

An updated list of Cerambycidae (Coleoptera) with three new records from West Bengal

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ABSTRACT

Present communication reports three new records of Cerambycidae, from West Bengal for the first time. The complete synonymy list and diagnostic characters of these three species are also dealt in this communication. Moreover, a first consolidated list of 146 species of Cerambycidae under 84 genera of 38 tribes belonging to 4 subfamilies including three new records are documented along with their valid scientific names in this communication.

Keywords: Cerambycidae; West Bengal; Coleoptera.

Abbreviation: ZSI- Zoological Survey of India; TRA- Tea Research Association; Coll. - Collected by

INTRODUCTION

West Bengal, a state in the eastern India extends from the Himalayas in the north to the Bay of Bengal in the south. It lies in between 86° 35' and 89° 35' E longitudes and 21° 31' and 27° 14' N latitudes, under the tropic of cancer, covering a geographic area of 88,752 sq.km. West Bengal has diverse forest types as it extends from alpine climate in the Himalayas in its North to tropical climate in the Southern coastal region.

Comparatively very poor taxonomic work on Cerambycid beetles has been done in India and West Bengal in particular, in relation to other parts of the globe. Gahan [2] gave a comprehensive coverage of most of the genera represented in the Indian region and part of the Malaysian sub region. Pioneer works in West Bengal were accelerated by Gahan, Breuning, Fisher and Gardner in the early twentieth century. Major consolidated works were initiated by Saha and Raychaudhuri [15], who made first consolidated publication on Cerambycidae of West Bengal. They worked out the cerambycid fauna of Buxa tiger reserve of West Bengal and reported 12 species of Cerambycidae from this area, of which 7 species were new records from the state of West Bengal. Besides these, Raychaudhuri and Saha reported cerambycid fauna of Buxa Tiger Reserve in 2000 [3] and cerambycid fauna of Dooars in 2013 [16].

Present communication reports three new records (marked with # in table) of Cerambycidae, namely, *Spinimegopsis tibialis* (White, 1853), *Dorysthenes (Lophosternus) indicus* (Hope, 1831), *Dorysthenes (Paraphrus) granulatus* (Thomson, 1861) from West Bengal and one, *Xylorhiza adusta* (Wiedemann, 1819) reported as new locality record from Puruliya (earlier reported from Jalpaiguri, saha et al, 2013).

Beside this, a list of already reported and newly recorded cerambycid species (146 species) of West Bengal has also been made along with their valid scientific names. Of them subfamily Lamiinae shared maximum number of species (79), followed by Cerambycinae (56), Prioninae (10) and Lepturinae (1). This is the first consolidated report on the cerambycid fauna of West Bengal.

STUDY AREA

During this present study, the collection was made in the Lava and Mirik of Darjeeling district and Nagrakata of Jalpaiguri district.

MATERIALS AND METHODS

The specimens were collected during faunistic surveys in West Bengal conducted by the Zoological Survey of India (2012-2015). The longhorn beetles were collected at night with the help of light trap and at the day time by sweeping and hand picking. Specimens were studied under Leica EZ4 HD binocular microscope for identification on morphological basis. Photographs were taken with Nikon D300s and 105mmNikkor lens. Specimens were deposited in the National Zoological Collection of ZSI, Kolkata, India.

1. *Spinimegopsis tibialis* (White, 1853)

1853. *Aegosoma tibiale* White, *Longicornia* I., 7:1-174, pls. 1-4

2007. *Spinimegopsis tibialis*: Komiya & Drumont, *Elytra*, Tokyo 35 (1): 345-384, 62 figs.

