: India (Assam, Sikkim), Bhutan, China (Xizang), Myanmar, Thailand

***Aegus labilis* Westwood, 1864**

1864. *Aegus labilis* Westwood, *Transactions of the Royal Entomological Society of London*, 12(1):1-113.
Distribution: India (Sikkim), Bhutan, China (Xizang, Yunnan), Myanmar

***Aegus laevicollis* Saunders, 1854**

1854. *Aegus punctiger* Saunders, *Transactions of the Royal Entomological Society of London*, 8(2):45-55.
1931. *Aegus pichoni* Didier, *Librairie Speciale Agricole*, Paris Fascicule, 9:210-211.
Distribution: India (Andaman, Assam), China (Anhui, Fujian, Guizhou, Henan, Hubei, Hunan, Jiangsu, Sichuan, Zhejiang), Myanmar, Taiwan, Thailand

Tribe: Cyclommatini Huang & Chen, 2013

2013. Cyclommatini Huang & Chen, *Stag beetles of China II*, Formosa Ecological Company, New Taipei City, Taiwan, 716pp

Genus: *Cyclommatinus* Didier, 1927

1927. *Cyclommatinus* Didier, *Bulletin De La Société Entomologique De France*, 32(6):101-103.

***Cyclommatinus albersii* (Kraatz 1894)**

1894. *Cyclommatinus albersii* Kraatz, *Deutsche Entomologische Zeitschrift*, Berlin (2):268-269.

1994. *Cyclommatinus pahangensis chiangmaiensis* Mizunuma, *Mushi-Sha*, Tokyo 1:1-338.

Distribution: India (Assam, Sikkim), China (Yunnan), Laos, Myanmar, Thailand, Vietnam

***Cyclommatinus assamensis* Séguy, 1955**

1955. *Cyclommatinus assamensis assamensis* Séguy, *Revue Francaise d'Entomologie*, 22(1):32-42.

Distribution: India (Assam), Myanmar, China Yunnan, Xizang),

***Cyclommatinus multidentatus* (Westwood 1848)**

1848. *Lucanus multidentatus* Westwood, William Smith, London, 88pp.

Distributions: India (Arunachal Pradesh), Myanmar, Thailand, Bhutan,

***Cyclommatinus strigiceps* (Westwood 1848)**

1848. *Lucanus strigiceps* (Westwood), *Bulletin De La Société Entomologique De France*, 32(6):101-103.

Distributions: India (Assam), Bhutan, China (Chongqing, Guizhou, Xizang)

Tribe: Dorcini (Parry 1864)

1864. Dorcini (Parry), *Transactions of the Royal Entomological Society of London*, 12(1):1-113.

1870. Cladognathidae Parry, *Transactions of the Royal Entomological Society of London*, 18(1):53-118.

1931. Rhaetulinae Miwa, *Transactions of the Natural History Society of Formosa*, 21(117):315-325.

1960. Prosopocoilini Benesh, *Lucanidae. Coleopterorum Catalogus, Supplementa* (Second Edition), 8:1-178.

Genus: *Aulacostethus* Waterhouse, 1869

1869. *Aulacostethus* Waterhouse, *Transactions of the Royal Entomological Society of London*, 17(1):13-20.

1955. *Aegomorphus* Houlbert, *Transactions of the American Entomological Society*, 81:59-76.

***Aulacostethus archeri* Waterhouse, 1869**

1869. *Aulacostethus archeri* Waterhouse, *Transactions of the Royal Entomological Society of London*, 17(1):13-20.

1868. *Cladognathus batesi* Gemminger & Harold, Gummi E.H., Monachia, 3:753-978.

Distributions: India (Sikkim), China (Xizang), Nepal

Genus: *Digonophorus* Waterhouse, 1895

1895. *Digonophorus* Waterhouse, *The Annals and Magazine of Natural History, Including Zoology, Botany and Geology*, 6 (16):157-160.

Digonophorus apatani* Okuda & Maeda, 2015**Digonophorus apatani* aka Okuda & Maeda, 2020**

2020. *Digonophorus apatani* aka Okuda & Maeda, *Gekkan-Mushi*, 588:22-27.

Distributions: India (Arunachal Pradesh)

***Digonophorus apatani apatani* Okuda & Maeda, 2015**

2015. *Digonophorus apatani apatani* Okuda & Maeda, *Gekkan-Mushi*, 528:29-34.
Distributions: India (Arunachal Pradesh)

***Digonophorus dungkharpai* Okuda & Maeda, 2015**

2015. *Digonophorus dungkharpai* Okuda & Maeda, *Gekkan-Mushi*, 532:35-39.
Distributions: India (Arunachal Pradesh)

***Digonophorus elegans elegans* (Parry 1862)**

1862. *Digonophorus elegans elegans* (Parry), *Proceedings of the Entomological Society of London*, 3:107-113

1864. *Cladognathus rudis* Westwood, *Transactions of the Royal Entomological Society of London*, 12(1):1-113.

1895. *Digonophorus atkinsoni* Waterhouse, *The Annals and Magazine of Natural History, Including Zoology, Botany and Geology*, 6 (16):157-160.

1915. *Prosopocoelus sulcatipennis* Houlbert, *Insecta, Revue Illustrée d'Entomologie*, 5:48-54.
Distribution: India (Sikkim, West Bengal), Bhutan, China (Xizang), Nepal

***Digonophorus elegans tani* Okuda & Maeda, 2020**

2020. *Digonophorus elegans tani* Okuda & Maeda, *Gekkan-Mushi*, 588:22-27.
Distribution: India (Arunachal Pradesh)

***Digonophorus imrani* Okuda & Maeda, 2015**

2015. *Digonophorus imrani* Okuda & Maeda, *Gekkan-Mushi*, 532:35-39.
Distribution: India (Arunachal Pradesh)

***Digonophorus motuoensis* (Huang & Chen 2013)**

***Digonophorus motuoensis wuchiaie* Okuda & Maeda, 2020**

2020. *Digonophorus motuoensis wuchiaie* Okuda & Maeda, *Gekkan-Mushi*, 588:22-27.
Distribution: India (Arunachal Pradesh)

***Digonophorus wemckenii* Schenk, 2008**

2008. *Digonophorus wemckenii* Schenk, *Entomologische Zeitschrift*, 118(4):175-178.
Distribution: India (Arunachal Pradesh), China (Xizang)

Genus: *Dorcus* Macleay, 1819

1819. *Dorcus* Macleay, S.Bagster, London Vol.1 Part 1, 160pp.

1862. *Hemisodorcus* Thomson, *Annales De La Société Entomologique De France*, (4)2:389-436.

1864. *Ditomoderus* Parry, *Transactions of the Royal Entomological Society of London*, 12(1):1-113.

1931. *Telodorcus* Didier, *Librairie Speciale Agricole*, Paris Fascicule 8:175-209.

1960. *Nipponodorcus* Nomura & Kurosawa, *Toho-Gakuho*, 10:39-79.

1990. *Hemisodorcus (Paradorcus)* Maes, *Revista Nicaragüense De Entomología*, 11:1-34.

***Dorcus antaeus antaeus* Hope, 1842**

1842. *Dorcus antaeus antaeus* Hope, *Proceedings of the Entomological Society of London* :83-84.

1902. *Rhaetus parryi* Boileau, *Mémoires De La Société Entomologique De Belgique*, 9:47-62.

1970. *Dorcus dispar* de Lisle, *Revue Suisse De Zoologie*, 77(1): 91-117.

Distributions: India (Arunachal Pradesh, Assam, Himachal Pradesh, Sikkim, West Bengal), Bhutan, Myanmar, Nepal, Pakistan

***Dorcus arrowi* (Boileau 1911)**

***Dorcus arrowi fukinukii* (Schenk 2000)**

2000. *Dorcus arrowi fukinukii* (Schenk), *Entomologische Zeitschrift*, 110(3):79-82.

2000. *Dorcus katctinensis* Nagai, *Notes on Eurasian Insects* Nr.3 Insects :73-108.

Distribution: India (Arunachal Pradesh), Myanmar

***Dorcus bengalensis* (Hope 1845)**

1845. *Dorcus bengalensis* (Hope), J.C.Bridgewater, South Molton Street, London (editor):1-31.

Distribution: India (Arunachal Pradesh), Bhutan

***Dorcus blanchardi* Hope, 1842**

1842. *Dorcus blanchardi* Hope, *Proceedings of the Entomological Society of London*, 83-84.

Distribution: India (Assam, Meghalaya)

***Dorcus castelnaudi* (Deyrolle 1864)**

1864. *Eurytrachelus castelnaudi* Deyrolle, *Annales De La Société Royale D'entomologie De Belgique*, 9:23-36.

Distribution: India (Arunachal Pradesh, West Bengal)

***Dorcus curvidens* (Hope 1840)**

***Dorcus curvidens curvidens* (Hope 1840)**

1841. *Lucanus curvidens* Hope, *Transactions of the Linnean Society of London*, 1(9):77-79.

1845. *Dorcus dehaani* Hope, *Transactions of the Linnean Society of London*, 1(14):127-128.

1862. *Dorcus klugii* Thomson, *Annales De La Société Entomologique De France*, (4) 2:389-436.

Distribution: India (Arunachal Pradesh, West Bengal), Laos, Myanmar, Nepal, Thailand, Vietnam, Bhutan, Cambodia, China (Guangxi, Hainan, Xizang, Yunnan)



Figure 3. *Dorcus curvidens curvidens* (Hope 1840)

***Dorcus derelictus* Parry, 1862**

1862. *Dorcus derelictus* Parry, *Proceedings of the Entomological Society of London*, 3:107-113.

Distribution: India (Sikkim), Bhutan, China (Xizang)

***Dorcus donckieri* (Boileau 1898)**

***Dorcus donckieri donckieri* (Boileau 1898)**

1898. *Dorcus donckieri donckieri* (Boileau), *Bulletin De La Société Entomologique De France*, 3(11):227-229.

Distribution: India (Assam, Manipur, Meghalaya, Mizoram, Nagaland, Tripura), China (Xizang, Yunnan), Nepal

***Dorcus donckieri hangpui* Fukinuki, 2000**

2000. *Dorcus donckieri hangpui* Fukinuki, *Gekkan-Mushi*, 349:18-19.

