

Two new species of *Aspilota* Först. (Hym., Ichneumonoidea, Braconidae, Alysiiinae)

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Fischer (1972) has revised the genus *Aspilota* Först. and he gives a key to the known species of the Palaearctic region. It seems that *Aspilota* Först. is very rich in species. Most of them are probably parasites of small flies belonging to the families *Phoridae*, *Muscidae*, *Agromyzidae* but also *Lepidoptera* and *Coleoptera* are mentioned as hosts.

The author has started to study the Swedish species of *Aspilota* Först. and the following species are found to be new to science.

Aspilota nidicola sp.n.

♀. Blackish brown with legs, mandibles and palpi yellow—yellowish brown. Tegulae and scapus and pedicellus dark yellowish brown. Wing veins brown.

Head (fig. 1 A, B) nearly rectangular in frontal view, in dorsal view nearly triangular. Clypeus fovea (Paraclypealgrube by Fischer (1972)) reaching anterior margin of the eye. Mandibles a little longer than wide at the base. Teeth 1 and 3 equal and tooth 2 strongest. Antennae with 20 joints and inserted nearer to median ocellus than to the base of clypeus. The whole head smooth with scattered hairs on the face. Ocelli in equilateral triangle. Space between antennal sockets much shorter (nearly twice) than the distance between one socket and the eye. Thorax smooth without a pit on the mesoscutum and mesoscutum with few scattered hairs along the imagined notauli. Propodeum (fig. 2 C) with a short median carina ending on a pentagonal areola. The carinae strongly raised. First tergite a little more than twice as long as broad at posterior margin. Gaster (fig. 2 B) a little longer than thorax + head. Terebra as short as half hind femur. Wings see fig. 2 A.

♂. Unknown.

Length: ♀ 2.6 mm.

Holotype: in coll. mea, Östergötland, Åndebol, X.1964, leg. K.-J. Hedqvist.

Paratype: 1 ♀. In coll. mea and from the same locality as holotype.

Both above specimens collected in a nest of *Paravespula vulgaris* (L.).

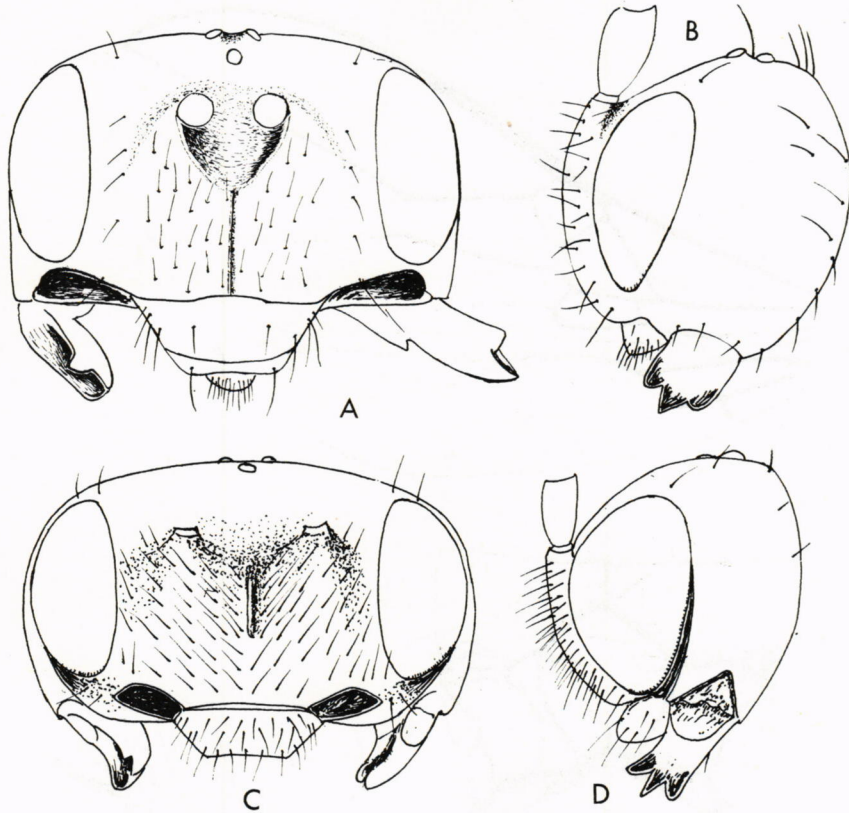


Fig. 1. *Aspilota nidicola* sp.n., female. — A. Head in frontal view and B. Head in lateral view. *Aspilota necrophila* sp.n., female. — C. Head in frontal view and D. Head in lateral view.

