

Notes on Chalcidoidea. II

Chalcids reared from *Chionaspis salicis* L.

By

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From *Chionaspis salicis* L. a very common coccid in Sweden, the author has reared the following species.

Encyrtidae

Thomsonisca chinaspidis sp.n. (fig. 1)

Female. Dark brown. Antennae light brown. The legs have following colours:

- I. Coxa of the same colour as the body, femora dirty yellowish white with a shade of dark brown in the middle. Tibia yellowish white with basal part dark; tarsus has the same colour with claw-joint dark.
- II. Coxa dark brown. Femora dirty yellowish white with a dark shade in the middle, knee dirty white. Tibia basally and distally pale yellowish white, dark annulated almost terminally. Tarsus yellowish white, claw-joint dark.
- III. Coxa, trochanter, femora and knee dark brown. Tibia dirty brown, distally and terminally yellowish white. Tarsus yellowish white, claw joint dark brown.

Head and thorax except scutellum lenticular. Antennae inserted below level of the eyes. Mandibles with 2 teeth (fig. 1, f.). Scape (fig. 1, g.) almost linear, pedicel more or less pear-shaped, first funicle joint not much longer than pedicel, funicular joints 2—5 of equivalent length longer than first and last funicle joints. Clava almost as long as the two last funicle joints. Scutellum reticulate. Legs relatively slender (fig. 1, b, d, e). Ovipositor $\frac{1}{3}$ of abdomen. Length of marginalis (fig. 1, k.) greater than breadth, not punctiform. Speculum missing.

Length 0,8—1 mm.

Male unknown.

Holotype and 7 paratypes in author's collection. Reared from *Chionaspis salicis* L. living on aspen. Vallentuna, province of Uppland (reared in the winters of 1957 and 1958).

Entomol. Ts. Årg. 79. H. 1-2, 1958

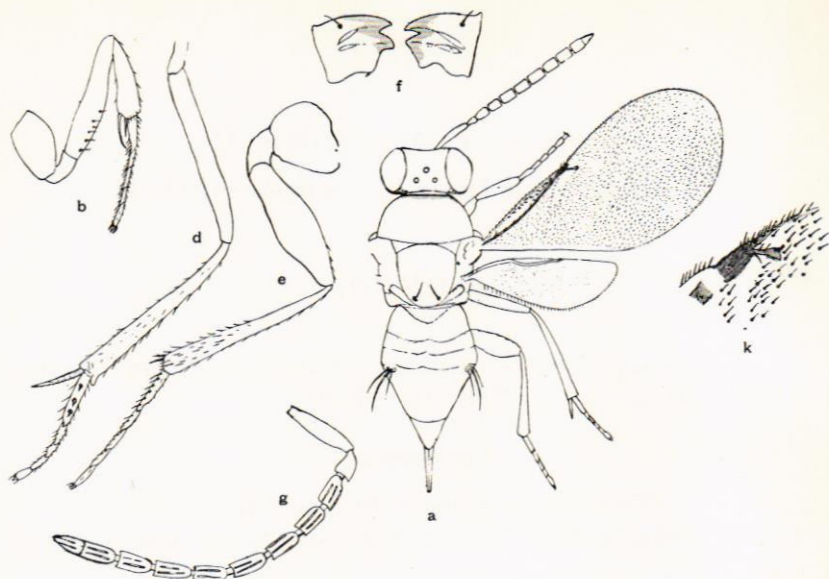


Fig. 1. *Thomsonisca chionaspidis* sp. n., a. female, b. fore leg, d. medio leg, e. hind leg, f. mandibles, g. antennae, k. marginalis and stigmalis.

This species differs from *Thomsonisca typica* Merc. having longer ovipositor, another colour of legs and shorter marginalis.

Apterencyrtus microphagus Mayr. (fig. 2)

Six females reared from *Chionaspis salicis* L. Vallentuna, province of Uppland (reared in the winters of 1957 and 1958).

Aphelinidae

Aphytis maculicornis Masi. (fig. 3)

This species was reared in a great number of specimens from Vallentuna, province of Uppland (winters of 1957 and 1958) and from Granö, province of Västerbotten (spring 1957).

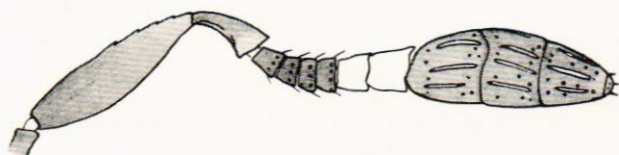


Fig. 2. *Apterencyrtus microphagus* Mayr., antenna of the female. *Entomol. Ts. Årg. 79. H. 1-2, 1958*

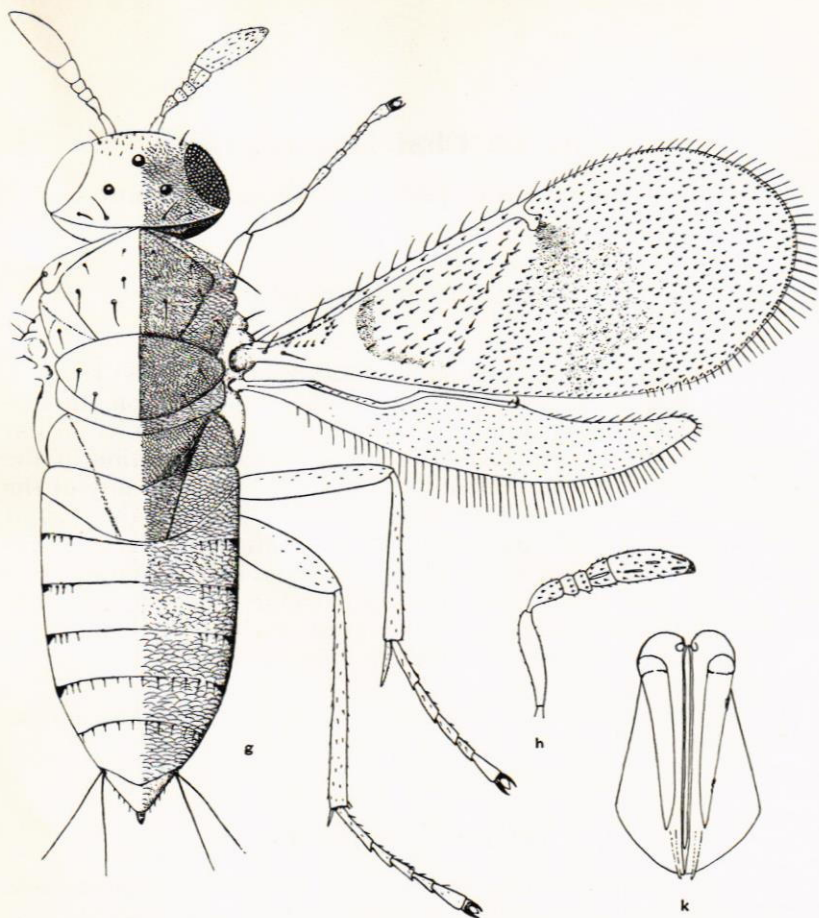


Fig. 3. g. *Aphytis maculicornis* Masi. female, h. antennae, k. genitalia of the female.

Referring to Compere, Systematics of the Genus *Aphytis* Howard.-Univ. Calif. Publ. Ent. 1955, the name of *A. maculicornis* is preferably applied for the specimens until a revision of this difficult genus has been made.

In the literature reported as parasite on *Aspidiotus hederæ* Vall., *Chrysomphalus dictyospermi* Morg. and *Parlatoria pergander* Comst.