Distribution: India (Arunachal Pradesh, Assam, Sikkim), Myanmar

***Dorcus fuliginosus* (Didier 1928)**

1928. *Eurytrachelus fuliginosus* Didier, *Librairie Speciale Agricole*, Paris Fascicule 3:70-82.

Distribution: India (Jammu & Kashmir)

***Dorcus glabripennis* Westwood, 1871**

1871. *Dorcus glabripennis* Westwood, *Transactions of the Royal Entomological Society of London*, 19(3): 353-374.

Distribution: India (Arunachal Pradesh, Sikkim), Bhutan

***Dorcus grandis* Didier, 1926**

***Dorcus grandis moriyai* Nagai, 2005**

2005. *Dorcus grandis moriyai* Nagai, *Gekkan-Mushi*, 413:2-3.

Distribution: India (Manipur, Nagaland), China (Yunnan), Myanmar

***Dorcus hartmanni* Schenk, 2023**

2023. *Dorcus hartmanni* Schenk, *Beetles World*, 25:45-60.

Distribution: India (Uttarakhand), Nepal

***Dorcus hyperion hyperion* (Boileau 1899)**

1899. *Dorcus hyperion* Boileau, *Bulletin De La Société Entomologique De France*, 4(10):175-178.

Distribution: India (Arunachal Pradesh), China (Yunnan), Myanmar

***Dorcus kikunoae* Hosoguchi, 2004**

2004. *Dorcus kikunoae* Hosoguchi, *Gekkan-Mushi*, 402:30-31.

Distribution: India (Arunachal Pradesh, Sikkim), China (Xizang)

***Dorcus lhoba* Huang & Chen, 2013**

2013. *Dorcus lhoba* Huang & Chen, *Stag beetles of China II*, Formosa Ecological Company, New Taipei City, Taiwan, 716pp.

Distribution: India (Arunachal Pradesh), China (Xizang)

***Dorcus lineatopunctatus lineatopunctatus* (Hope 1831)**

1831. *Lucanus lineatopunctatus lineatopunctatus* Hope, *Zoological Miscellany*, 1: 21-32

Distribution: India (Himachal Pradesh, Jammu & Kashmir, Meghalaya, Uttar Pradesh, West Bengal), China (Xizang), Nepal

***Dorcus macleaya* (Hope 1845)**

1845. *Lucanus macleaya* Hope & Westwood, J.C.Bridgewater, South Molton Street, London (editor):1-31

Distribution: India (Arunachal Pradesh, Assam, Sikkim), China (Yunnan, Xizang), Myanmar

***Dorcus menba* Huang & Chen, 2013**

2013. *Dorcus menba* Huang & Chen, *Stag beetles of China II*, Formosa Ecological Company, New Taipei City, Taiwan, 716pp

Distribution: India (Arunachal Pradesh), China (Xizang)

***Dorcus monpa* Okuda & Maeda, 2014**

2014. *Dorcus monpa* Okuda & Maeda, *Gekkan-Mushi*, 522:13-18.

Distribution: India (Arunachal Pradesh)

***Dorcus nepalensis* (Hope 1831)**

1831. *Lucanus nepalensis* Hope, *Gray's Zoological Miscellany*, 1: 21-32.

1840. *Lucanus rafflesia* Hope, *Proceedings of the Linnean Society of London*, 1(9):77-79.

1843. *Lucanus parryi* Hope, *Proceedings of the Entomological Society of London*, :94-95.

Distribution: India (Arunachal Pradesh, Sikkim, West Bengal), China (Xizang), Nepal

***Dorcus pemakoi* Huang, Okuda, Maeda & Chen, 2017**

2017. *Dorcus pemakoi* Huang, Okuda, Maeda & Chen, *Stag beetles of China III*. Formosa Ecological Company, New Taipei City, Taiwan, 524pp.
Distribution: India (Arunachal Pradesh), China (Xizang)

***Dorcus ratiocinativus* Westwood, 1871**

1871. *Dorcus ratiocinativus* Westwood, *Transactions of the Royal Entomological Society of London*, 19(3):353-374.
Distribution: India (Sikkim, West Bengal), Bhutan, China (Xizang), Nepal

***Dorcus reichei reichei* Hope, 1842**

1842. *Lucanus cognatus* Hope, *Proceedings of the Entomological Society of London* :83-84.
1862. *Dorcus exaratus* Thomson, *Annales De La Société Entomologique De France*, (4)2: 389-436.
Distribution: India (Assam, Sikkim, West Bengal), Bhutan, China (Xizang, Yunnan), Myanmar, Nepal

***Dorcus reichei praezellens* Möllenkamp, 1902**

1902. *Dorcus reichei praezellens* Möllenkamp, *Insektenbörse*, 19(36):283.
Distribution: India (Arunachal Pradesh, Sikkim, West Bengal), Nepal, Bhutan, China (Xizang)

***Dorcus sewertzowi* Semenov, 1891**

1891. *Dorcus sewertzowi* Semenov, *Horae Societatis Entomologicae Rossicae*, 25:262-382.
1927. *Dorcus rugatus* Didier, *De La Société Entomologique De France*, 32(12):191-195.
Distribution: India (Jammu & Kashmir, Punjab), Afghanistan, Pakistan, Tajikistan, Uzbekistan

***Dorcus submolaris* (Hope 1845)**

1845. *Lucanus submolaris* (Hope), J.C.Bridgewater, South Molton Street, London (editor):1-31.
1904. *Dorcus (Eurytrachelus) brachycerus* Boileau, *Bulletin De La Société Entomologique De France*, 9(2):27-28.
2008. *Dorcus kucerai* Baba, *Gekkan-Mushi*, 453:42-44.
Distribution: India (Assam, Jammu & Kashmir, Uttar Pradesh), Pakistan

***Dorcus suturalis* Westwood, 1871**

***Dorcus suturalis suturalis* Westwood, 1871**

1871. *Dorcus suturalis suturalis* Westwood, *Transactions of the Royal Entomological Society of London*, 19(3):353-374.
1906. *Dorcus opacipennis* Zang, *Deutsche Entomologische Zeitschrift*, (1):184.
1938. *Dorcus rotundopunctatus* Nagel, *The Annals and Magazine of Natural History*, (Series 11)2:49-63
Distribution: India (Himachal Pradesh, Jammu & Kashmir, Punjab)

***Dorcus tityus* Hope, 1842**

1842. *Dorcus tityus* Hope, *Proceedings of the Entomological Society of London*, 83-84.
1845. *Lucanus (Platyprosopus) falco* Hope, J.C.Bridgewater, South Molton Street, London (editor):1-31.
1929. *Eurytrachelus tethys* Didier, *Librairie Speciale Agricole*, Paris Fascicule 5:101-123.
Distribution: India (Arunachal Pradesh, Assam, Sikkim, West Bengal), Bangladesh, Bhutan, China (Xizang, Yunnan), Myanmar

***Dorcus wardi* Arrow, 1943**

1943. *Dorcus wardi* Arrow, *Proceedings of the Royal Entomological Society of London*, (B) 12(9-10):133-143.

Distribution: India (Arunachal Pradesh), China (Xizang), Myanmar

Dorcus yaksha* Gravely, 1915**Dorcus yaksha yaksha* Gravely, 1915**

1915. *Dorcus yaksha yaksha* Gravely, *Records of the Indian Museum*, 11(6):407-431.

2010. *Dorcus tonkinensis* Fujita, *Mushi-Sha's*, Tokyo, 6:1-472.

Distribution: India (Sikkim), Bhutan, China (Sichuan, Xizang, Yunnan), Laos, Myanmar, Nepal, Thailand, Vietnam

Genus: *Fallicornis* Planet, 1894

1894. *Fallicornis* Planet, *Le Naturaliste*, 8:44-45.

1954. *Pogonodorcus* Séguy, *Revue Francaise d'Entomologie*, 21(3):184-194.

***Fallicornis bisignatus* (Parry 1862)**

1862. *Cladognathus bisignatus* Parry, *Proceedings of the Entomological Society of London* 3:107-113.

2013. *Fallicornis bisignatus* (Parry), *Stag beetles of China II*. Formosa Ecological Company, New Taipei City, Taiwan, 716pp.

Distribution: India (Arunachal Pradesh, Madhya Pradesh, Manipur, Sikkim), China (Xizang, Yunnan), Myanmar.

***Fallicornis dierli* (Endrödi, 1968)**

1968. *Dorcus dierli* Endrödi, *Khumbu Himal*, 3(1):49-54.

Distribution: India (Uttar Pradesh), Nepal

***Fallicornis fulvonotatus* (Parry, 1862)**

1971. *Hemisodorcus fulvonotatus bilineatus* Bomans, *Bulletin Et Annales De La Société Royale d'Entomologie De Belgique*, 107:76.

2013. *Fallicornis fulvonotatus* (Parry), *Stag beetles of China II*. Formosa Ecological Company, New Taipei City, Taiwan, 716pp.

Distribution: India (West Bengal), Bhutan, China (Xizang), Nepal

Fallicornis groulti* Planet, 1894**Fallicornis groulti groulti* Planet, 1894**

1894. *Dorcus barbarous* Jordan, *Novitates Zoologicae*, 1:484-503.

Distribution: India (Assam, Meghalaya, Nagaland), China (Xizang)

***Fallicornis heyangi* Huang & Chen, 2013**

2013. *Fallicornis heyangi* Huang & Chen, *Stag beetles of China II*. Formosa Ecological Company, New Taipei City, Taiwan, 716pp.

Distribution: India (Arunachal Pradesh), China (Xizang)

***Fallicornis himalayae* (Schenk 2009)**

2009. *Macrodorcas himalayae* Schenk, *Beetles World*, 4:2-16.

2013. *Fallicornis himalayae* (Schenk), *Stag beetles of China II*. Formosa Ecological Company, New Taipei City, Taiwan, 716pp.

Distribution: India (Arunachal Pradesh), China (Xizang)

***Falicornis humilis* (Arrow, 1935)**

1935. *Dorcus humilis* Arrow, *Transactions of the Royal Entomological Society of London*, 83(1):105-125.

2013. *Falicornis humilis* (Arrow), *Stag beetles of China II*. Formosa Ecological Company, New Taipei City, Taiwan, 716pp.