Material examined: 3exs., Lava, Darjeeling district, West Bengal, 23.vi.14, coll. B. Mitra & party

Diagnostic character: Body elongated (Length 20-30mm), dark brown to black, head and pronotum densely, elytra sparsely pubescent; head elongated, eyes emarginate; antenna 12- segmented, segment 1 short, thickened, segment 3 much longer than 4 and 5 united, segments warty, segment 4 -12 dorso-apically angulate, inner margin more warty; pronotum trapezoid, densely punctate, with yellowish pubescence, lateral margins with long yellowish hairs, disc convex with some irregularly weekly raised areas, 2 prominent lateral spines placed baso- medially of each side of the margins, apical spine sometimes blunt or acute; elytra elongated, glossy dark brown throughout, except lateral margin of the apical region, 2 costa on each elytron : first one started from basal region, ended at the sutural margin, near the mid legs, second one started from basal region and ended little beyond the apex, apex of elytra sub-rounded. Under side of the pro, meso, meta sternum covered with long yellow hairs. Abdomen glossy, devoid of hairs; femur, tibia elongated, tarsal claw more than 90° angle.

2. *Dorysthenes (Lophosternus) indicus* (Hope, 1831)

1831. *Prionus indicus* Hope, *Gray's Zoologica Miscellanea* 1: 21-32.

1981. *Dorysthenes (Lophosternus) indicus* : Hayashi Masao & Makhihara Hiroshi, *Esakia, Fukuoka* (17): 183-200, 34 figs

Material examined: 1 ex., Thurbo Tea garden, 12.vi.14 and 1 ex., Sourenee Tea garden, 15.vi.14; Mirik, Darjeeling, West Bengal, Coll. B. Mitra & party

Diagnostic character: Body large (Length 15-35 mm), robust, dark brown or almost black beetle; antenna robust, stout, smaller than body, dark brown, punctate, segment 1 small, stout, anteriorly broadened, reaching to a short distance beyond the hind margin of the eyes, segment 3 longest, all the segments apically angled; pronotum denticulate and punctate; elytra sub-squarish, black, parallel sided, basal margin depressed near the scutellum; legs small, stumpy, stout, femur flattened, stout, chest brown, 3rd tarsal segment bilobed, claws more than 90° angle.

3. *Dorysthenes (Paraphrus) granulosus* (Thomson, 1861)

1861. *Cyrthognathus granulosus* Thomson James, 1860-1861 *Essai d'une classification de la famille des cérambycides et matériaux pour servir à une monographie de cette famille* Paris. 404 pages,

1951. *Dorysthenes (Paraphrus) granulosus* : Gressitt Judson Linsley, *Longicornia*, Paris 2: 1-667, 22 pls. in Page 21

Material examined: 3 exs., Nagrakata Tea Research association garden, Jalpaiguri district, West Bengal, 04.ix.12, coll. B. Mitra & party.

Diagnostic character: Body robust, red brown (Length 45mm), head and antenna black; antenna 12- segmented, segment 1 small, robust, little shorter than segment 4, segment 3 much longer than segment 1 and 4, inner margin of the antennal segments with very minute spines throughout, 4-10 segments dorso-apically angulate and dorso-ventrally flattened; pronotum transverse, much wider than long, apically broadened, disc convex, devoid of pubescence, lateral margin with three prominent spines; elytra finely costate, devoid of pubescence, more or less glossy, apex sub rounded, sternums finely pubescence, legs robust, inner margin of femur and tibia with series of spines throughout, claws more than 90° angle.

DISCUSSION

The Longhorn beetle fauna of West Bengal was mostly studied from high altitude areas (Darjeeling district) and Dooars (Jalpaiguri district) of North Bengal. Comparatively, the fauna is unexplored or under explored from southern Bengal or from mangrove belts (North, South 24 Pargana and Purba Medinipore districts), gangetic plains (Malda, Murshidabad, Nadia, Howrah and Hoogly districts) and semi-arid zones (Paschim Medinipore, Bankura, Puruliya and Birbhum districts) of West Bengal.

Present communication is the first consolidated list of cerambycidae along with taxonomic description of the newly recorded species and distribution data for all the species reported from West Bengal. This communication will definitely act as base line data of Longhorn beetles of West Bengal and also helpful for future workers.

