

## NEW RECORD OF *STILBULA TANJORENSIS* (MANI & DUBEY) (HYMENOPTERA: EUCHARITIDAE) FROM KERALA, INDIA

P. Girish Kumar<sup>1</sup> and T.C. Narendran<sup>2</sup>

<sup>1</sup> Zoological Survey of India, M-Block, New Alipore, Kolkata, West Bengal 700053, India

<sup>2</sup> Systematic Entomology Laboratory, Department of Zoology, University of Calicut, Kerala 673635, India

Email: <sup>1</sup> k\_p\_girish@yahoo.co.in; <sup>2</sup> drtcnarendran@yahoo.com

The species *Stilbula tanjorensis* (Mani & Dubey) is so far reported from Tamil Nadu (Mani & Dubey, 1974; Heraty, 2002). This short communication is intended to report the extended distribution of this taxon in Kerala state.

### *Stilbula tanjorensis* (Mani & Dubey)

(Figs. 1-5)

*Schizaspidia tanjorensis* Mani & Dubey in Mani et al., 1974. *Memoirs of the School of Entomology* No. 3: 39-41.

**Type data:** India: Tamil Nadu; Tanjore.

**Holotype:** Female (USNM, Type No. 76244), by original designation.

Description of both sexes illustrated.

*Stilbula tanjorensis* (Mani & Dubey), comb. nov. by Hedqvist, 1978: 247.

**Additional citations:** Narendran & Sheela, 1996: 73 (in key), Heraty, 2002: 256 (in catalog) and Girish Kumar & Narendran (in checklist, in press).

**Material examined:** 25.xi.2003, 4 males, Manjeri, Malappuram district, Kerala, India (11°7'N - 76°7'E), Sheeba M., 10031/H3 (illustration provided), 10032/H3, 10033/H3 and 24.x.2004, 10034/H3; 28.vi.1999, 1 male, Thrissur, Kerala, India (10°31'N - 76°13'E), Priya Menon, 10035/H3; 16.vii.2001, 1 male, Calicut University Campus, Malappuram district, Kerala, India (11°7'N - 75°5'E), Sudheer K., 10036/H3. All specimens are deposited in the Hymenoptera Section, Zoological Survey of India, Kolkata (NZSI).

**Diagnosis:** This species differs from all other species of *Stilbula* Spinola in the following combination of characters: Posterior process of scutellum with a slender elongated stalk (Fig. 5); stigmal vein distinct; mesopleuron with a large smooth area; gastral petiole with a dark ring medially in female and submedially in male and gastral petiole shorter than remaining part of gaster.

**Host:** Unknown.

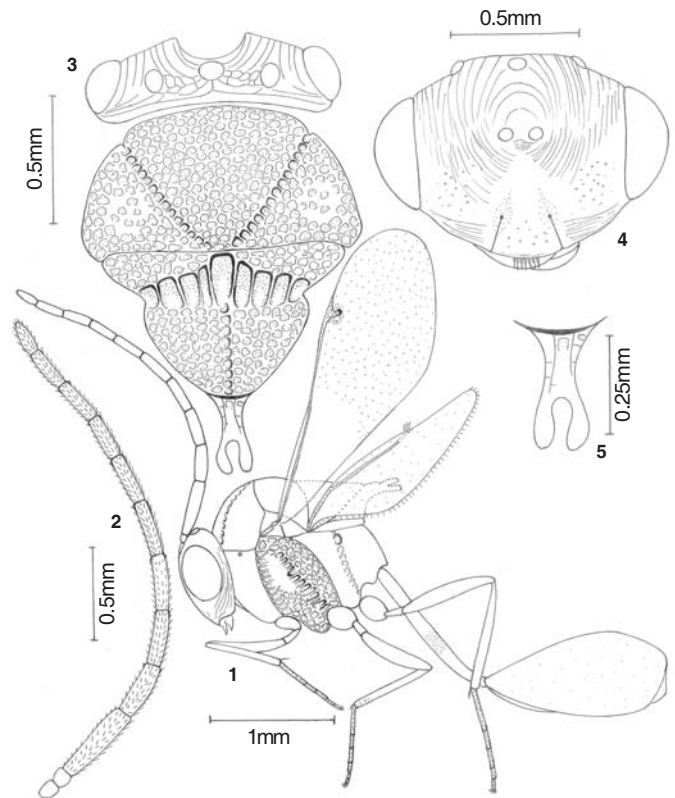
**Biology:** Unknown.

**Distribution:** India: Kerala (Calicut University Campus, Manjeri, Thrissur), Tamil Nadu (Tanjore, Coimbatore, Nilgiri Hills).

**Remarks:** This is the first report of the species from Kerala.

### REFERENCES

Girish Kumar, P. & T.C. Narendran (In press). A new species of *Stilbula* Spinola (Hymenoptera: Eucharitidae) from Karnataka (India) along with a checklist of species of Indian subcontinent. *Malabarica*.



**Figures 1-5. *Stilbula tanjorensis* (Mani & Dubey) Male**  
1 - Body profile; 2 - Antenna; 3 - Head front view; 4 - Head and Mesosoma dorsal view; 5 - Scutellar teeth

Hedqvist, K.J. (1978). Some Chalcidoidea collected in the Philippines, Bismark and Solomon Islands, II Eucharitidae, with keys and check-lists to Indo-Australian genera (Insecta, Hymenoptera). *Steenstrupia* 4: 227-248.

Heraty, J.M. (2002). A revision of the genera of Eucharitidae (Hymenoptera: Chalcidoidea) of the world. *Memoirs of the American Entomological Institute* 68: 1- 367.

Mani, M.S., O.P. Dubey, B.K. Kaal & G.G. Saraswat (1974). Description of some new species and new records of some known Chalcidoidea (Hymenoptera) from India. *Memoirs of the School of Entomology* 3: 1-108.

Narendran T.C. & S. Sheela (1996). Descriptions of three new species of Oriental *Stilbula* Spinola (Hymenoptera: Eucharitidae) with a key to Indopacific species. *Entomon* 21(1): 65-75.

### ACKNOWLEDGEMENTS

The authors are grateful to the University of Calicut for providing facilities to do this work. The first author is also grateful to the Director, Zoological Survey of India, Kolkata for providing facilities and encouragements.