Distribution: India (Arunachal Pradesh, Sikkim), Bangladesh, Bhutan, China (Xizang)

***Falicornis nageli* (Arrow 1935)**

1935. *Dorcus nageli* Arrow, *Transactions of the Royal Entomological Society of London*, 83(1):105-125.

Distribution: India (Arunachal Pradesh, Assam, Sikkim), Bhutan

***Falicornis sircari* (Lacroix & Ratti 1975)**

1975. *Hemisodorcus sircari* Lacroix & Ratti, *Bollettino Della Società Entomologica Italiana*, 107:112-116.

2013. *Falicornis sircari* (Lacroix & Ratti), *Stag beetles of China II*. Formosa Ecological Company, New Taipei City, Taiwan, 716pp.

Distribution: India (Meghalaya)

***Falicornis vernicatus* (Arrow 1938)**

1938. *Dorcus vernicatus* Arrow, *The Annals and Magazine of Natural History*, (Series 11)2: 49-63.

2013. *Falicornis vernicatus* (Arrow), *Stag beetles of China II*. Formosa Ecological Company, New Taipei City, Taiwan, 716pp.

Distribution: India (Arunachal Pradesh, Meghalaya), Bhutan, China (Xizang, Yunnan), Myanmar, Thailand

Genus: *Hexarthrius* Hope, 1842

1842. *Hexarthrius* Hope, *Proceedings of the Linnean Society of London*, 1(14):127-128.

***Hexarthrius aduncus* Jordan, 1894**

***Hexarthrius aduncus aduncus* Jordan, 1894**

1894. *Hexarthrius aduncus aduncus* Jordan, *Novitates Zoologicae*, 1:484-503.

Distribution: India (Assam), China (Xizang)

***Hexarthrius bowringi* Parry, 1862**

***Hexarthrius bowringi baminorum* Okuda & Maeda, 2016**

2016. *Hexarthrius bowringi baminorum* Okuda & Maeda, *Gekkan-Mushi*, 544:19-26.

Distribution: India (Arunachal Pradesh)

***Hexarthrius bowringi bowringi* Parry, 1862**

1862. *Hexarthrius bowringi bowringi* Parry, *Proceedings of the Entomological Society of London*, 3:107-113.

Distribution: India (Assam, Sikkim), Myanmar

***Hexarthrius davisoni* Waterhouse, 1888**

1888. *Hexarthrius davisoni* Waterhouse, *The Annals and Magazine of Natural History, Including Zoology, Botany and Geology*, (6)1:260-264.

1891. *Hexarthrius cotesi* Nonfried, *Berliner Entomologische Zeitschrift*, 36:359-380.

1897. *Hexarthrius castetsi* Boileau, *Annales De La Société Entomologique De France*, 66:581-584.

Distribution: India (Tamil Nadu)

***Hexarthrius forsteri* (Hope 1840)**

***Hexarthrius forsteri forsteri* (Hope 1840)**

1840. *Lucanus serricollis* Hope, *Proceedings of the Linnean Society of London*, 1(9):77-79.

Distribution: India (Assam, Nagaland), Bhutan, Cambodia, China (Xizang)

***Hexarthrius forsteri nyishi* Okuda & Maeda, 2016**

2016. *Hexarthrius forsteri nyishi* Okuda & Maeda, *Gekkan-Mushi*, 544:19-26.

Distribution: India (Arunachal Pradesh)

***Hexarthrius mniszewski* (Thomson 1857)**

1857. *Lucanus (Hexarthrius) mniszewski* Thomson, *Archives Entomologiques*, 1:395-398.

Distribution: India (Assam, Meghalaya), Myanmar, Nepal, Bangladesh

***Hexarthrius parryi* Hope, 1842**

***Hexarthrius parryi parryi* Hope, 1842**

1842. *Hexarthrius parryi parryi* Hope, *Proceedings of the Linnean Society of London*, 1(14):127-128.

Distribution: India (Assam, Sikkim), Laos, Myanmar, Vietnam, Bangladesh, Cambodia

Genus: *Kirchnerius* Schenk, 2009

1915. *Pelecognathus* Houlbert, *Insecta, Revue Illustrée d'Entomologie*, Rennes, 5:48-54.

2009. *Kirchnerius* Schenk, *Beetles World*, 2:1-6

***Kirchnerius boreli* (Boileau 1904)**

1904. *Prosopocoelus boreli* Boileau, *Le Naturaliste* 26:284-285.

2013. *Kirchnerius boreli* (Boileau), *Stag beetles of China II*. Formosa Ecological Company, New Taipei City, Taiwan, 716pp.

Distribution: India (Assam), China (Xizang)

***Kirchnerius bulbosus bulbosus* (Hope 1840)**

1841. *Lucanus punctiger* Hope, *Proceedings of the Linnean Society of London*, 1(9):77-79.

Distribution: India (Assam), Myanmar

***Kirchnerius cilipes* (Thomson 1862)**

1862. *Cladognathus cilipes* Thomson, *Annales De La Société Entomologique De France*, (4)2:389-436.

2013. *Kirchnerius cilipes* (Thomson), *Stag beetles of China II*, Formosa Ecological Company, New Taipei City, Taiwan, 716pp.

Distribution: India (Assam, Meghalaya), Bangladesh, Laos, Vietnam

***Kirchnerius dentifer* (Deyrolle 1865)**

1865. *Kirchnerius dentifer* (Deyrolle), *Annales De La Société Royale D'entomologie De Belgique*, 9:23-36.

1931. *Prosopocoelus parallelus* Didier, *Librairie Speciale Agricole, Paris Fascicule*, 9:212-232.

Distribution: India (Maharashtra), Nepal

***Kirchnerius marginatus* (Lacroix & Ratti 1973)**

1973. *Prosopocoelus marginatus* Lacroix & Ratti, *Bollettino Della Società Entomologica Italiana*, 105(7-8):119-121.

2016. *Kirchnerius marginatus* (Lacroix & Ratti), *Stag beetles of China III*. Formosa Ecological Company, New Taipei City, Taiwan, 524pp.

Distribution: India (Meghalaya)

***Kirchnerius parryi* (Boileau 1913)**

1845. *Lucanus bulbosus* Hope, J.C.Bridgewater, South Molton Street, London (editor):1-31.

1928. *Prosopocoelus parryi latus* Didier, *Librairie Speciale Agricole, Paris Fascicule*, 4:96-101.

1943. *Dorcus polymorphus* Arrow, *Proceedings of the Royal Entomological Society of London*, (B) 12(9-10):133-143.

2013. *Kirchnerius parryi* (Boileau), *Stag beetles of China II*, Formosa Ecological Company, New Taipei City, Taiwan, 716pp.

Distribution: India (Assam, Sikkim), Nepal, Bhutan

***Kirchnerius passaloides* (Hope 1845)**

1845. *Kirchnerius passaloides* (Hope), *Beetles World*, 16:16-18.

1845. *Lucanus passaloides* Hope, J.C.Bridgewater, South Molton Street, London (editor):1-31.

Distribution: India (Andaman), Indonesia (Sumatra, Java, Kalimantan), Malaysia, Thailand

***Kirchnerius spencei spencei* (Hope 1840)**

1840. *Kirchnerius spencei spencei* (Hope), *Proceedings of the Linnean Society of London*, 1(9):77-79.

1862. *Prosopocoilus crenicollis* Thomson, *Annales De La Société Entomologique De France*, (4)2:389-436.

1904. *Prosopocoelus mordax* Boileau, *Le Naturaliste*, 26:284-285.

Distribution: India (Arunachal Pradesh, Assam, Sikkim), Myanmar, Nepal, Vietnam, China (Guangxi, Sichuan, Xizang, Yunnan)

Kirchnerius suzumurai* (Nagai 2000)**Kirchnerius suzumurai wemckenii* (Schenk 2017)**

2017. *Prosopocoilus wemckenii* Schenk, *Beetles World*, 15:17-19.

Distribution: India (Arunachal Pradesh), China (Xizang)

Genus: *Prosopocoilus* Hope, 1845

1845. *Prosopocoilus* Hope, J.C.Bridgewater, South Molton Street, London (editor):1-31.

1847. *Cladognathus* Burmeister, *Coleoptera Lamellicornia, Xylophila et Pectinicornia*. Enslin, Berlin, 5:1-584.

1896. *Hoplitocranum* Jakovlev, *Horae Societatis Entomologicae Rossicae*, 30:171-174.

1990. *Prosopocoilus (Pseudodontolabis)* Maes, *Revista Nicaragüense De Entomología*, 11:1-34

Prosopocoilus astacoides* (Hope 1840)**Prosopocoilus astacoides astacoides* (Hope 1840)**

1840. *Lucanus foveatus* Hope, *Proceedings of the Linnean Society of London*, 1(9):77-79.

Distribution: India (Andaman & Nicobar, Arunachal Pradesh, Assam, West Bengal), Laos, Myanmar, Nepal, Thailand

***Prosopocoilus astacoides castaneus* (Hope 1845)**

1845. *Prosopocoilus astacoides castaneus* (Hope), J.C.Bridgewater, South Molton Street, London (editor):1-31.

1911. *Metopodontus poultoni* Boileau, *Bulletin De La Société Entomologique De France*, 16(4):63-65.

Distribution: India (Sikkim, West Bengal), Nepal, Bhutan, China (Xizang)

***Prosopocoilus astacoides croceus* (Didier 1929)**

1929. *Metopodontus croceus* Didier, *Librairie Speciale Agricole, Paris Fascicule*, 5:101-123.

Distribution: India (Sikkim, West Bengal), Bhutan, China (Xizang), Nepal

***Prosopocoilus astacoides fraternus* (Hope 1845)**

1845. *Lucanus fraternus* Hope, J.C.Bridgewater, South Molton Street, London (editor):1-31.

1915. *Metopodontus foveatus birmanicus* Gravely, *Records of the Indian Museum*, 11(6):407-431.

Distribution: India (Andaman), Laos, China (Guangxi, Yunnan), Myanmar, Thailand, Vietnam

***Prosopocoilus biplagiatus* (Westwood 1855)**

1855. *Prosopocoilus biplagiatus* (Westwood), *Transactions of the Royal Entomological Society of London*, 8(6):197-221.