Table. Updated list of reported Cerambycid beetles (Family Cerambycidae) from West Bengal

Sub family	Tribe	No	Species
Prioninae	Aegosomatini	1.	<i>Baralipion maculosum</i> Thomson, 1857(Source: [2]) (Calcutta)
		2.	<i>Dinoprius cephalotes</i> Bates, 1875 (Source: [2]) (Darjeeling)
		3.	<i>Nepiodes bowringi</i> (Gahan, 1894) (source: [3], reported as <i>Megopsis (Aegosoma) bowringi</i> (Jalpaiguri)
		4. #	<i>Spinimegopsis tibialis</i> (White, 1853) (Lava)
	Macrotomini	5.	<i>Anomophysis ellioti</i> (Waterhouse, 1884) (source: [3], reported as <i>Macrotoma (Zooblast) spinosa</i> Fabricius.1787) (Jalpaiguri)
		6.	<i>Anomophysis inscripta</i> (Waterhouse, 1884) (Source: [2] reported as <i>Macrotoma crenata</i>) (Calcutta)
	Prionini	7. #	<i>Dorysthenes (Paraphrus) granulatus</i> (Thomson, 1861) (Darjeeling)
		8.	<i>Dorysthenes (Lophosternus) huegelii</i> (Redtenbacher, 1848) (Source: [2] reported as <i>Lophosternus nufalco</i>) (Darjeeling)
		9. #	<i>Dorysthenes (Lophosternus) indicus</i> (Hope, 1831) (Jalpaiguri)
	Remphanini	10.	<i>Rhaphipodus gahani</i> Lameere, 1903 (Source: [2]) (Darjeeling)
Lepturinae	Lepturini	11.	<i>Pyrocalymma pyrochroides</i> Thomson, 1864 (Source: [2]) (Darjeeling, Pedong)
Cerambycinae	Thraniini	12.	<i>Thranium simplex</i> Gahan, 1894 (source: [3], [8]) (Jalpaiguri)
		13.	<i>Thranium triplagiatus</i> Gahan, 1906 (Source: [4]) (Darjeeling)
	Xystrocerini	14.	<i>Oplatocera oberthuri</i> Gahan, 1906 (Source: [2],[8]) (Jalpaiguri)
		15.	<i>Xystrocera globosa</i> (Olivier, 1795) (source: [3], [8]) (Jalpaiguri)
	Hesperophanini	16.	<i>Gnatholea simplex</i> Gahan, 1890 (Source: [2]) (Darjeeling)
		17.	<i>Stromatium barbatum</i> (Fabricius, 1775) (source: [3],[8]) (Jalpaiguri)
		18.	<i>Stromatium longicorne</i> (Newman) (source: [8]) (Jalpaiguri)
		19.	<i>Zodes compressus</i> (Fabricius) (source: [8]) (Jalpaiguri)
	Oemini	20.	<i>Noserius indicus</i> (Gahan, 1906) (Source: [2] reported as <i>Hypoeshrus indicus</i>) (Calcutta)
		21.	<i>Tetraommatus filiformis</i> Perroud, 1855 (source: [3], [8]) (Jalpaiguri)
	Clytini	22.	<i>Chlorophorus acrocarpi</i> Gardner, 1942 (Source: [6]) (Kalimpong)
		23.	<i>Chlorophorus arciferus</i> (Chevrolat, 1863) (Source: reported as <i>Caloclytus arciferus</i> and <i>Caloclytus socius</i> [2]) (Darjeeling)
		24.	<i>Chlorophorus douei</i> (Chevrolat, 1863) 1942 (Source: [6], reported as <i>Chlorophorus laharae</i>) (Kalimpong)
		25.	<i>Demonax blairi</i> Gardner, 1940 (Source: [5]) (Jalpaiguri, Kalimpong)
		26.	<i>Demonax sonneratae</i> Gardner, 1940 (Source: [5]) (Sundarbans West Bengal)
		27.	<i>Perissus chatterjeei</i> Gardner, 1940 (Source: [5]) (Jalpaiguri)
		28.	<i>Rhaphuma acrocarpi</i> Gardner, 1940 (Source: [5]) (Kalimpong)
		29.	<i>Rhaphuma placida</i> Pascoe, 1858 (Source: [2]) (Darjeeling)
		30.	<i>Rhaphuma fallax</i> Chevrolat, 1863 (Source: [2]) (Bengal)
		31.	<i>Rhaphuma horsfieldi</i> (White, 1855) (Source: [2]) (Darjeeling)
		32.	<i>Xylotrechus buqueti</i> (Laporte de Castelnau & Gory, 1841) (Source: [2]) (Darjeeling)
