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## Revision of the *femoralis* group of *Blepharoneura* Loew (Diptera: Tephritidae)

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## Abstract

The *femoralis* species group of the genus *Blepharoneura* is revised. The following 42 species, including 32 new species, are recognized: *amplihyalina*, **n. sp.** (northwestern Argentina), *apaapa*, **n. sp.** (Bolivia), *aspiculosa*, **n. sp.** (Mexico), *bidigitata*, **n. sp.** (southern Brazil), *bipunctata*, **n. sp.** (Ecuador), *biseriata* Wulp (Mexico), *bivittata*, **n. sp.** (Nicaragua, Costa Rica), *brevivittata*, **n. sp.** (Costa Rica to Peru), *chaconi*, **n. sp.** (Costa Rica), *cornelli*, **n. sp.** (Costa Rica), *cyclantherae*, **n. sp.** (Mexico), *femoralis* Wulp (Mexico to Brazil), *fernandezii*, **n. sp.** (Venezuela, northern Brazil), *furcifer* Hendel (Venezuela to Bolivia and Brazil), *hirsuta* Bates (Venezuela, Guyana, Brazil), *hyalinella*, **n. sp.** (Bolivia), *io* Giglio-Tos (Mexico), *isolata*, **n. sp.** (Guatemala), *lutea*, **n. sp.** (Costa Rica), *macwilliamsae*, **n. sp.** (Costa Rica), *marshalli*, **n. sp.** (northwestern Argentina), *mexicana*, **n. sp.** (Guatemala, Mexico), *mikenoltei*, **n. sp.** (Costa Rica), *multipunctata*, **n. sp.** (Ecuador), *nigriapex*, **n. sp.** (Bolivia), *nigrifemur*, **n. sp.** (Bolivia), *osmundsonae*, **n. sp.** (Mexico), *punctistigma*, **n. sp.** (Mexico to Costa Rica), *quadristriata* Wulp (Mexico to Costa Rica; possibly Colombia), *quetzali*, **n. sp.** (Guatemala), *regina* Giglio-Tos (Mexico), *rupta* (Wulp) (Mexico to Costa Rica), *ruptafascia*, **n. sp.** (Ecuador), *septemdigitata*, **n. sp.** (Peru, Bolivia), *sinepuncta*, **n. sp.** (Costa Rica), *splendida* Giglio-Tos (Mexico to Ecuador), *tau*, **n. sp.** (Costa Rica), *thetis* Hendel (southern Brazil), *unifasciata*, **n. sp.** (Ecuador), *variabilis*, **n. sp.** (Mexico), *wasbaueri*, **n. sp.** (Ecuador), and *zumbadoi*, **n. sp.** (Costa Rica). *Blepharoneura amazonensis* Lima & Leite, 1952 is considered a new synonym of *B. hirsuta* Bates, 1933, and a lectotype is designated for *Blepharoneura furcifer* Hendel, 1914. A key to species and phylogenetic analysis are provided, as well as descriptions, illustrations, distributions, and host plant data (as available) for each species.

**Key words:** Diptera, Tephritidae, taxonomy, phylogeny, host plant, Cucurbitaceae