1855. *Lucanus biplagiatus* Westwood, *Transactions of the Royal Entomological Society of London*, 8(6):197-221.

1922. *Prosopocoilus biplagiatus andamanus* Kriesche, *Zur Kenntnis der Lucaniden. Stettiner Entomologische Zeitung*, 83:115-137.

Distribution: India (Andaman, Assam, West Bengal), Bhutan, Cambodia, China (Fujian, Guangdong, Guangxi, Guizhou, Xizang, Yunnan), Laos, Malaysia, Myanmar, Nepal, Thailand, Vietnam

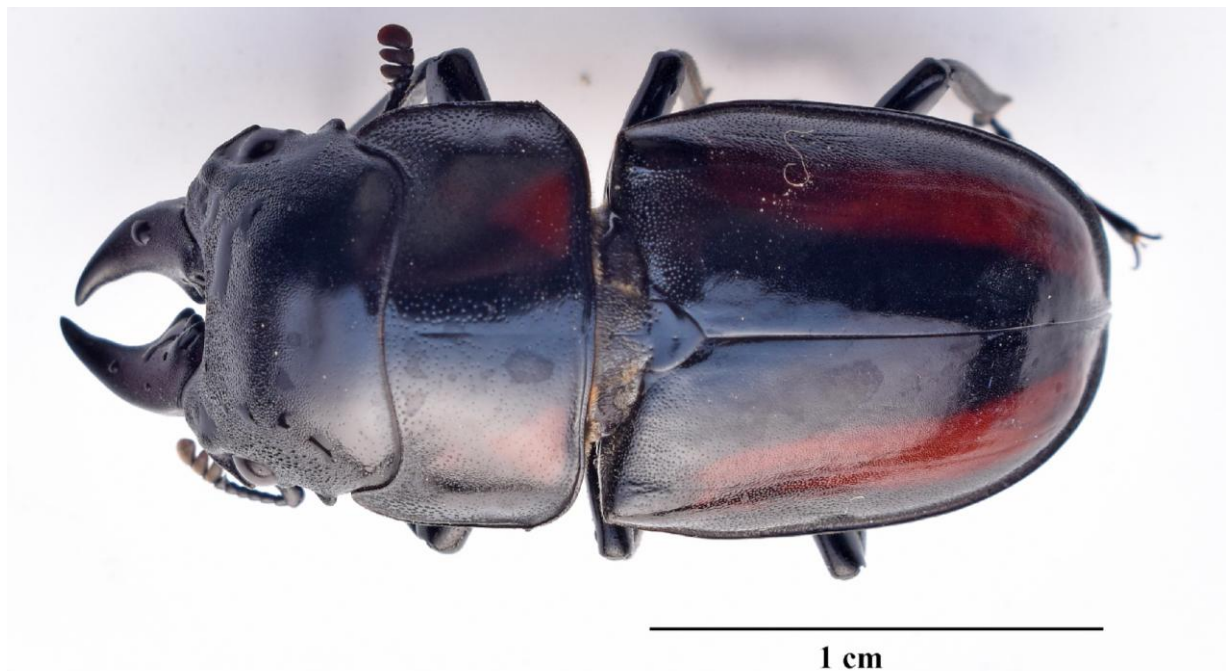


Figure 4. *Prosopocoilus biplagiatus* (Westwood 1855)

***Prosopocoilus buddha buddha* (Hope 1842)**

1842. *Prosopocoilus buddha buddha* (Hope), *Proceedings of the Linnean Society of London*, 1(14):127-128.

Distribution: India (Arunachal Pradesh, Bihar, Meghalaya, Sikkim), Bangladesh, Bhutan, Myanmar, Nepal, Thailand

***Prosopocoilus candezei* (Boileau, 1902)**

1902. *Prosopocoilus candezei* (Boileau), *Mémoires De La Société Entomologique De Belgique*, 9:33-46.

1902. *Metopodontus candezei* Boileau, *Mémoires De La Société Entomologique De Belgique*, 9:33-46.

Distribution: India (Kerala)

***Prosopocoilus cardoni* (Didier 1927)**

1927. *Prosopocoelus cardoni* Didier, *Bulletin De La Société Entomologique De France*, 32(15):220-222.

Distribution: India (Bihar), Laos, Thailand, Vietnam

***Prosopocoilus chalcoides* (Lacroix & Ratti 1983)**

1983. *Prosopocoelus chalcoides* Lacroix & Ratti, *Bulletin De La Société Sciences Nat*, 38:2-8.

Distribution: India (Tamil Nadu)

***Prosopocoilus confucius* (Hope 1842)**

1842. *Lucanus confucius* Hope, *Proceedings of the Entomological Society London*, 59-64.

2024. *Prosopocoilus confucius* (Hope), *Insecta of Zhejiang Vol.5 Coleoptera (I)*. Beijing, Science Press :549-760.

Distribution: India (Arunachal Pradesh, West Bengal), Bangladesh, Bhutan, China (Guangdong, Guangxi, Guizhou, Hunan, Jiangxi, Yunnan, Zhejiang) Myanmar, Thailand, Vietnam

***Prosopocoilus curvipes* (Hope 1845)**

1845. *Lucanus curvipes* Hope, J.C.Bridgewater, South Molton Street, London (editor):1-31.

Distribution: India (Maharashtra)

***Prosopocoilus decipiens* (Parry 1864)**

1864. *Cladognathus decipiens* Parry, *Transactions of the Royal Entomological Society of London*, 12(1):1-113

Distribution: India (Kerala), Indonesia (Moluccas)

Prosopocoilus girafa* (Olivier 1789)**Prosopocoilus girafa girafa* (Olivier 1789)**

1789. *Prosopocoilus girafa girafa* (Olivier), Baudouin, Paris 1:1-190.

1842. *Lucanus brahminus* Hope, *Proceedings of the Linnean Society of London*, 1(14):127-128.

1936. *Cladognathus bouvieri* Didier, *Livre Jubilaire E.-L.Bouvier*, Paris :191-194.

1991. *Prosopocoilus giraffa daisukei* Mizunuma & Nagai, *Gekkan-Mushi*, 242:7-14.

Distribution: India (Andaman, West Bengal), Bangladesh, Bhutan, Cambodia, China (Hunan, Yunnan), Indonesia (Lombok, Sumba, Flores, Java, Sumatra, Bali), Laos, Malaysia, Myanmar, Nepal, Philippines (Luzon, Mindoro, Sibuyan, Negros), Taiwan, Thailand, Vietnam

***Prosopocoilus girafa nilgirensis* Mizunuma & Nagai, 1991**

1845. *Lucanus downesii* Hope, J.C.Bridgewater, South Molton Street, London (editor):1-31.
 1991. *Prosopocoilus girafa nilgirensis* Mizunuma & Nagai, *Gekkan-Mushi*, 242:7-14.
 Distribution: India (Maharashtra)

***Prosopocoilus histrio* (Arrow 1935)**

1935. *Prosopocoilus histrio* (Arrow), *Transactions of the Royal Entomological Society of London*, 83(1):105-125.
 Distribution: India (Kerala, Tamil Nadu)

***Prosopocoilus impressus* (Waterhouse 1869)**

1869. *Cladognathus impressus* Waterhouse, *Transactions of the Royal Entomological Society of London*, 17(1):13-20.
 Distribution: India (Uttarakhand), Nepal

***Prosopocoilus inquinatus inquinatus* (Westwood 1848)**

1848. *Prosopocoilus inquinatus inquinatus* (Westwood), William Smith, London :1-88.
 1915. *Metopodontus biplagiatus indicus* Gravely, *Records of the Indian Museum*, 11(6):407-431.
 Distribution: India (Andaman, Karnataka, Uttar Pradesh), Bangladesh, Bhutan, Cambodia, China (Guizhou, Xizang), Laos, Malaysia, Myanmar, Nepal, Pakistan, Thailand, Vietnam

***Prosopocoilus jenkinsi jenkinsi* (Westwood 1848)**

1848. *Prosopocoilus jenkinsi jenkinsi* (Westwood), William Smith, London :1-88.
 1896. *Metopodontus (Hoplitocranum) calcaratus* Jakovlev, *Horae Societatis Entomologicae Rossicae*, 30:171-174.
 Distribution: India (Assam), Bangladesh, Bhutan, China (Yunnan), Myanmar, Thailand

***Prosopocoilus laterotarsus laterotarsus* (Houlbert 1915)**

1915. *Prosopocoilus laterotarsus laterotarsus* (Houlbert), *Revue Illustrée d'Entomologie, Rennes*, 5:17-23.
 1988. *Prosopocoelus ipseni* Lacroix, *Bulletin De La Société Sciences Nat*, 57:7-16.
 Distribution: India (Assam), Thailand

***Prosopocoilus macclellandi macclellandi* (Hope 1842)**

1842. *Prosopocoilus macclellandi macclellandi* (Hope), *Proceedings of the Entomological Society of London*, 83-84.
 1862. *Cladognathus quadrinodosus* Parry, *Proceedings of the Entomological Society of London*, 3:107-113.
 Distribution: India (Assam, Sikkim, Uttar Pradesh), Bhutan, China (Guangxi, Yunnan), Myanmar, Thailand, Vietnam

Prosopocoilus occipitalis* (Hope 1845)**Prosopocoilus occipitalis roepstorffi* (Waterhouse 1890)**

1890. *Metopodontus roepstorffi* Waterhouse, *The Annals and Magazine of Natural History, Including Zoology, Botany and Geology*, 6(5):33-39.
 Distribution: India (Andaman)

***Prosopocoilus oweni oweni* (Hope 1845)**

1845. *Lucanus subangulatus* Hope, J.C.Bridgewater, South Molton Street, London (editor):1-31.

Distribution: India (Arunachal Pradesh, Assam, West Bengal), Bhutan, Vietnam

***Prosopocoilus perplexus* (Parry 1862)**

1862. *Cladognathus perplexus* Parry, *Proceedings of the Entomological Society of London*, 3:107-113.

Distribution: India, Laos, Vietnam

***Prosopocoilus politus* (Parry 1862)**

1862. *Cladognathus politus* Parry, *Proceedings of the Entomological Society of London*, 3:107-113.