		33.	<i>Xylotrechus smei</i> (Laporte de Castelnau & Gory, 1841) (source: [3],[8]) (Jalpaiguri)
		34.	<i>Aeolesthes indicola</i> (Bates, 1891) (source: [8]) (Jalpaiguri)
		Cerambycini	35.
	36.		<i>Derolus mauritanicus</i> (Buquet, 1840) (source: [8]) (Jalpaiguri)
	37.		<i>Dialeges pauper</i> Pascoe, 1858 (Source: [2]) (Darjeeling)
	38.		<i>Diorthus cinereus</i> (Fabricius, 1793) (Source: [2] reported as <i>Diorthus simplex</i>) (Bengal)
	39.		<i>Hoplocerambyx spinicornis</i> (Newman, 1842) (source: [3], [8]) (Jalpaiguri)
	40.		<i>Neocerambyx paris</i> (Wiedemann, 1821) (Source: reported as <i>Neocerambyx (S.Str.) paris</i> [7]) (Bengal)
	41.		<i>Neoplocaederus ferrugineus</i> (Linnaeus, 1758) (Source: [2] reported as <i>Plocaederus ferrugineus</i>) (Calcutta)
	42.		<i>Neoplocaederus obesus</i> (Gahan, 1890) (Source: [2] reported as <i>Plocaederus obesus</i>) (Bengal)
	43.		<i>Pachydissus parvicollis</i> Gahan, 1891 (source: [8]) (Jalpaiguri)
	44.		<i>Xoanodera regularis</i> Gahan, 1890 (source: [3],[8]) (Jalpaiguri)
	45.		<i>Ceresium rufum</i> Lameere, 1890 (source: [3], [8]) (Jalpaiguri)
	Callidiopini		46.
		47.	<i>Ceresium zeylanicum</i> White, 1855 (Source : Unpublished from Sundarbans West Bengal, [8]) Jalpaiguri
		48.	<i>Gelonaetha hirta</i> (Fairmaire, 1850) (Source: [2]) (Calcutta)
		49.	<i>Stenodryas apicalis</i> Gahan, 1893 (Source: [17], [1]) (Midnapore)
	Compsocerini	50.	<i>Rosalia (Eurybatus) decempunctata</i> (Westwood, 1848) (Source: [2], reported as <i>Rosalia (Rosalia) decempunctata</i> (Darjeeling)
		51.	<i>Rosalia (Eurybatus) formosa</i> (Saunders, 1839) (Source: [2], reported as <i>Rosalia formosa</i>) (Darjeeling)
		52.	<i>Rosalia (Eurybatus) gravida</i> Lameere, 1887 (Source: [2], reported as <i>Rosalia gravida</i>) (Darjeeling)
		53.	<i>Rosalia (Eurybatus) hariola</i> (Thomson, 1860) (Source: [2], reported as <i>Rosalia hariola</i>) (Darjeeling)
	Mythodini	54.	<i>Phyodexia concinna</i> Pascoe, 1871 (Source: [2]) (Darjeeling)
	Trachyderini	55.	<i>Euryphagus lundii</i> (Fabricius, 1793) (source: [8]) (Jalpaiguri)
		56.	<i>Purpuricenens sanguinolentus</i> (Olivier, 1795) (Source: [2]) (North Bengal)
	Pyrestini	57.	<i>Erythrus bicolor</i> (Westwood, 1848) (Source: [2]) (Darjeeling)
		58.	<i>Pachylocerus crassicornis</i> (Olivier, 1795) (Source: [2]) (Calcutta)
	Epipedocerini	59.	<i>Epipedocera undulata</i> (Hope, 1837) (Source: [2]) (Darjeeling)
		60.	<i>Epipedocera zona</i> Chevrolat, 1863 (Source: [2]) (Darjeeling)
	Oabriini	61.	<i>Comusia bengalensis</i> (Fisher, 1940) (Source: [18], reported as <i>Oemospiloides bengalensis</i>) (Bagdogra, Kurseong, Bengal)
	Cleomenini	62.	<i>Paramimistena polyalthiae</i> Fisher, 1940 (Source: [18]) (Samsing, Kalimpong)
	Anaglyptini	63.	<i>Anaglyptus longispinis</i> Gardner, 1939 (Source: [4]) (Darjeeling)
	Callichromatini	64.	<i>Anubis inermis</i> (White, 1853) (source: [3]) (Jalpaiguri)
		65.	<i>Aphrodisium planicolle</i> Van de Poll, 1890 (Source: [2]) (Darjeeling)