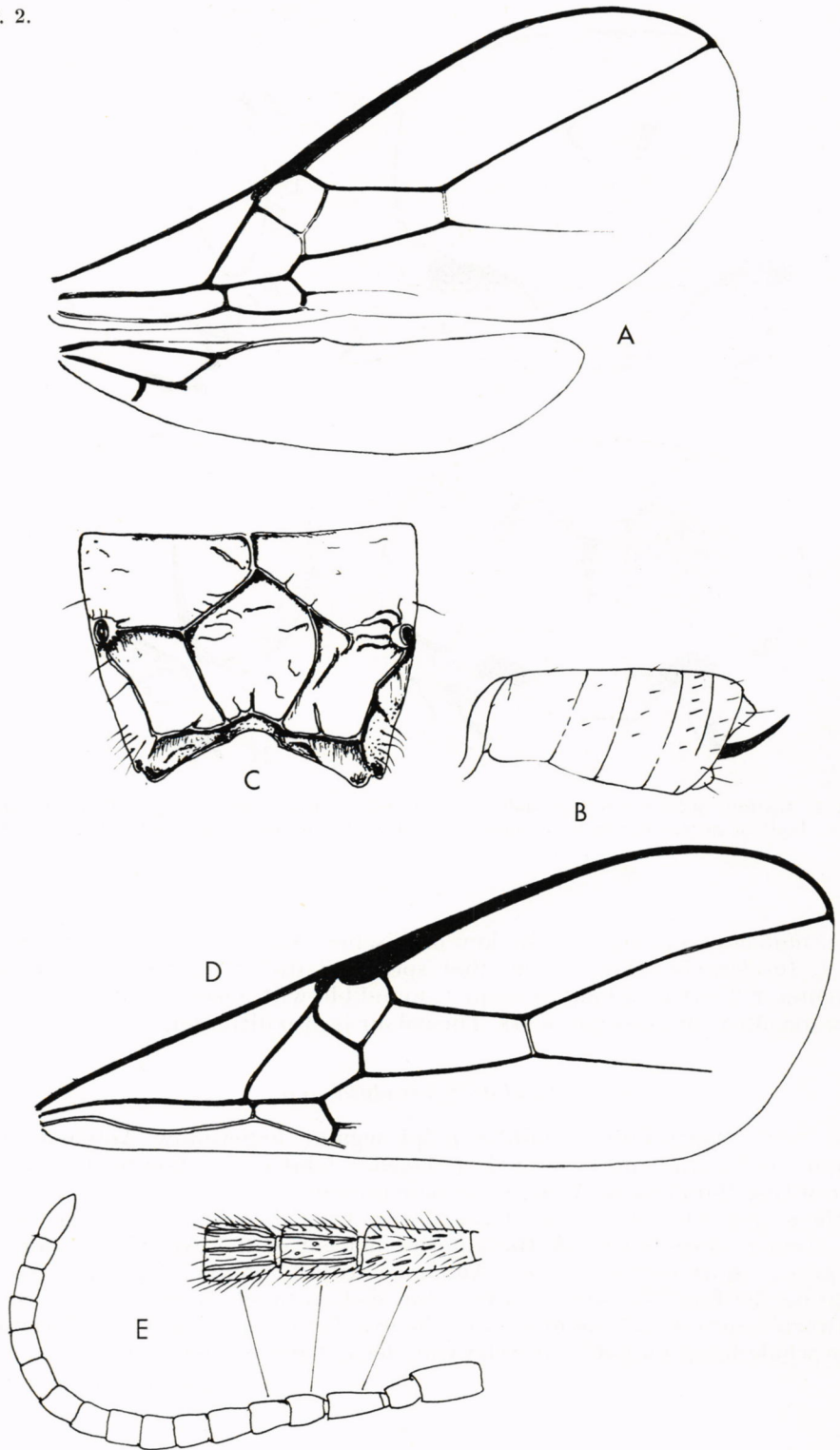
A. nidicola sp.n. runs in the key of Fischer (1972) to *lobidens*-group and to *A. fuscicornis* (Hal.). From that species it differs in having 20-jointed antenna, r 2 twice as long as cuqu 1, mandible with teeth 1 and 3 equal and in some other minute characters. The colour is also different.

Aspilota necrophila sp.n.

♀. Dark brown with mandibles, palpi, tegulae, legs yellow. Antennae with scapus, pedicellus and base of first flagellar joint pale yellowish brown, the rest of flagellum brown. Wing veins pale brown.

Head (fig. 1 C, D) broader than thorax. Clypeal fovea (Paraclypealgrube by Fischer) does not reach the anterior margin of the eye. Below antennal sockets a short median carina. Antennae with 17 joints, (fig. 2 E) inserted high on the face, the space between the sockets much larger than the space between a socket and the margin of the eye. Ocelli in an equilateral triangle. The whole head smooth with relatively dense hairs on the face (see fig. 1 C).

Fig. 2.



Mesoscutum with a small pit, smooth and with few scattered hairs along the imagined notauli. Propodeum smooth in the anterior part and with a short carina at the base of the sclerite, the rest of propodeum irregular carinated to finely rugose. The first tergite a little longer than twice the breadth at posterior margin. Terebra as long as hind femur. Fore wing see fig. 2 D.

♂. Unknown.

Length: ♀ 1.8—2.0 mm.

Holotype: in coll. mea, Öland, Byxelkrok, 29.VII.1946, leg. V. Butovitsch.

Paratype: 1 ♀, in coll. mea and from the same locality as holotype.

Both specimens reared from a dead *Oryctes nasicornis* L. with *Phoridae*.

References

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Fig. 2. *Aspilota nidicola* sp.n., female. — A. Fore- and hind wing. B. Gaster in lateral view. C. Propodeum.

Aspilota necrophila sp.n., female. — D. Fore wing. E. Antenna.