Distribution: India (Sikkim), Bhutan, China (Xizang, Yunnan), Myanmar

***Prosopocoilus pouillaudei* (Houlbert 1915)**

1915. *Prosopocoelus pouillaudei* Houlbert, *Insecta, Revue Illustree d'Entomologie, Rennes*, 5:48-54.

Distribution: India (Sikkim)

***Prosopocoilus sircari* (Lacroix 1981)**

1981. *Prosopocoelus sircari* Lacroix, *Nouvelle Revue d'Entomologie*, 11(1):59-72.

Distribution: India (Assam)

***Prosopocoilus speciosus* (Boileau 1904)**

1904. *Metopodontus speciosus* Boileau, *Le Naturaliste*, 26:277-278.

Distribution: India (Kerala, Maharashtra, Tamil Nadu)

***Prosopocoilus suturalis* (Olivier 1789)**

1789. *Lucanus suturalis* Olivier, *Coléoptères. Baudouin*, Paris 1:1-190.

Distribution: India (Arunachal Pradesh, Assam), Bhutan, Cambodia, China (Fujian, Guangdong, Guizhou, Hainan, Yunnan), Laos, Myanmar, Thailand, Vietnam

***Prosopocoilus tangianus* (Didier & Séguy 1953)**

1953. *Cladognathus tangianus* Didier & Séguy, *Encyclopédie Entomologique*, 27:1-223.

Distribution: India (Assam)

***Prosopocoilus valgipes* Kriesche, 1940**

1940. *Prosopocoilus valgipes* Kriesche, *Entomologische Blätter*, 36(2):39-40.

Distribution: India (Uttarakhand, Jammu & Kashmir)

***Prosopocoilus wimberleyi* (Parry 1875)**

1875. *Prosopocoilus wimberleyi* (Parry), *Transactions of the Royal Entomological Society of London*, 23(2):161.

1920. *Hemisodorcus dvalin* Kriesche, *Archiv Für Naturgeschichte*, (8):92-107.

Distribution: India (Andaman)

Genus: *Rhaetulus* Westwood, 1871

1871. *Rhaetulus* Westwood, *Transactions of the Royal Entomological Society of London*, 19(3):353-374.

***Rhaetulus crenatus* Westwood, 1871**

***Rhaetulus crenatus boileaui* Didier, 1925**

1925. *Rhaetulus speciosus boileaui* Didier, *Bulletin De La Société Entomologique De France*, 30(9):154-156.

Distribution: India (West Bengal), China (Yunnan), Laos, Vietnam

***Rhaetulus crenatus fukinukii* (Nagai 2002)**

2002. *Rhaetulus crenatus fukinukii* Nagai, *Gekkan-Mushi*, 372:11-14.

Distribution: India (Arunachal Pradesh, Assam), Myanmar

Genus: *Rhaetus* Parry, 1864

1864. *Rhaetus* Parry, *Transactions of the Royal Entomological Society of London*, 12(1):1-113.

***Rhaetus westwoodi* (Parry 1862)**

***Rhaetus westwoodi westwoodi* (Parry 1862)**

1862. *Rhaetus westwoodi westwoodi* (Parry), *Proceedings of the Entomological Society of London*, 3:107-113.

1915. *Cladognathus arrowi* Gravely, *Records of the Indian Museum*, 11(6):407-431.

Distribution: India (Assam, West Bengal), Bhutan, China (Xizang), Nepal

Genus: *Serrognathus* Motschulsky, 1861

1861. *Serrognathus* Motschulsky, *Insectes du Japon. Coléoptères. Etudes Entomologiques*, Helsingfors 10:3-19.

***Serrognathus (Serrognathus) titanus* (Boisduval 1835)**

***Serrognathus (Serrognathus) titanus westermanni* (Hope 1842)**

1842. *Dorcus westermanni* Hope, *Proceedings of the Linnean Society of London*, (14):127-128.

Distribution: India (Arunachal Pradesh, Assam, Meghalaya, West Bengal), Myanmar, Thailand

Genus: *Velutinodorcus* Yi, 2023

1992. *Velutinodorcus* Maes, *Revista Nicaragüense De Entomología*, 22B:61-121.

2023. *Velutinodorcus* Yi, *Entomodiversity Research*, 1:1-189.

***Velutinodorcus cylindricus* (Thomson 1862)**

1862. *Velutinodorcus cylindricus* (Thomson), *Annales De La Société Entomologique De France*, (4)2:389-436.

1906. *Dorcus rosti* Zang, *Deutsche Entomologische Zeitschrift*, (1):184.

1927. *Dorcus bobi* Didier, *Bulletin De La Société Entomologique De France*, 32(12):191-195.

2023. *Velutinodorcus cylindricus* (Thomson), *Entomodiversity Research*, 1:1-189.

Distribution: India (Himachal Pradesh, Jammu & Kashmir, Punjab, Uttarakhand), China (Xizang), Nepal

***Velutinodorcus immundus* (Arrow 1938)**

1938. *Dorcus immundus* Arrow, *The Annals and Magazine of Natural History*, 2:49-63.

2023. *Velutinodorcus immundus* (Arrow), *Entomodiversity Research*, 1:1-189.

Distribution: India (Tamil Nadu)

***Velutinodorcus kawamurai* (Fujita 2010)**

2010. *Dorcus kawamurai* Fujita, *Mushi-Sha's, Tokyo*, 6:1-472.

2023. *Velutinodorcus kawamurai* (Fujita), *Entomodiversity Research*, 1:1-189.

Distribution: India (Arunachal Pradesh, West Bengal), Bhutan, Myanmar

***Velutinodorcus rugosus* (Boileau 1904)**

1904. *Dorcus rugosus* Boileau, *Bulletin De La Société Entomologique De France*, 9(3):39-40.

1915. *Eurytrachelus travancorica* Gravelly, *Records of the Indian Museum*, 11(6):407-431.

2023. *Velutinodorcus rugosus* (Boileau), *Entomodiversity Research*, 1:1-189.

Distribution: India (Kerala, Tamil Nadu)

***Velutinodorcus ursulus* (Arrow 1938)**

1938. *Dorcus ursulus* Arrow, *The Annals and Magazine of Natural History*, 2:49-63.

2023. *Velutinodorcus ursulus* (Arrow), *Entomodiversity Research*, 1:1-189.

Distribution: India (Sikkim), Bhutan, China (Xizang, Yunnan), Laos, Myanmar, Thailand

***Velutinodorcus velutinus* (Thomson 1862)**

1862. *Dorcus velutinus* Thomson, *Annales De La Société Entomologique De France*, (4)2:389-436.

1902. *Gnaphaloryx cinereus* Boileau, *Bulletin De La Société Entomologique De France*, 7(19):320-321.

2023. *Velutinodorcus velutinus* (Thomson), *Entomodiversity Research*, 1:1-189.

Distribution: India (Arunachal Pradesh), Bhutan, China (Fujian, Gansu, Guangxi, Guangdong, Guizhou, Hainan, Hunan, Shaanxi, Sichuan, Xizang, Yunnan, Zhejiang), Laos, Myanmar, Thailand, Vietnam

Tribe: Figulini Burmeister, 1842

1842. Figulini Burmeister, *Coleoptera Lamellicornia, Xylophila et Pectinicornia*. Enslin, Berlin 5:1-584.

1960. *Nigidiini* Benesh, *Coleopterorum Catalogus, Supplementa* (Second Edition) 8, 178pp.

Genus: *Cardanus* Westwood, 1834

1834. *Cardanus* Westwood, *Annales Des Sciences Naturelles*, Paris, 1:112-121.

***Cardanus variolosus* Arrow, 1935**

1935. *Cardanus variolosus* Arrow, *Transactions of the Royal Entomological Society of London*, 83(1):105-125.

Distribution: China (Xizang, Yunnan), India (Assam), Myanmar, Thailand

Genus: *Diasomoides* Schenk, 2002

2002. *Diasomoides* Schenk, *Facetta*, 21:4-16.

***Diasomoides schenki* Schenk, 2002**

2002. *Diasomoides schenki* Schenk, *Facetta*, 21:4-16.

Distribution: India (Kerala)

Genus: *Dinonigidius* de Lisle, 1974

1974. *Dinonigidius* de Lisle, *Revue Suisse De Zoologie*, 80(4):785-804.

***Dinonigidius ahenobarbus* de Lisle, 1974**

1974. *Dinonigidius ahenobarbus* de Lisle, *Revue Suisse De Zoologie*, 80(4):785-804.

Distribution: India (Tamil Nadu), Sri Lanka

Genus: *Figulus* Macleay, 1819

1819. *Figulus* Macleay, S.Bagster, London Vol.1 Part 1,160pp.

***Figulus (Figulinus) andamanus* Kriesche, 1920**

1920. *Figulus (Figulinus) andamanus* Kriesche, *Archiv Für Naturgeschichte*, (8):92-107.

Distribution: India (Andaman)

***Figulus (Figulinus) angustus* Bomans, 1989**

1989. *Figulus (Figulinus) angustus* Bomans, *Bulletin De La Société Sciences Nat*, 63:13-19.

Distribution: India (West Bengal)

***Figulus (Figulinus) aratus* Arrow, 1935**

1935. *Figulus (Figulinus) aratus* Arrow, *Transactions of the Royal Entomological Society of London*, 83(1):105-125.

Distribution: India (Tamil Nadu), Sri Lanka

***Figulus (Figulinus) tumidimentum* Bomans, 1989**

1989. *Figulus (Figulinus) tumidimentum* Bomans, *Bulletin De La Société Sciences Nat*, 63:13-19.

Distribution: India (Tamil Nadu)

***Figulus (Figulus) caviceps* Boileau, 1902**

1902. *Figulus (Figulus) caviceps* Boileau, *Le Naturaliste*, 24:203-205

1941. *Figulus arrowi* Nagel, *Deutsche Entomologische Zeitschrift*, 54-75.

Distribution: India (Madhya Pradesh, Sikkim), Bhutan, China (Guangxi, Xizang, Yunnan, Myanmar, Nepal, Thailand, Vietnam)

***Figulus (Figulus) cicatricosus* Boileau, 1905**

1905. *Figulus (Figulus) cicatricosus* Boileau, *Le Naturaliste*, 27:38.

Distribution: India (Tamil Nadu)

***Figulus (Figulus) linearis* (Didier 1928)**

1928. *Figulus (Figulus) linearis* (Didier), *Librairie Speciale Agricole, Paris Fascicule 3*:70-82.