		66.	<i>Aphrodisium robustum</i> (Bates, 1879) (Source: [2]) (Darjeeling)	
		67.	<i>Chloridolum nympha</i> (White, 1853) (Source: [2]) (Darjeeling)	
	Acanthocinini	68.	<i>Cristeryssamena cristipennis</i> Breuning, 1963 (Source: [15] reported as <i>Eryssamena (Cristeryssamena) ? cristipennis</i> Breuning) (Jalpaiguri)	
		69.	<i>Eoporis (Eoporimimus) differens</i> Pic, 1926 (Source: [15] reported as <i>Eoporis (Eoporimimus) ? differens</i> Pic) (Jalpaiguri)	
	Agapanthini	70.	<i>Ostedes (Trichostedes) assamana</i> Breuning, 1961 (Source: [16]) (Jalpaiguri)	
		71.	<i>Eucomatocera vittata</i> White, 1846 (Source: [15], [16]) (Jalpaiguri)	
		72.	<i>Pothyne distincta</i> Breuning, 1940 (Source: [12]) (Kurseong)	
	Apomecynini	73.	<i>Tetraglenes hirticornis</i> (Fabricius, 1798) (Source: [16]) (Jalpaiguri)	
		74.	<i>Ropica pseudosignata</i> Breuning 1938 (Source: [10]) (Bengal, Sunderbans)	
		75.	<i>Setoropica laosensis</i> Breuning, 1964 (Source: [15]) (Jalpaiguri)	
	Asthathini	76.	<i>Sybra elongatula</i> Breuning, 1938 (Source: [10]) (Darjeeling)	
		77.	<i>Astathes (Tetraophthalmus) gibbicollis</i> Thomson, 1865 (Source: [16]) (Jalpaiguri)	
	Batocerini	78.	<i>Astathes (Tetraophthalmus) violaceipennis</i> (Thomson, 1857) (Source: [16]) (Jalpaiguri)	
		79.	<i>Apriona cinerea</i> Chevrolat, 1852 (Source: [15]) (Jalpaiguri)	
		80.	<i>Batocera davidis</i> Deyrolle, 1878 (Source: [16]) (Jalpaiguri)	
	Ceroplesini	81.	<i>Batocera rufomaculata</i> (Degeer, 1775) (Source: [15]) (Jalpaiguri)	
		82.	<i>Diastraca wallichii</i> (Hope, 1831) (Source: [15],[16]) (Jalpaiguri)	
	Dorcascematini	83.	<i>Macrocamptus virgatus</i> (Gahan, 1890) (Source: [15]) (Jalpaiguri)	
		84.	<i>Olenecamptus anogeissi</i> Gardner, 1930 (Source: [15]) (Jalpaiguri)	
		85.	<i>Olenecamptus bilobus</i> (Fabricius, 1801) (Source: [15],[16]) (Jalpaiguri)	
		86.	<i>Olenecamptus dominus</i> Thomson, 1860 (Source: [16]) (Jalpaiguri)	
		87.	<i>Olenecamptus pseudostrigosus</i> Breuning 1937 (Source: [10]) (Samsing, Kalimpong)	
		88.	<i>Acalolepta griseipennis</i> (Thomson, 1857) (Source: [15],[16]) (Jalpaiguri)	
	Monochamini	89.	<i>Acalolepta laeviceps</i> Breuning 1937 (Source: [10], reported as <i>Dihammus laeviceps</i>) (Darjeeling)	
		90.	<i>Acalolepta scotti</i> (Breuning, 1936) (Source: [9], reported as <i>Dihammus scotti</i>) (Mungpoo)	
		91.	<i>Acalolepta tenuipes</i> (Breuning, 1938) (Source: [10], reported as <i>Dihammus tenuipes</i>) (Darjeeling)	
