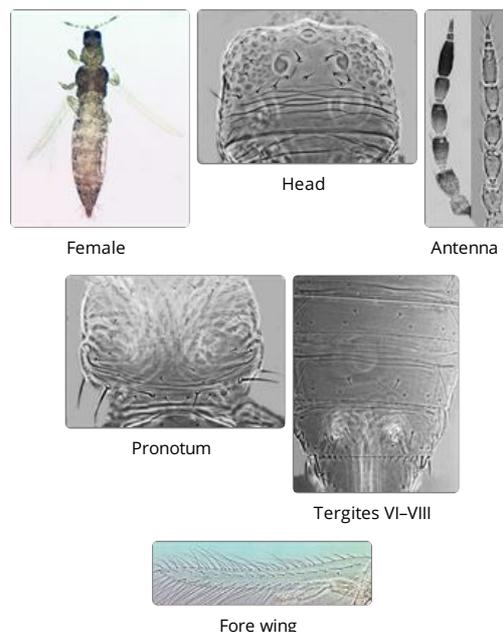


Frankliniella ewarti

Distinguishing features

Both sexes fully winged. Body and legs mainly yellow with weak brown shading; antennal segment I pale, II – V with apex brown, VI darker than II; fore wing pale. Antennae 8-segmented, III & IV each with a forked sense cone. Head slightly wider than long; three pairs of ocellar setae present, pair III shorter than diameter of one ocellus, arising between anterior margins of posterior ocelli; postocular setae pair I present, pair IV shorter than diameter of hind ocellus. Pronotum with anteromarginal and anteroangular setae scarcely longer than discal setae, two pairs of posteroangulars long; one pair of minor setae medially between posteromarginal submedian setae; posteromarginal setae IV no larger than III. Metanotum with 2 pairs of setae close to anterior margin, campaniform sensilla present. Fore wing with two complete rows of veinal setae. Abdominal tergites V – VIII with paired ctenidia, VIII with ctenidia anterolateral to spiracle; posteromarginal comb on VIII with long, slender microtrichia on small triangular bases. Sternites III-VII without discal setae.



Related species

F. ewarti is particularly similar to *F. tuttlei*, the only difference apparently being in the color of the second antennal segment. These two are among the 24 species comprising the *F. minuta* group that have the major setae unusually small (Sakimura & O'Neill, 1979). The members of this group are particularly associated with flowers of the Asteraceae, and are known mainly from South and Central America and western USA. There are almost 240 species listed in the genus *Frankliniella*, with up to 130 further names placed into synonymy (Nakahara, 1997). This high rate of synonymy has been due to the previously unrecognized variability in size and color of so many species.

Biological data

Presumably flower-living, and collected from *Hymenoclea salsola* [Asteraceae], also *Lupinus* sp. [Fabaceae].

Distribution data

Known only from California.

Family name

THRIPIDAE - THRIPINAE

Species name

Frankliniella ewarti Sakimura & O'Neill

Original name and synonyms

Frankliniella ewarti Sakimura & O'Neill, 1979: 19

References

Nakahara S (1997) Annotated list of the *Frankliniella* species of the world (Thysanoptera: Thripidae). *Contributions on Entomology, International* 2 (4): 355–389.

Sakimura K & O'Neill K (1979) *Frankliniella*, redefinition of genus and revision of *minuta* group of species (Thysanoptera: Thripidae). *U.S. Department of Agriculture, Technical Bulletin* 1572: 1–49.