1943. *Cardanus linearis* Didier, *Proceedings of the Royal Entomological Society of London*, (B) 12(9-10):133-143.

Distribution: India (Malabar Islands, Kerala)

***Figulus (Figulus) meridianus* Bomans, 1986**

1986. *Figulus (Figulus) meridianus* Bomans, *Bulletin De La Société Sciences Nat Bulletin*, 51:7-15.

Distribution: India (Kerala)

***Figulus (Figulus) tapinus* Bomans, 1987**

1987. *Figulus (Figulus) tapinus* Bomans, *Bulletin De La Société Sciences Nat Bulletin*, 52:7-12.

Distribution: India (Uttarakhand)

Genus: *Nigidius* Macleay, 1819

1819. *Nigidius* Macleay, S.Bagster, London Vol.1, 160pp.

***Nigidius assumiana* Okuda & Maeda, 2017**

2017. *Nigidius assumiana* Okuda & Maeda, *Kogane*, Tokyo 20:4-6.

Distribution: India (Arunachal Pradesh)

***Nigidius distinctus* Parry, 1873**

1873. *Nigidius distinctus* Parry, *Transactions of the Royal Entomological Society of London*, 21(3):335-345.

1920. *Nigidius andamanus* Kriesche, *Archiv Für Naturgeschichte*, 86A, (8):92-107.

Distribution: India (Andaman & Nicobar, Assam), Laos, Malaysia, Myanmar, Thailand, Vietnam

***Nigidius elapraorum* Okuda & Maeda, 2018**

2018. *Nigidius elapraorum* Okuda & Maeda, *Kogane*, 21:87-89.

Distribution: India (Arunachal Pradesh)

***Nigidius hemantai* Okuda & Maeda, 2016**

2016. *Nigidius hemantai* Okuda & Maeda, *Kogane*, 18:73-75.

Distribution: India (Arunachal Pradesh)

***Nigidius himalayae* Gravely, 1915**

1915. *Nigidius himalayae* Gravely, *Records of the Indian Museum*, 11(6):407-431.

Distribution: India (Sikkim), Myanmar, Bangladesh, Nepal

***Nigidius impressicollis* Boileau, 1905**

1905. *Nigidius impressicollis* Boileau, *Le Naturaliste*, 27:60-61

Distribution: India (Meghalaya), China (Xizang)

Tribe: Lucanini Latreille, 1804

1804. Lucanini Latreille, *Histoire naturelle, générale et particuliere des crustacés et des insectes*. Paris 10, 445pp.

Genus: *Eolucanus* Kurosawa, 1970

1970. *Eolucanus* Kurosawa, *Special Bulletin of the Lepidoterological Society of Japan*, 4:159-167.

***Eolucanus adi* (Okuda & Maeda, 2016)**

2016. *Lucanus adi* Okuda & Maeda, *Gekkan-Mushi*, 544:19-26.

2017. *Eolucanus adi* (Okuda & Maeda), *Stag beetles of China III*. Formosa Ecological Company, New Taipei City, Taiwan, 524pp.

Distribution: India (Arunachal Pradesh), China (Xizang)

***Eolucanus gracilis* (Albers, 1889)**

***Eolucanus gracilis gracilis* (Albers, 1889)**

1889. *Eolucanus gracilis gracilis* (Albers), *Deutsche Entomologische Zeitschrift*, 33(2):319-320.

Distribution: India (Sikkim), Nepal, Bhutan, China (Xizang)

***Eolucanus gracilis sharchokpai* (Okuda & Maeda 2014)**

2014. *Lucanus gracilis sharchokpai* Okuda & Maeda, *Gekkan-Mushi*, 522:13-18.

2016. *Eolucanus gracilis sharchokpai* (Okuda & Maeda), *Catalogue of Palaearctic Coleoptera* Vol. 3. Revised and Updated Edition. Brill Leiden, 983pp.

Distribution: India (Arunachal Pradesh)

***Eolucanus jonnae* Schenk, 2020**

2020. *Eolucanus jonnae* Schenk, *Beetles World*, 22:8-20.

Distribution: India (Uttarakhand)

***Eolucanus kerleyi* (Boucher 1994)**

1994. *Pseudolucanus kerleyi* Boucher, *Bulletin De La Société Entomologique De France*, 99(5):505-515.

2010. *Eolucanus kerleyi* (Boucher), *Stag beetles of China I.*, Formosa Ecological Company, New Taipei City, Taiwan, 288pp.

Distribution: India (Uttarakhand), Nepal

***Eolucanus oberthuri* (Planet 1896)**

1896. *Pseudolucanus oberthuri* Planet, *Le Naturaliste*, 10:278-280.

2010. *Eolucanus oberthuri* (Planet), *Stag beetles of China I.*, Formosa Ecological Company, New Taipei City, Taiwan, 288pp.

Distribution: India (Arunachal Pradesh, Sikkim), China (Xizang), Myanmar, Nepal, Thailand

Genus: *Lucanus* Scopoli, 1763

1763. *Lucanus* Scopoli, Ioannis Thomae Trattner. Vindobonae:1-420.

1839. *Hexaphyllus* Mulsant, *Annales De La Société Agricole De Lyon*, 2:119-121.

1845. *Lucanus* (*Pseudolucanus*) Hope, J.C.Bridgewater, South Molton Street, London (Editor):1-31.

***Lucanus atratus* Hope, 1831**

1831. *Lucanus atratus* Hope, *Zoological Miscellany*,1:21-32.

Distribution: India (Assam, Sikkim, West Bengal), China (Xizang), Nepal

***Lucanus bruanti* Lacroix & Bomans, 1973**

1973. *Lucanus bruanti* Lacroix & Bomans, *Bulletin Et Annales De La Société Royale d'Entomologie De Belgique*, 109:135-152.

Distribution: India (Assam), Bhutan

***Lucanus cantori* Hope, 1842**

1842. *Lucanus cantori* Hope, *Proceedings of the Entomological Society of London*, 83-84.

1967. *Lucanus cantori colasi* Lacroix, *L'Entomologiste* 23(4):97-100

Distribution: India (West Bengal, Shillong, Darjeeling), Bhutan, China (Xizang)

***Lucanus confuses* (Boucher 1994)**

1994. *Pseudolucanus confuses* Boucher, *Bulletin De La Société Entomologique De France*, 99(5):505-515.

Distribution: India (Sikkim), Bhutan, Nepal

***Lucanus convexus* Lacroix, 1982**

1982. *Lucanus convexus* Lacroix, *Miscellanea Entomologica*, 49:13-30.

Distribution: India (Assam)

***Lucanus devei devei* (Lacroix 1988)**

1988. *Lucanus devei devei* (Lacroix), *Bulletin De La Société Sciences Nat*, 57:7-16.

Distribution: India (Himachal Pradesh, Jammu & Kashmir)

***Lucanus dohertyi* Boileau, 1911**

1911. *Lucanus dohertyi* Boileau, *Transactions of the Entomological Society London*, 59(2):426-451.

1890. *Lucanus laminifer minor* Waterhouse, *The Annals and Magazine of Natural History, Including Zoology, Botany and Geology*, 6(5):33-39.

Distribution: India (Assam)

***Lucanus fryi* Boileau, 1911**

***Lucanus fryi schepanskii* Schenk, 2008**

2008. *Lucanus fryi schepanskii* Schenk, *Beetles World*, 1:1-12.

Distribution: India (Arunachal Pradesh)

***Lucanus groulti* (Planet 1897)**

1897. *Pseudolucanus groulti* Planet, *Le Naturaliste*, 11:226-228.

Distribution: India (Sikkim), Nepal, Pakistan

***Lucanus izindui* Okuda & Maeda, 2016**

2016. *Lucanus izindui* Okuda & Maeda, *Gekkan-Mushi*, 544:19-26.

Distribution: India (Arunachal Pradesh)

***Lucanus jibii* Okuda & Maeda, 2015**

2015. *Lucanus jibii* Okuda & Maeda, *Gekkan-Mushi*, 528:29-34.

Distribution: India (Arunachal Pradesh)

***Lucanus laminifer laminifer* Waterhouse, 1890**

1890. *Lucanus laminifer laminifer* Waterhouse, *The Annals and Magazine of Natural History, Including Zoology, Botany and Geology, London*, 6(5):33-39.

Distribution: India (Assam, Sikkim), China (Yunnan), northern Myanmar, Thailand

***Lucanus lunifer* Westwood, 1839**

***Lucanus lunifer franciscae* Lacroix, 1971**

1971. *Lucanus lunifer franciscae* Lacroix, *Annales De La Société Entomologique De France*, 7(3):553-570.

Distribution: India (Arunachal Pradesh, Assam), China (Xizang), Myanmar

***Lucanus lunifer lunifer* Westwood, 1839**

1845. *Lucanus rugifrons* Hope, *Transactions of the Entomological Society London*, 61(2):213-272.

Distribution: India (Arunachal Pradesh, Assam, Himachal Pradesh, Jammu & Kashmir, Punjab, Sikkim, Uttarakhand, West Bengal), Bhutan, China (Yunnan), Myanmar, Nepal



Figure 5. *Lucanus lunifer lunifer* Westwood, 1839

***Lucanus mearesii* Hope, 1842**

1845. *Lucanus nigripes* Hope, *Transactions of the Entomological Society London*, 61(2):213-272.

Distribution: India (Arunachal Pradesh, West Bengal, uttrakhand), Bangladesh, Bhutan, Nepal

***Lucanus mishmi* Okuda & Maeda, 2014**

2014. *Lucanus mishmi* Okuda & Maeda, *Gekkan-Mushi*, 522:13-18.

Distribution: India (Arunachal Pradesh)

***Lucanus nyishwini* Nagai, 2000**

***Lucanus nyishwini bretschnideri* Schenk, 2008**

2008. *Lucanus nyishwini bretschnideri* Schenk, *Beetles World*, 1:1-12.

Distribution: India (Arunachal Pradesh), China (Xizang)

***Lucanus rondoi* Okuda & Maeda, 2018**

2018. *Lucanus rondoi* Okuda & Maeda, *Gekkan-Mushi*, 569:45-47.

