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First report of *Macrochenus guerinii* (White 1858) (Cerambycidae: Lamiinae) from Maharashtra, India

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ABSTRACT: The occurrence of *Macrochenus guerinii* (White 1858) (Lamiinae: Cerambycidae) is reported for first time from Maharashtra, India. © 2019 Association for Advancement of Entomology

KEY WORDS: *Macrochenus guerinii,* Cerambycidae, Maharashtra

Indian Cerambycidae comprise 1536 species and 440 genera under 7 subfamilies (Kariyanna *et al.,* 2017). The state of Maharashtra represented by 68 species of Cerambycidae (Ghate, 2012). *Macrochenus guerinii* (White 1858) (Lamiinae; Cerambycidae) was collected from light source of college campus of R.B.M. Mahavidyalya, Chandgad, Maharashtra (latitude 15° 57. 493' N and longitude 74°10. 028'E). Apart from referring to Kumawat *et al.* (2015) and *http://www.cerambycoidea.com* for identification, the identity of the insect was confirmed by Dr. Hemant Ghate. The description of *M. guerinii* in this study is as follows-

Macrochenus guerinii (White, 1858)
(Plate 1 A - D and Plate 2 E - F)

Pelargoderus guerinii White, 1858 *Ann. Mag. Nat. Hist*. **3**, 2: 274.

Specimens examined: One female, 3.v.2017, light trap, R. B. M. Mahavidyalya Chandgad, (elevation 710m), Kolhapur, Maharashtra, India, Coll. S. V. More, identified by Dr. Hemant Ghate (host plant unknown)

Adult (female): Body length: 23.8mm; width: 4.8mm. Head gray covered with scattered few gray hairs with 4 parallel black stripes; the 2 dorsal black stripes present behind each basal segment of antennae, other 2 black stripes present in the lateral side of each eye (plate 1. A, C, D and E), a triangular black spot present between the eye (plate 1. D), Antennae black covered with grayish white colour hairs, the basal joint of each antennae very small as compared to other segments, the apical segment longer than segment number 8 and 9 and the tip slightly pointed. Vertex gray without puncture , pronotum gray without spine, and longer than head, covered with 4 parallel black stripes, dorsal 2 black stripes extending to the basal segment of each antennae and lateral stripes joined to the each eye, and its prosternum black colour, discrimen gray and black stripe present on metaventrite; the elytron gray coloured with large black spots on its

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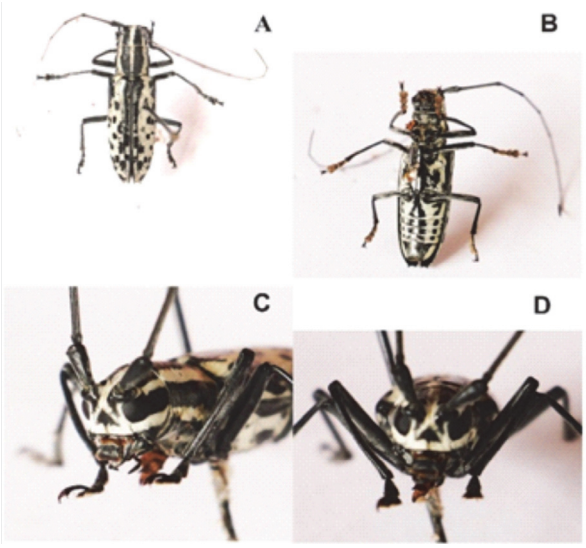

Plate 1. *Macrochenus gurini* - Morphology

A: dorsal view; B: ventral view; C: head lateral view; D: head front view

anterior margin or near the base of each elytron and one on the middle, remaining portion covered with small, slightly large, circular, semicircular spots scattered in irregular shape (Plate 1 A), scutellum semicircular gray, apex of each elytron blunt with spines. Abdomen ventrite gray, with parallel black stripes; maximum area of ventrite five covered with black colour (Plate 1 B). Legs black, tarsus brownish; claws widely separated and covered with brownish hairs with blunt spine present on dorsal surface of each tibia.

Distribution: Bangladesh, Laos, Myanmar, Nepal, Thailand, Vietnam China and India (Assam, Meghalaya, Sikkim, Tripura West Bengal and Arunachal Pradesh).

Remarks: This is the first report on the occurrence of *Macrochenus guerinii* from Maharashtra.

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Plate 2. *Macrochenus gurini* - Morphology

E: lateral view details; F: head details

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