

Rec. zool. Surv. India: 107(Part-4): 127-128, 2007

Short Communication

FIRST RECORD OF *ORASEMA DELHIENSIS* NARENDRAN AND GIRISH KUMAR (HYMENOPTERA : EUCHARITIDAE) FROM UTTAR PRADESH, INDIA

INTRODUCTION

The species *Orasema delhiensis* Narendran and Girish Kumar is so far reported from New Delhi only (Narendran & Girish Kumar, 2005). Thus, this communication is intended to report the extended distribution of this taxon in the Uttar Pradesh state.

Orașema delhiensis Narendran and Girish Kumar

2005. Orasema delhiensis Narendran and Girish Kumar. Ecobios, 3(1 & 2): 10-14.

Type locality: New Delhi.

Material examined: 1 female, Meerut, Uttar Pradesh, India, 6.iv.2006, S.I. Kazmi & Party (Deposited at Hymenoptera Section, Zoological Survey of India, Kolkata. Reg. No. 9958/H3).

Diagnosis: This species differs from other species in the assectator-group of Orasema Cameron by length 2.75–3.16mm; head, mesosoma and petiole with metallic green reflections; gaster, all coxae and all femora except at apices with faint metallic reflections; lateral ocellar length 0.75–0.94x ocellocular length; temple relatively broad and reticulate; scutellum distinctly longer than broad and all coxae reticulate.

Variation: This female specimen showing variations from type specimen in the following characters: Length 2.75 mm (in type specimen length 3.16 mm); head, mesosoma and petiole with strong metallic green reflections (in type specimen head, mesosoma and petiole with slight metallic green reflections); gaster, all coxae and all femora except at apices with slight metallic green reflections (in type specimen metallic green reflections not so pronounced at gaster, all coxae and all femora); scape brownish yellow (in type specimen scape yellowish brown); ocelli reflecting blackish brown (in type specimen ocelli reflecting pale yellowish white); mandibles yellow with brownish tinge at margins (in type specimen mandibles yellowish brown); all apical tarsomeres

128 Rec. zool. Surv. India

yellowish brown (in type specimen all apical tarsomeres brownish yellow); head 1.14x as broad as mesosoma (in type specimen head 1.25x as broad as mesosoma); lateral ocellar length 0.75x ocellocular length (in type specimen lateral ocellar length 0.94x ocellocular length); malar space 0.69x height of eye (in type specimen malar space equal to height of eye); upper mesepimeron finely reticulate with a smooth antero-ventral area (in type specimen upper mesepimeron more glabrate with reticulations); hind femur glabrate to aciculate medially (in type specimen hind femur more or less glabrate); forewing 2.33x as long as mesosoma (in type specimen forewing 2.22x as long as mesosoma); first gastral tergite 1.36x as long as hind femur (in type specimen ovipositor exerted).

Male: Unknown.

Host: Unknown.

Biology: Unknown.

Distribution: India: New Delhi (near Saptharjung airport), Uttar Pradesh (Meerut).

Remarks: This is the first report of the species from Uttar Pradesh state and the second report from India.

ACKNOWLEDGEMENT

The authors are grateful to the Director, Zoological Survey of India, Kolkata for providing necessary facilities for completion of this work.

REFERENCES

Narendran, T.C. and Girish Kumar, P. 2005. Description of a new species and a key to species of *Orasema* Cameron (Hymenoptera: Eucharitidae) from India. *Ecobios*, 3(1 & 2): 10-14.

GIRISH KUMAR, P., SHEELA, S. AND
KAZMI, S. I.
Zoological Survey of India,
New Alipore, Kolkata-700 053,
India