Distribution: India (Arunachal Pradesh)

***Lucanus smithi* Parry, 1862**

1862. *Lucanus smithi* Parry, *Proceedings of the Entomological Society of London*, 3:107-113.

Distribution: India (Assam, West Bengal), Bangladesh, Bhutan, China (Xizang, Yunnan)

***Lucanus thibetanus* Planet, 1898**

***Lucanus thibetanus furcifer* Arrow, 1953**

1949. *Lucanus furcifer* Arrow, Taylor & Francis Ltd., London, 275pp.

2011. *Lucanus thibetanus katurai* Mizunuma, *Zootaxa*, 2987:56-64.

Distribution: India (Sikkim), Vietnam, China (Sichuan, Yunnan)

***Lucanus wemckenii* Schenk, 2006**

2006. *Lucanus wemckenii* Schenk, *Entomologische Zeitschrift. Stuttgart*, 116(6):271-272.

Distribution: India (Arunachal Pradesh), China (Xizang)

***Lucanus westermanni* Hope, 1845**

1845. *Lucanus westermanni* Hope, J.C.Bridgewater, South Molton Street, London (Editor):1-31.

1900. *Pseudolucanus mniszechi* Planet, *Transactions of the Royal Entomological Society of London*, 83(1):105-125.

Distribution: India (Assam, West Bengal), Bhutan, China (Fujian, Sichuan), Nepal

Genus: *Prismognathus* Motschulsky, 1860

1912. *Cladophyllus* Houlbert, *Insecta, Revue Illustrée d'Entomologie, Rennes*, 2:137-148

1926. *Tetrarthrus* Didier, *Encyclopédie Entomologique Paris*, Coléoptères 2(1):17-48.

***Prismognathus castaneus castaneus* (Didier 1926)**

1950. *Dorcus castaneicolor* Arrow, Taylor & Francis Ltd., London, 275pp

Distribution: India (Sikkim), China (Xizang, Yunnan)

***Prismognathus kucerai* Baba, 2004**

2004. *Prismognathus kucerai* Baba, *Gekkan-Mushi*, 402:26-28.

Distribution: India (Uttar Pradesh)

***Prismognathus lucidus* Boileau, 1904**

1904. *Prismognathus lucidus* Boileau, *Le Naturaliste*, 26:277-278.

Distribution: India (Sikkim), Bhutan

***Prismognathus mekolaorum* Okuda & Maeda, 2015**

2015. *Prismognathus mekolaorum* Okuda & Maeda, *Gekkan-Mushi*, 528:29-34.

Distribution: India (Arunachal Pradesh)

***Prismognathus miyashitai* Ikeda, 1997**

1997. *Prismognathus miyashitai* Ikeda, *Gekkan-Mushi*, 318:28-30.

2017. *Prismognathus miyashitai fukinukii* Nagai, *Stag beetles of China III*. Formosa Ecological Company :524pp.

Distribution: India (Arunachal Pradesh), China (Xizang), Myanmar, Vietnam

***Prismognathus nosei* Nagai, 2000**

2000. *Prismognathus nosei* Nagai, *Notes on Eurasian Insects* Nr.3, 73-108.

2017. *Prismognathus bretschnideri* Schenk, *Stag beetles of China III*. Formosa Ecological Company, New Taipei City, Taiwan ,524pp.

Distribution: India (Arunachal Pradesh), China (Xizang, Yunnan), Myanmar

***Prismognathus parvus* Didier, 1928**

1928. *Prismognathus parvus* Didier, *Librairie Speciale Agricole, Paris Fascicule*, 3:70-82.

Distribution: India (Assam), Bhutan, China (Xizang)

***Prismognathus passangi* Okuda & Maeda, 2015**

2015. *Prismognathus passangi* Okuda & Maeda, *Gekkan-Mushi*, 532:35-39.

Distribution: India (Arunachal Pradesh), China (Xizang)

***Prismognathus platycephalus* (Hope 1842)**

1842. *Lucanus platycephalus* Hope, *Proceedings of the Entomological Society of London*, 83-84.

2012. *Prismognathus platycephalus* (Hope), *Zootaxa*, 3255:1-36.

Distribution: India (Meghalaya), Bhutan, China (Sichuan, Yunnan), Nepal

***Prismognathus ruficephalus* Lacroix, 1978**

1978. *Prismognathus ruficephalus* Lacroix, *Bulletin Et Annales De La Société Royale d'Entomologie De Belgique*, 114:249-294.

Distribution: India (Assam)

***Prismognathus subnitens* (Parry 1862)**

1862. *Cyclorasis subnitens* Parry, *Proceedings of the Entomological Society of London*, 3:107-113.

Distribution: India (Assam, Sikkim), Bhutan, China (Xizang), Nepal

Tribe: Odontolabini Van Roon, 1910

1910. Odontolabini Van Roon, *Coleopterorum Catalogus Lucanidae*. Schenkling S. (ed.), Berlin:W.Junk 8:3-70.

Genus: *Heterochthes* Westwood, 1864

1864. *Heterochthes* Westwood, *Transactions of the Royal Entomological Society of London*, 12(1):1-113.

***Heterochthes andamanensis* Westwood, 1874**

1874. *Heterochthes andamanensis* Westwood, *Transactions of the Royal Entomological Society of London*, 22(3):357-363.

Distribution: India (Andaman & Nicobar)

Genus: *Neolucanus* Thomson, 1862

1863. *Anodontolabis* Parry, *Transactions of the Royal Entomological Society of London*, 11(5):442-452.

***Neolucanus baladeva* (Hope 1842)**

1845. *Lucanus angulatus* Hope, *Transactions of the Royal Entomological Society of London*, 18(1):53-118.

1943. *Calcodes celebicus* Arrow, *Proceedings of the Royal Entomological Society of London*, (B) 12:133-143.

Distribution: India (Arunachal Pradesh, Meghalaya, Sikkim, West Bengal), Bangladesh, Bhutan, Myanmar, Nepal

***Neolucanus castanopterus* (Hope 1831)**

***Neolucanus castanopterus castanopterus* (Hope 1831)**

1909. *Neolucanus castanopterus cephalotes* Mollenkamp, *Internationale Entomologische Zeitschrift*, 3(11):58-59.

1941. *Neolucanus parvus* Nagel, *Deutsche Entomologische Zeitschrift*, 54-75.

Distribution: India (Assam, Sikkim, Uttar Pradesh), Bhutan, Nepal

***Neolucanus castanopterus melas* Didier, 1930**

1930. *Neolucanus castanopterus melas* Didier, *Librairie Speciale Agricole, Paris Fascicule*, 7:141-150.

Distribution: India (Meghalaya)

***Neolucanus lanwanorum* Nagai, 2000**

2000. *Neolucanus lanwanorum* Nagai, *Notes on Eurasian Insects* Nr., 73-108.

Distribution: India (Arunachal Pradesh), Myanmar

***Neolucanus latus* (Boileau 1902)**

1902. *Neolucanus latus* (Boileau), *Le Naturaliste*, 24:203-205.

1912. *Neolucanus apricans* Möllenkamp, *Proceedings of the Royal Entomological Society of London*, (B) 12(9-10):133-143.

Distribution: India (Assam), Laos, Myanmar, Thailand, Vietnam

***Neolucanus marginatus* (Waterhouse 1872)**

***Neolucanus marginatus confucius* Lacroix, 1972**

1972. *Neolucanus marginatus confucius* Lacroix, *Annales De La Société Entomologique De France*, 8(1):111-126.

Distribution: India (Assam), Bangladesh, Thailand

***Neolucanus marginatus marginatus* (Waterhouse 1872)**

1872. *Neolucanus marginatus marginatus* (Waterhouse), *Entomologist's Monthly Magazine*, 9:53-54.

Distribution: India (Sikkim), Bhutan, China (Xizang), Laos, Myanmar, Vietnam

***Neolucanus oxyops* de Lisle, 1976**

1976. *Neolucanus oxyops* de Lisle, *Nouvelle Revue d'Entomologie*, 6(3):273-282.

Distribution: India (Andra Pradesh, Assam)

***Neolucanus rudolphi* Schenk, 2008**

2008. *Neolucanus lanwanorum rudolphi* Schenk, *Beetles World*, 1:1-12.

2013. *Neolucanus rudolphi* Schenk, *Beetles World*, 7:5-6.

Distribution: India (Arunachal Pradesh), China (Xizang)

***Neolucanus saundersi* Parry, 1864**

1864. *Neolucanus saundersi* Parry, *Transactions of the Royal Entomological Society of London*, 12(1):1-113.

Distribution: India (Sikkim), Bhutan, Myanmar

Genus: *Odontolabis* Hope, 1842

1842. *Odontolabis* Hope, *Proceedings of the Linnean Society of London*, 1(14):127-128.

***Odontolabis burmeisteri* (Hope 1841)**

1841. *Lucanus burmeisteri* Hope, *Proceedings of the Entomological Society London*, 32-34.

Distribution: India (Karnataka), Nepal

***Odontolabis cuvera* Hope, 1842**

***Odontolabis cuvera cuvera* Hope, 1842**

1891. *Lucanus delessertii* Hope, *Deutsche Entomologische Zeitschrift*, Berlin :277-281.

1909. *Odontolabis cuvera mandibularis* Möllenkamp, *Internationale Entomologische Zeitschrift* (Guben) 3(1):3-4.

Distribution: India (Arunachal Pradesh, Assam, Kerala, Manipur, Meghalaya, Sikkim, West Bengal), Bhutan, Nepal

***Odontolabis cuvera gestroi* Boileau, 1902**

1902. *Odontolabis cuvera gestroi* Boileau, *Le Naturaliste*, 24:203-205.

1902. *Odontolabis cuvera alticola* Möllenkamp, *Insektenbörse*, 19(45):353-354.

Distribution: India (Assam, Nagaland), China (Yunnan), Myanmar, Thailand

***Odontolabis cuvera lunulate* Lacroix, 1984**

1984. *Odontolabis cuvera lunulate* Lacroix, Editions Sciences Nat, Compiègne, France 4:1-175.

Distribution: India (Assam)

***Odontolabis delessertii* (Guérin-Ménéville 1843)**

1843. *Lucanus delessertii* Guérin-Ménéville, A.Delessert: Souvenirs D'un Voyage Dans l'Inde 2:33-50.

