

RECORDS OF SOME ENCYRTIDAE (HYMENOPTERA: CHALCIDOIDEA) FROM TAMIL NADU, INDIA

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In this brief communication, we record five species of Encyrtidae, based on specimens collected in the southern Indian state of Tamil Nadu. Of these five species, two are new records for the State and one is a new record from India. All the specimens listed below are retained in Hayat's collection (Aligarh).

Anagyrus gracilis (Hayat)

Specimen examined: One female (on slide), x.1999, TNAU, Coimbatore, Tamil Nadu, India, Coll. S. Suresh.

Bothriophryne pulvinariae Agarwal *et al.*

Specimens examined: Two females (one female on slide), x.1999, ex. Anona scale, Botanical Gardens, TNAU, Coimbatore, Tamil Nadu, India, Coll. S. Suresh.

Remarks: This species was known from specimens collected in Kota and Udaipur (Rajasthan) (see Hayat, 1999).

Caenohomalopoda koreana Tachikawa *et al.*

Specimens examined: Five females (two females on slide), x.1999,

Valaiyar, Tamil Nadu, India, Coll. S. Suresh.

Remarks: This species was known earlier only from Korea. The Indian specimens referred to this species agree fairly well with the original description and figures given by Tachikawa *et al.* (1981). This is the first record of *C. koreana* from India.

Coccidoctonus terebratus (Hayat *et al.*)

Specimens examined: Two females, x.1999, Gethe, Ooty, Tamil Nadu, India, Coll. S. Suresh.

Remarks: This species was originally described by Hayat *et al.* (1975) in the genus *Echthroplexis*, but was later correctly transferred to *Coccidoctonus*, by Noyes and Hayat (1984). The type specimens were collected more than 30 years ago from Ranipet (Tamil Nadu) from a species of mealy bug (*Nipaecoccus viridis*), which is most likely its secondary host.

Neocharitopus orientalis (Agarwal)

Specimens examined: Seven females and one male (one female and one male on slides), x.1999, Anaikatty, Tamil Nadu, India, Coll. S. Suresh.

Remarks: This species was earlier known only from Aligarh (Uttar Pradesh).

References

- Hayat, M. (1999). Taxonomic notes on Indian Encyrtidae (Hymenoptera: Chalcidoidea)-V. *Oriental Insects* 33: 349-407.
- Hayat, M., S.M. Alam and M.M. Agarwal (1975). *Taxonomic Survey of Encyrtid Parasites (Hymenoptera: Encyrtidae) in India*. Aligarh Muslim University Publishers (Zoological Series) Indian Insect Types, 9: iii+112pp.
- Noyes, J.S. and M. Hayat (1984). A review of the genera of Indo-Pacific Encyrtidae (Hymenoptera: Chalcidoidea). *Bulletin of the British Museum of Natural History (Entomology)* 48: 131-395.
- Tachikawa, T., W.H. Paik and J.C. Paik (1981). A new species of the genus *Caenohomalopoda* Tachikawa (Hymenoptera: Encyrtidae) parasitic on *Odonaspis secreta* (Homoptera: Diaspididae) from Korea. *Transcriptions of the Shikoku Entomological Society* 15: 183-186.

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Name of the Project
Microfungi of *Acacia* species

Qualifications

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