

Two New Species of Alysinae Först. from North Sweden (Hym., Ichneumonoidea, Braconidae)

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Abstract

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The author describes two new species of *Alysinae* from North Sweden: *Aspilota kempei* sp.n. and *Orthostigma lokei* sp.n. He also gives notes and figures of *Aspilota caudata* (Thoms.) and *A. nigricornis* (Thoms.).

The following two species of Alysinae have been found to be new to science.

Aspilota kempei sp.n.

♀. Brown with mandibles, palpi and legs yellow. All femora, tibiae and claw-joints with tint of yellowish brown. Wing veins brown. Head (fig. 2 C, D) in frontal view nearly square and clypeal fovea (Paraclypealgrube by Fischer (1972)) does not reach anterior margin of the eye. The mandible about as long as wide with median tooth longest. Antennae 17 jointed, inserted above the middle of face. All flagellum joints longer than wide. Ocelli in an equilateral triangle. Thorax (fig. 1 A) with a pit on mesoscutum and very few scattered hairs. Scutellar fovea large, deep and nearly smooth. Mesopleura

with a short fovea (fig. 1 A). Propodeum long (declivity approximately 40°) smooth with a medial, longitudinal puncturation. Gaster laterally compressed with ovipositor (fig. 1 B) nearly as long as hind tibia. Ovipositor with few long hairs. Fore wing see fig 3 A.

♂. Unknown.

Length: 2.2 m.m.

Holotype: in coll. mea, Västerbotten, Hällnäs, 23/8 1964, leg. K.-J. Hedqvist.

I like to name this new species after the founder of the foundation: "Stiftelsen J. C. Kempes minne", from which I got a grant for collecting in North Sweden.

Aspilota kempei sp.n. runs in the key of Fischer (1972) to *A. caudata* (Thoms.) and *A. nigricornis* (Thoms.). From the two *A. kempei* differs in having another shape of gaster and head. About head of *A. caudata* and *A. nigricornis* see fig. 2 A, B, F.

Orthostigma lokei sp.n.

♀. Brown with basal part of antennae (scape+pedicellus) and tegulae brownish yellow. Legs and palpi stramineous. Wings veins pale brown.

Head (fig. 2 E) wider than long. Antennae 24 jointed, inserted nearer to median ocellus than to the base of clypeus. Mandibles (fig. 2 E) asymmetric with 3rd tooth much larger

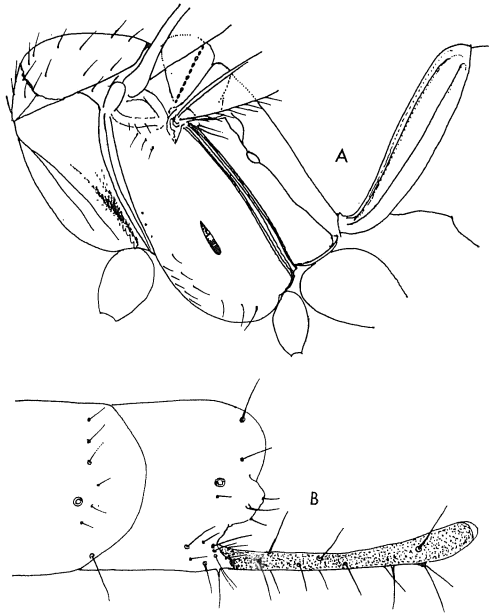


Fig. 1. *Aspilota kempei* sp.n. ♀, A. Thorax in lateral view and B. Posterior part of gaster in lateral view.

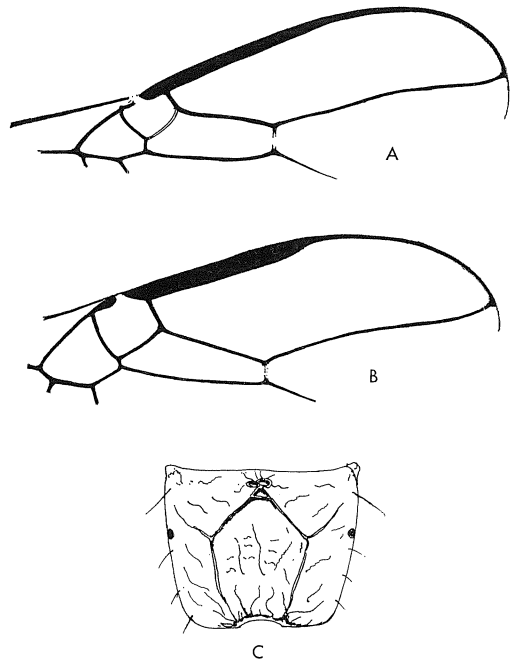


Fig. 3. A. *Aspilota kempei* sp.n. ♀, part of fore wing, B. *Orthostigma lokei* sp.n. ♀, part of fore wing and C. *O. lokei* sp.n. ♀, propodeum.

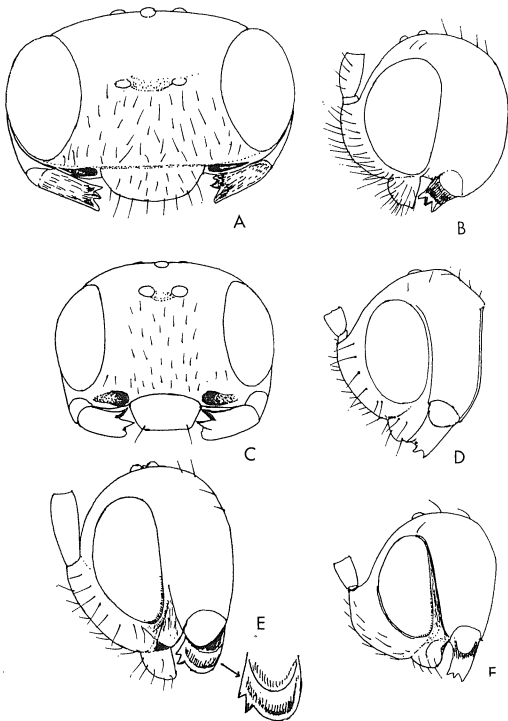


Fig. 2.

Fig. 2. A. *Aspilota caudata* (Thoms.) ♀ head in frontal view, B. *A. caudata* (Thoms) ♀ head in lateral view, C. *A. kempei* sp.n. ♀, head in frontal view, D. *A. kempei* sp.n. ♀, head in lateral view, E. *Orthostigma lokei* sp.n. ♀, head in lateral view and F. *Aspilota nigricornis* (Thoms.) ♀, head in lateral view.

than the other. Ocelli in an equilateral triangle. Face below antennal sockets with scattered hairs. Thorax smooth with a large pit on mesoscutum in front of scutellar fovea, the latter large and deep. Mesoscutum with few scattered hairs along the thought notauli. Mesopleura with a crenulated fovea. Propodeum (fig. 3 C) with irregular areolation. 1st tergite about 2,5 times as long as wide, posteriorly striated. Gaster as long as thorax and head combined. Ovipositor= $\frac{2}{3}$ of hind tibia. Fore wing see fig. 3 B.

♂. Unknown.

Length: 2.1 m.m.

Holotype: in coll. mea, Västerbotten, Hällnäs, 28/8 1958, leg. K.-J. Hedqvist.

O. lokei sp.n. runs in the key of Fischer (1971) to couplet 7 with *O. sculpturatum* Tob. and *O. mandibulare* (Tobias) but differs in having discoideus 1.2 times longer than

nervus recurrens and the propodeum otherwise sculptured.

The species is named after Loke, a god in Scandinavian mythology.

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