# Bajamaria subgen. n. of the genus Incisencyrtus from the Canarian island Tenerife (Hymenoptera: Encyrtidae)

## V.A. Trjapitzin

Trjapitzin, V.A. 2005. Bajamaria subgen. n. of the genus Incisencyrtus from the Canarian island Tenerife (Hymenoptera: Encyrtidae). Zoosystematica Rossica, 14(1):153-154.

Bajamaria subgen. n. of the genus Incisencyrtus Prinsloo is established, with the type species Dicarnosis canariensis Mercet from the Canarian island Tenerife. A key to world species of Incisencyrtus is given.

V.A. Trjapitzin, Zoological Institute, Russian Academy of Sciences, Universitetskaya nab. 1, St. Petersburg 199034, Russia, and Centro de Investigación, U.A.M. Agronomí a y Ciencias, Universidad Autónoma de Tamaulipas, Cd. Victoria, Tam. 87149, Mexico.

The systematic position of the curious encyrtid Dicarnosis canariensis Mercet, 1923 was uncertain many years. The species has been described from Tenerife (Mercet, 1923) and was since not found elsewhere. Kerrich (1974) and Noyes (1981) were of opinion that it was misplaced in the genus Dicarnosis Mercet, 1921. Noves (op. cit.) wrote that D. canariensis very probably must belong to an undescribed genus of Encyrtidae. Trjapitzin (1989) did not include it in his key to Palaearctic species of *Dicarnosis*.

Prinsloo (1988) described from Tropical and South Africa and from Madagascar a new encyrtid genus *Incisencyrtus*, which belongs to the subfamily Tetracneminae, tribe Aenasiini. This genus is remarkable for the incision of the anterior margin of the anterior wing. A similar incision is characteristic of Dicarnosis canariensis, but it is absent from all true species of *Dicarno*sis, being a rather rare feature among Encyrtidae. So, it seems possible to include D. canariensis in the genus Incisencyrtus. However, this Canarian species differs from all three Afrotropical species of Incisencyrtus in the structure of its head, what permits the establishment here of a new subgenus for it. During my visit to Madrid in 1993, I had an opportunity to examine the holotype of D. canariensis preserved in the National Museum of Natural Sciences. It was collected 15.III.1903 at Bajamar, Tenerife, Canary

### Bajamaria subgen. n. (of *Incisencyrtus*)

Type species: Dicarnosis canariensis Mercet, 1921. Description. Body compact. Frontovertex broad, not sloping strongly downwards, without coarse punctation (as well as face). Scape of antenna very broad, lamelliform; funicle 6-segmented; clava white. Head and body non-metallic: head yellowish brown, body dark. Forewing with an incision at base of punctiform marginal vein; postmarginal and stigmal veins long; alar disc strongly infuscated. Mesotibial spur short. Pygostyli near base of gaster. Ovipositor sheaths not protruding.

*Comparison.* Differences of the new subgenus of Incisencyrtus from the nominotypical one are shown in the following key.

#### Key to species of the genus *Incisencyrtus* (females)

- 1(2). Antennal clava white. Head yellowish-brown, without coarse punctation; frontovertex not sloping strongly downwards. (Subgenus Bajamaria). ♀ 1.15 mm. – Canary Islands (Tenerife) . . . . . . . . . ..... I. canariensis (Mercet, 1923), comb. n.
- 2(1). Antennal clava dark. Head black with coarse pitlike punctation; frontovertex sloping strongly downwards. (Subgenus Incisencyrtus).
- 3(4). Antennal scape about as long as pedicel and the entire funicle together; 1st funicular segment almost equal in length to the 2nd. 9 1.4-2.3 mm. - Zimbabwe, Republic of South Africa ...
- ..... I. afer Prinsloo, 1988 4(3). Antennal scape about as long as pedicel and basal four funicular segments together; 1st funicular segment plainly shorter than the 2nd.
- 5(6). Facial impression of head relatively shallow, the interscrobal prominence weakly developed so that the anterior margin of head in dorsal view is only slightly concave and the prominence not visible. Antenna of macropterous individuals entirely black. 9 1.6 mm. -Nigeria..... I. sirus Prinsloo, 1988
- 6(5). Facial impression of head fairly deep, the interscrobal prominence well developed and distinctly convex so that the anterior margin of head in dorsal view is strongly concave medially with the upper limit of the prominence clearly visible; antenna of macropterous individuals with scape and pedicel largely yellowish brown. ♀ 1.2-1.8 mm . . . . . . I. secus Prinsloo, 1988

#### Acknowledgements

I thank Drs. E. Mingo-Pérez, V. Llorente del Moral and I. Izquierdo for the opportunity to work in National Museum of Natural History, Madrid, and Dr. J.S. Noyes from Museum of Natural History, London, for reading the manuscript and its improvement.

#### References

Kerrich, G.J. 1974. On the differences between the encyrtid genera *Dicarnosis* Mercet and *Comperia* Gomes, and the designation of a neotype of *Aminellus* Masi (Hym., Chalcidoidea). *J. Entomol.* (B), 43(1): 103-107.

- Mercet, R.G. 1923. Encí rtidos de Canarias. Bol. r. Soc. Esp. Hist. natur., 23: 138-145.
- Noyes, J.S. 1981. On the types of the species of Encyrtidae described by R.G. Mercet (Hymenoptera, Chalcidoidea). *Eos*, **55-56**: 165-180.
- Prinsloo, G.L. 1988. A review of the encyrtid wasps tribe Aenasiini, with descriptions of new Afrotropical taxa (Hymenoptera: Chalcidoidea). J. natur. Hist., 22: 1965-1982.
- **Trjapitzin, V.A.** 1989. Parasitic Hymenoptera of the fam. Encyrtidae of Palaeartics. *Opredeliteli po Faune SSSR*, **158**. Leningrad: Nauka. 488 p. (In Russian with English summary).

Received 8 April 2005