Distribution: India (Tamil Nadu)

***Odontolabis pareoxa pareoxa* Bomans, Lacroix & Ratti, 1973**

1973. *Odontolabis pareoxa pareoxa* Bomans, Lacroix & Ratti, *Bulletin Et Annales De La Société Royale d'Entomologie De Belgique*, 109:222.

Distribution: India (Assam), Myanmar, China (Yunnan), Vietnam

***Odontolabis platynotus* (Hope 1845)**

1845. *Lucanus platynotus* Hope, J.C.Bridgewater, South Molton Street, London (Editor):1-31.

1927. *Odontolabis platynotus coomani* Didier, *Bulletin De La Société Entomologique De France*, 32(18):270-272.

Distribution: India (Assam), China (Fujian, Guizhou, Hong Kong, Hunan, Shanghai, Sichuan, Yunnan, Zhejiang), Laos, Myanmar, Vietnam

***Odontolabis siva* (Hope 1845)**

1845. *Lucanus siva* Hope, J.C.Bridgewater, South Molton Street, London (Editor):1-31.

1953. *Neolucanus parryi mingianus* Didier & Séguy, *Encyclopédie Entomologique Serie A*, 27:1-223.

Distribution: India (Arunachal Pradesh, Assam, Uttarakhand, West Bengal), Bhutan, Cambodia, China (Fujian, Guizhou, Hainan, Hunan, Yunnan, Zhejiang), Laos, Malaysia, Myanmar, Nepal, Taiwan, Thailand, Vietnam

***Odontolabis versicolor* (Didier 1931)**

1931. *Neolucanus versicolor* Didier, *Librairie Speciale Agricole, Paris Fascicule*, 9:212-232.

Distribution: India (Karnataka)

Tribe: Penichrolucanini Arrow, 1950

1950. Penichrolucaninae Arrow, Taylor & Francis Ltd., London, 275pp.

Genus: *Penichrolucanus* Deyrolle, 1863

1863. *Penichrolucanus* Deyrolle, *Annales De La Société Entomologique De France*, 3:485-487.

***Penichrolucanus nicobaricus* Arrow, 1935**

1935. *Penichrolucanus nicobaricus* Arrow, *Transactions of the Royal Entomological Society of London*, 83(1):105-125.

Distribution: India (Andaman & Nicobar)

DISCUSSION

Thus, a total of 198 species of Lucanidae have been reported of which subfamily Lucaninae is the most speciose with 196 species (98.9%) belonging to 25 genera. On the other hand, subfamily Aesalinae and subfamily Synaesinae is represented by single species from India (Figure 1). After Arrow's work (1950) on the Oriental Lucanids subsequent contributions by various workers have led to significant changes in the taxonomic status of many taxa over time (Huang & Chen 2013, 2017; Maes 1990; Okuda & Maeda 2014; Schenk 2023). Many species previously placed under genus *Dorcus* were later reclassified into different genera namely *Velutinodorcus*, *Falcicornis*, *Rhaetulus*, *Serrognathus*, *Prosopocoilus*, *kirchnerius* based on morphological and phylogenetic evidence (Huang & Chen 2013, 2017; Maes 1990; Okuda & Maeda 2014; Schenk 2023). Similarly, various species under genus *Aegus* were reclassified under genus *Prosopocoilus* (Huang & Chen 2013), *Calcodes* under *Odontolabis* and *Neolucanus* (Nagai 2000; Schenk 2008, 2013). Also, of the indexed 198 species, 66 species are endemic to India (Figure 2). Moreover, Penichrolucaninae was initially recognised as a distinct subfamily (Arrow 1950) but has since been synonymized with Lucaninae and is currently regarded as a tribe within Lucaninae.

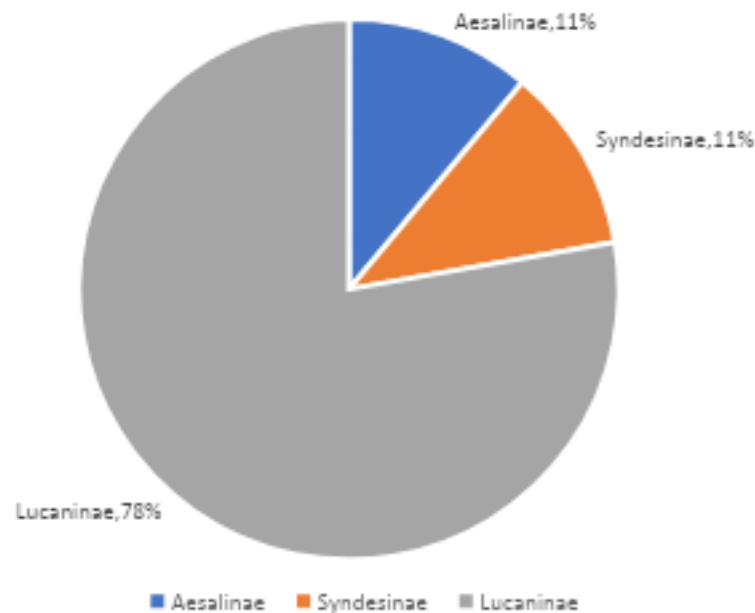


Figure 1. Percentage representation of species in three subfamilies of family Lucanidae from India

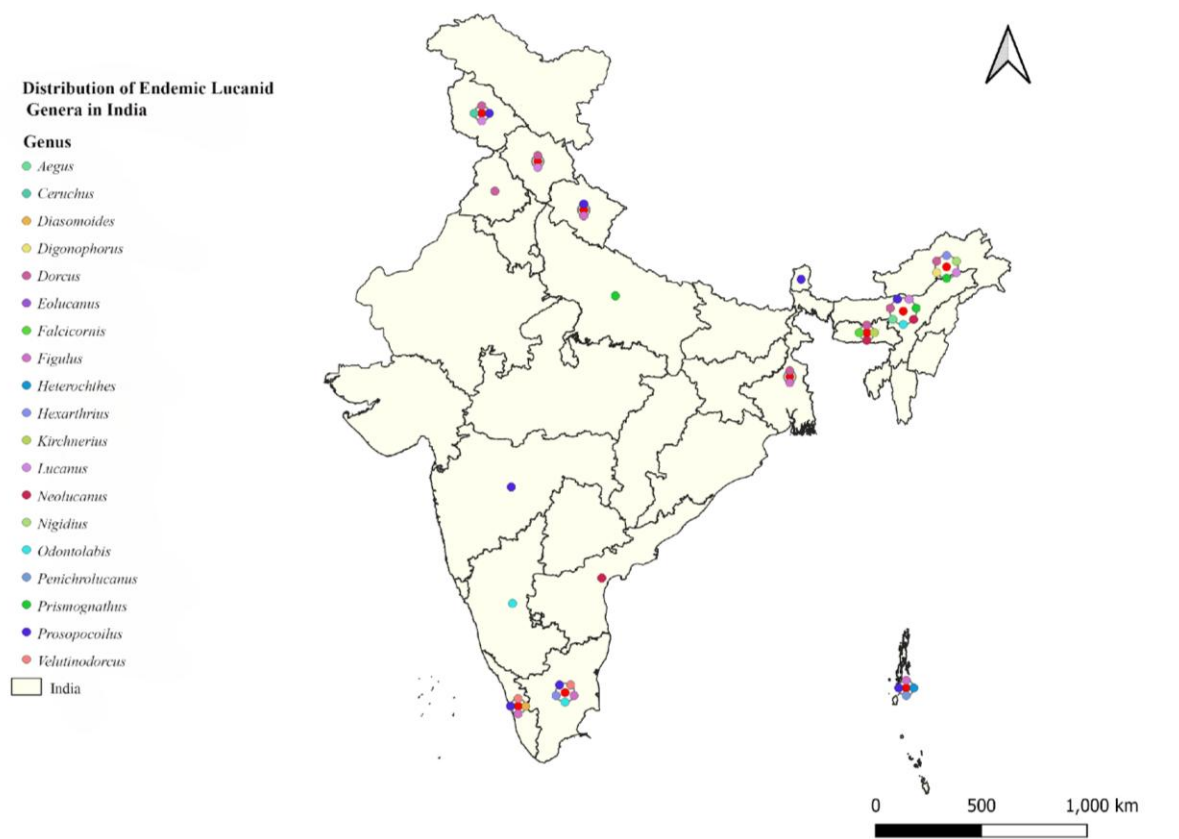


Figure 2. Distribution map of Endemic species of family Lucanidae in India

CONCLUSION

This study presents the first updated synthesis of Indian Lucanidae since the work of Arrow (1950). Incorporating subsequent taxonomic revisions, the checklist standardizes nomenclature and clarifies the current representation of subfamilies and tribes within India. The compilation further reveals pronounced biogeographic structuring of the Indian lucanid fauna, with highest diversity concentrated in the Eastern Himalaya and Northeast India, reflecting strong Indo-Malayan affinities, while comparatively limited and fragmented data exist for the Western Ghats and peninsular regions. Several areas remain poorly surveyed, and distributional gaps suggest that additional undocumented diversity may occur, particularly in forested montane systems. Therefore, the present list provides a foundation for future taxonomic revisions, phylogenetic analyses, and faunistic surveys. It also offers essential reference material for ecological studies on saproxylic beetles and supports conservation planning in forest ecosystems where lucanids serve as indicators of habitat integrity. Continued field exploration, integrative taxonomy, and reassessment of museum material will be critical to refining species limits and fully documenting the diversity of Indian stag beetles.

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AUTHORS DECLARATION

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Conflict Of Interest

The authors declare no conflict of interest.

Ethics Declaration

The research does not include any ethical issues.

Data Availability Statement

All data generated or analysed during this study are derived from published literature, taxonomic monographs, and institutional records, and are included within the article. No new datasets were generated. Sources of all data have been appropriately cited in the text and reference list. Further details, if required, are available from the corresponding author upon reasonable request.

Authors' Contribution

Meenakshi Bharti contributed to conceptualization, data curation, literature review, compilation of checklist, analysis, and writing the original draft preparation. Shweta Sharma was responsible for methodology, validation and writing through review and editing. Himender Bharti carried out data verification, taxonomic validation, supervision and review of the manuscript. All authors have read and approved the final version of the manuscript.

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