

***Aphidius linosiphonis* sp. n. (Hymenoptera; Braconidae; Aphidiinae),  
a new member of the aphid parasitoid guild associated with  
*Galium***

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**Abstract**

Examination of *Aphidius matricariae* Haliday specimens from Yugoslavia yielded the presence of a new species reared from *Linosiphon* sp. on *Galium silvaticum*. *Aphidius linosiphonis* sp. n. is described and is differentiated from its relatives based on differences in morphology. This species also was found in collections from the Czech Republic and the Slovak Republic.

**Key words:** *Aphidius linosiphonis* sp. n., parasitoid, aphid host, speciation

The diagnosis and other features of a new species of *Aphidius* Nees are presented as follows:

***Aphidius linosiphonis* sp. n. (Figs. 1-9)**

*Diagnosis.* This species is very similar to *Aphidius matricariae* Haliday, in having a similar tentorial index and 14-15-segmented antennae. The most prominent differences from *A. matricariae* are the 4-segmented maxillary and 3-segmented labial palpi, elongate pterostigma, and slender first flagellomere (F<sub>1</sub>). The pterostigma is extremely elongate, 4.5-4.7 times as long as wide, and F<sub>1</sub> is 3.0-3.3 times as long as wide. In contrast, *A. matricariae* populations have the pterostigma 3.5-4.0 times as long as wide, F<sub>1</sub> 2.5-3.0 times as long as wide, and 3-segmented maxillary and 2-segmented labial palpi (Starý 1973; Pennacchio 1989; Mescheloff & Rosen 1990).