		92.	<i>Annamanum indicum</i> Breuning 1937 (Source: [10]) (Kalimpong : Samsing)	
		93.	<i>Aristobia approximata</i> (Thomson, 1865) (Source: [16]) (Jalpaiguri)	
		94.	<i>Blephephaeus succinator</i> (Chevrolat, 1852) (Source: [16]) (Jalpaiguri)	
		95.	<i>Epepeotes uncinatus</i> Gahan, 1888 (Source: [15] reported as <i>Epepeotes uncinatus salvazai</i> Pic) (Jalpaiguri)	
		96.	<i>Macrochenus guerinii</i> (White, 1858) (Source: [15], Reported as <i>Macrochenus guerini</i> White) (Jalpaiguri)	
		97.	<i>Macrochenus isabellinus</i> Aurivillius, 1920 (Source: [16]) (Jalpaiguri)	
		98.	<i>Monochamus gardneri</i> Breuning 1937 (Source: [10]) (Samsing, Kalimpong)	
		99.	<i>Paraleprodera insidiosa</i> (Pascoe, 1888) (Source: [16]) (Jalpaiguri)	
		100.	<i>Pharsalia pulchra</i> Gahan, 1888 (Source: [15], reported as <i>Pharsalia (Pharsalia) pulchra</i> Gahan) (Jalpaiguri)	
		101.	<i>Pharsalia (Cycos) subgenmata</i> (Thomson, 1857) (Source: [16]) (Jalpaiguri)	
		102.	<i>Pseudonemophas versteegi</i> (Ritsema, 1881) (Source: [15], reported as <i>Anoplophora (Anoplophora) versteegu</i> (Ritsema) afterwards [16]) (Jalpaiguri)	
	Mesosini	103.	<i>Aesopida malasiaca</i> Thomson, 1864 (Source: [16]) (Jalpaiguri)	
		104.	<i>Agelasta (Pseudagelasta) fallaciosa</i> Breuning, 1937 (Source: [10]) (Samsing, Kalimpong)	
		105.	<i>Coptops aedificator</i> (Fabricius, 1793) (Source: [16]) (Jalpaiguri)	
		106.	<i>Coptops leucostictica</i> White, 1858 (Source: [16]) (Jalpaiguri)	
	Saperdini	107.	<i>Glenea (Stirolene) andamanica</i> Breuning, 1958 (Source: [15]) (Jalpaiguri)	
		108.	<i>Glenea (Accolona) astathiformis</i> Breuning (Source: [15]) (Jalpaiguri)	
		109.	<i>Glenea (Stirolene) cantor</i> (Fabricius, 1787) (Source: [16]) (Jalpaiguri)	
		110.	<i>Glenea (Glenea) indiana</i> (Thomson, 1857) (Source: [16]) (Jalpaiguri)	
		111.	<i>Glenea (Glenea) pulchra</i> Aurivillius, 1926 (Source: [16]) (Jalpaiguri)	
		112.	<i>Glenea (Glenea) t-notata</i> Gahan, 1889 (Source: [16]) (Jalpaiguri)	
		113.	<i>Nupserha fricator</i> (Dalman, 1817) (Source: [16]) (Jalpaiguri)	
		114.	<i>Nupserha quadrioculata</i> (Thunberg, 1787) (Source: [16]) (Jalpaiguri)	
		115.	<i>Sibara tetraspilota</i> Hope, 1840 (Source: [16]) (Jalpaiguri)	
		116.	<i>Sibara tricolor</i> (Fabricius, 1792) (Source: [16]) (Jalpaiguri)	
	Obereini	117.	<i>Oberea yunnanensis</i> Breuning, 1947 (Source: [15]) (Jalpaiguri)	
