



## Report of *Celosterna scabrator* (Fabricius, 1781) (Coleoptera: Cerambycidae: Lamiinae) from Goa, India

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**ABSTRACT:** *Celosterna scabrator* (Cerambycidae, Lamiinae) is reported from Goa for the first time. The diagnostic characteristics, colour images and geographical distribution of *C. scabrator* are given. © 2019 Association for Advancement of Entomology

**KEY WORDS:** Lamiinae, *Celosterna scabrator*, Goa

Insect diversity of Goa state is very poorly studied as compared to adjoining states of Maharashtra and Karnataka, where good amount of information has been generated on species diversity of class Insecta. Perusal of literature revealed that most studies were carried out in orders Odonata, Lepidoptera and Mantodea (Rangnekar *et al.*, 2010; Vyjayandi *et al.*, 2010; Gaude and Janarthanam, 2015 and D'Souza and Pai, 2019) and the rest of orders of class Insecta were ignored by researchers especially on the family Cerambycidae of order Coleoptera. According to recent publication, the Goa state represents 2 subfamilies, 2 tribes and 3 genera of family Cerambycidae and its species composition against India is 0.1% during the year 1758 to 2016 (Kariyanna *et al.*, 2017a). Sen *et al.* (2005) have reported two cerambycids from Goa. As compared to Maharashtra and Karnataka state were represents 3.1% and 5.9% species respectively, the species composition against India during the year 1758 to 2016 (Kariyanna *et al.*, 2017a). The genus *Celosterna* composed of only two species in India (Kariyanna *et al.*, 2017b) of

them no earlier record from Goa. The species *Celosterna scabrator* is widely distributed and is a very common in India and another one *Celosterna fabricii* is very rare and it is only known from Tamil Nadu. The morphological character of *C. scabrator* is presented in this communication and is being reported for the first time from Goa.

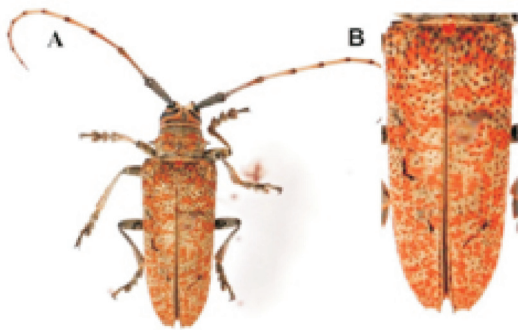
*Celosterna scabrator* (Fabricius, 1781) (Image 1 and 2)

*Lamia scabrator* Fabricius, 1781: 224; Zimsen, 1964: 167 (Type).

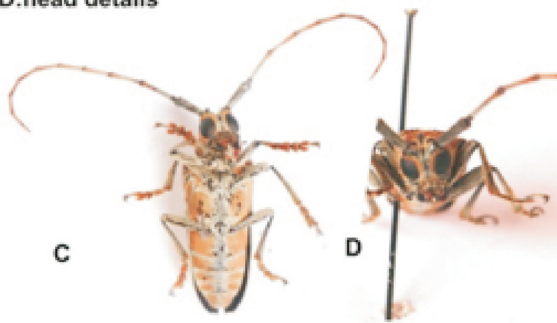
**Specimens examined:** One male, 26.iv.2018, Sal-Goa (latitude 15° 57' 493" N and longitude 74° 10' 028" E), Coll. S. V. More, Collected from arjun tree (*Terminalia arjuna*), identified by Dr. Hemant Ghate

Adult (male): Body length: 24.4mm; width: 5.3mm. Generally, body colour dark brown, yellow to black. Head gray to brown, vertical, covered with yellow brown colour pubescence, front view of head

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**Image 1. *Celosterna scabrator* Morphology**  
A: dorsal view; B: elytra details; C: ventral view;  
D: head details



**Image 2. E: lateral view;**  
F: head details (front  
view details)  
G: antennae details



brownish to yellow (image 2. F), antennae longer than body, covered with brownish pubescence, scape thick, slender, with slightly gray in colour, remaining antennomeres covered with brownish pubescence and nitid, apical segment short and pointed (image 2. G). Thorax dark gray to brown in colour, with lateral pointed spine, not smooth, with thin punctured, longer than head, vertex brown in colour without punctured, black line extending from vertex and run between upper lobes of eyes and reach below the frons (image 1 and 2. C, D and F). Elytra dark brown, clothed with reddish brown pubescence, thickly punctured on base, large punctured on each humerus and surrounding the scutellum, less punctured at apical area of each elytron, with apical blunt spine, scutellum reddish-brown, 'U' shaped or tongue like (image 1. B). Legs are brownish in colour, claws widely separated with reddish- brown. Abdomen ventrite visible, covered with brownish pubescence, ventrite 1, 2 and 5 occupy large space as compared to ventrite 3 and 4 occupy about equal space (image 1. C). The mesoventrite, metanepisternum and metaventrite without spot and covered with brownish pubescence (image 1. C).

**Distribution:** Pakistan, Ceylon, Nepal, Vietnam Laos, and India (Tamil Nadu, Maharashtra, Orissa, Chhattigarh, Karnataka, Himachal Pradesh Bengal and Uttar Pradesh).

**Remarks:** This communication provided here is additional geographical distribution of *C. scabrator* from India.

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