

**PERISTENUS MALATUS (HYMENOPTERA: BRACONIDAE, EUPHORINAE)
A NEW SPECIES, PARASITIC ON BLEPHARIDOPTERUS ANGULATUS
(FALLÉN) (HETEROPTERA: MIRIDAE) IN BRITAIN**

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Résumé

Peristenus malatus, une nouvelle espèce de braconide provenant d'Écosse est décrite ici. Celle-ci est un parasite du miride *Blepharidopterus angulatus* (Fallén) qui se reproduit sur *Tilia*.

Abstract

Peristenus malatus new species, a braconid parasite of the orthotyline plant bug *Blepharidopterus angulatus* (Fallén) breeding on *Tilia* in Scotland is described.

The known European hosts of *Peristenus* Foerster and its allied genus *Leiothron* Nees (*sensu* Muesebeck, 1958; Loan, 1974) are chiefly plant bugs (Leston, 1959, 1961; Richards, 1967; Waloff, 1967; Loan and Bilewickz-Pawinska, 1973) but there are also records from bark lice (Broadhead and Waps here, 1966; Richards, 1967; New, 1970). A name is provided in this paper for a euphorine braconid parasite reared from the orthotyline mirid *Blepharidopterus angulatus* (Fallén) by D. M. Glen in Scotland. It is, most likely, the species referred to by Leston (1959, 1961) and Southwood and Leston (1959) who recorded braconid larvae from *B. angulatus* breeding on various deciduous trees including *Tilia*. Glen (in press) has studied the bioecology of the association. The description of this new species brings to seven the number of identified braconid species parasitic on plant bugs in Europe. There must be many others as Leston (1961) found 51 species of plant bugs parasitized by braconid larvae in Britain.

The types of this new species of *Peristenus* are in the British Museum (Nat. Hist.), London, and the Canadian National Collection, Ottawa.

Peristenus malatus new species

(Figs.s. 1-6 of female paratype specimen)

Holotype: ♀, Scotland, near Glasgow, ex *Blepharidopterus angulatus* breeding on lime [*Tilia* × *vulgaris* Wayne], Row and Ennan, 1970, D. M. Glen. Type in the British Museum (Nat. Hist.), London.

Paratypes: 1♀, 2♂, data as holotype, female specimen fragmented for scanning electron micrographs and retained for the Canadian National Collection.

Holotype female: Length about 2.4 mm. Black. Scape, pedicel, legs rufous with coxa 3 fuscous; flagellar articles 1-8 light reddish dusky, 9-17 dusky (Fig. 5). Head narrowed posteriorly so that cheeks not as swollen as eyes; frons (Fig. 1) with fine, sparse hair but impunctate and median carina defined and sharp; face thickly hairy, with hair also present on lower cheeks behind bases