	Xylorhizini	118.	<i>Thylactus sikkimensis</i> Breuning 1937 (Source: [10]) (Darjeeling)	
		119.	<i>Xylorhiza adusta</i> (Wiedmann, 1819) (Source: [16]) (Jalpaiguri)	
	Xenoleini	120.	<i>Hirtaeschopalea robusta</i> Breuning 1937 (Source: [10]) (Bengal)	
		121.	<i>Pterolophia bituberata</i> Breuning 1937 (Source: [10], [14]) (Darjeeling)	
	Pteropliini	122.	<i>Pterolophia (Hylobrotus) bituberculata</i> Breuning 1937 (Source: [10], [14]) (Kalimpong, Samsing)	
		123.	<i>Pterolophia consularis</i> Pascoe 1866 (Source: [14]) (Bengal)	
		124.	<i>Pterolophia (Ale) deformis</i> Breuning, 1938 (Source: [10]) (Samsing, Kalimpong)	
		125.	<i>Pterolophia granulosa</i> Breuning 1937 (Source: [10], [14]) (Darjeeling)	
		126.	<i>Pterolophia inexpectata</i> Breuning 1937 (Source: [10]) (Bengal)	
		127.	<i>Pterolophia (Hylobrotus) lateralis</i> Gahan, 1894 (Source: [16]) (Jalpaiguri)	
		128.	<i>Pterolophia (Ale) marmorata</i> Breuning 1937 (Source: [10], [14]) (Kurseong, Bagdogra)	
		129.	<i>Pterolophia nigricans</i> Breuning 1937 (Source: [10]) (Darjeeling: Rangirum)	
		130.	<i>Pterolophia nigrovirgulata</i> Breuning 1938 (Source: [10],[14]) (Darjeeling)	
		131.	<i>Pterolophia obscurata</i> Breuning 1937 (Source: [14]) (Darjeeling)	
		132.	<i>Pterolophia (Hylobrotus) obscuroides</i> Breuning 1937 (Source: [10]) (Kalimpong, Samsing, Darjeeling)	
		133.	<i>Pterolophia ochraceolineata</i> Breuning 1943 (Source: [14]) (Bengal)	
		134.	<i>Pterolophia (Ale) ochreomaculata</i> Breuning, 1940 (Source: [14]) (Darjeeling, Pedong)	
		135.	<i>Pterolophia persimilis</i> Gahan 1894 (Source: [14]) (Kurseong, Bagdogra Range)	
		136.	<i>Pterolophia pseudobscuroides</i> Breuning 1937 (Source: [10], [14]) (Darjeeling)	
		137.	<i>Pterolophia rufobrunnea</i> Breuning 1937 (Source: [10], [14]) (Kalimpong, Samsing)	
		138.	<i>Pterolophia sthenioides</i> Breuning 1937 (Source: [10], [14]) (Mungphu) (Mungpoo)	
		139.	<i>Pterolophia (Hylobrotus) tibialis</i> Breuning, 1937 (Source: [14]) (Kurseong, Darjeeling)	
		140.	<i>Pterolophia transversifasciata</i> Breuning 1937 (Source: [14]) (Bengal)	
		141.	<i>Pterolophia tuberculata</i> Breuning 1937 (Source: [14]) (Darjeeling)	
		142.	<i>Pterolophia (Lychrosia) zebra</i> (Pascoe, 1858) (Source: [14]) (Darjeeling)	
		Pogonocherini	143.	<i>Exocentrus (Pseudocentrus) alni</i> Fisher, 1932 (Source: [13]) (Darjeeling)

		144.	<i>Exocentrus explanatidens</i> Pic 1930 (Source: [13]) (Kurseong)
		145.	<i>Exocentrus (Pseudocentrus) flemingiae</i> Fisher, 1932 (Source: [13]) (Pedong)
	Ceroplesini (Crossotina)	146.	<i>Moechotypa sikkimensis</i> Breuning, 1936 (Source:[9].) (Pedong , Darjeeling)

New records to the state

Figure

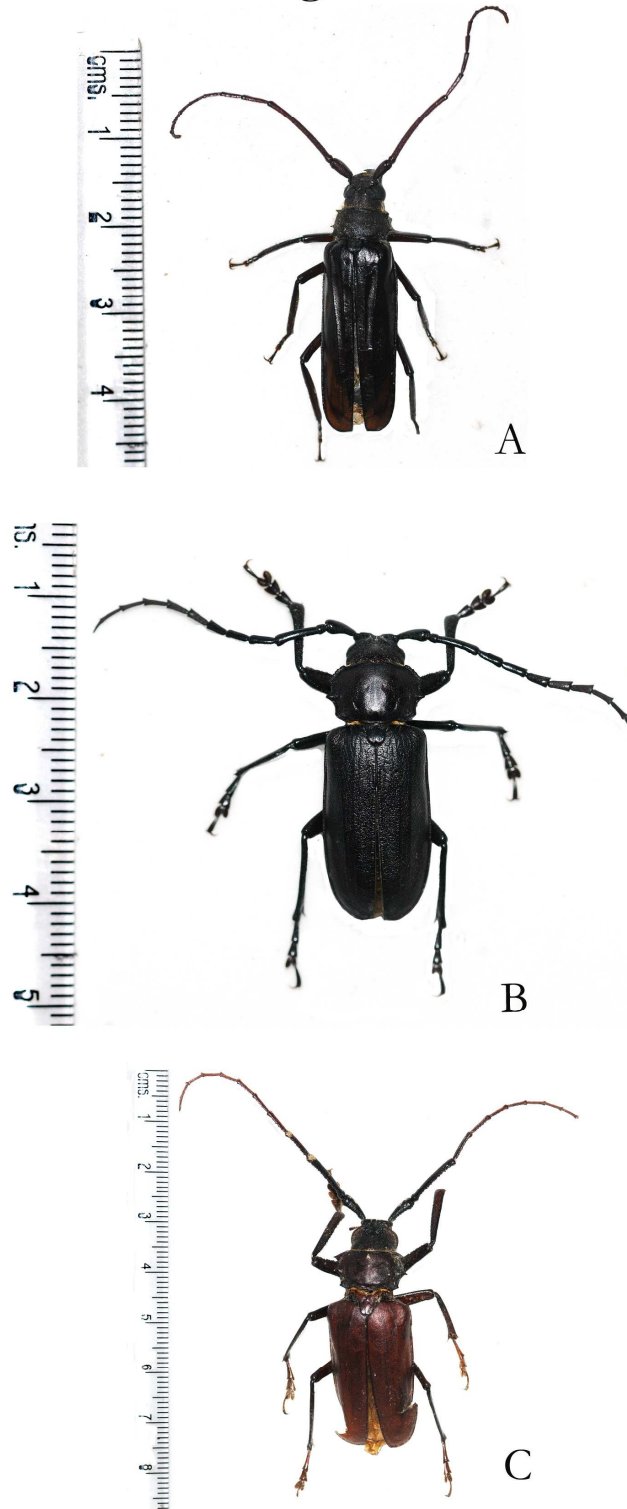


Figure: Showing Dorsal View A. *Spinimegopsis tibialis* (White, 1853), B. *Dorysthenes (Lophosternus) indicus* (Hope, 1831), C. *Dorysthenes (Paraphrus) granulatus* (Thomson, 1861)

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