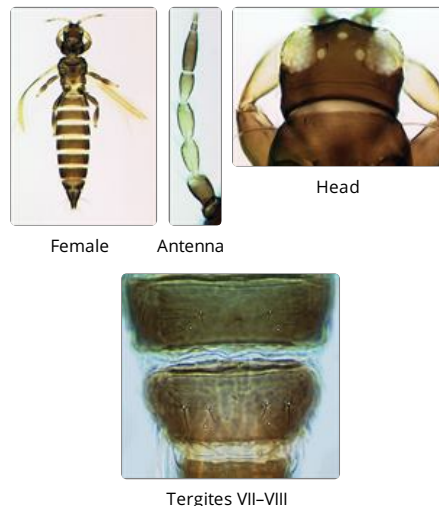


# Frankliniella hemerocallis

## Distinguishing features

Female fully winged. Body dark brown, tarsi and apices of tibiae yellow; antennal segments III–IV yellow, also base of V; fore wing brown with base paler. Antennae 8-segmented; segments III & IV each with apex short, not forming a neck, with a forked sense cone; segment VIII scarcely longer than VII. Head clearly wider than long; three pairs of ocellar setae present, pair III arising on anterior margins and longer than side of ocellar triangle; postocular setae pair I present or absent, pair IV no longer than diameter of a hind ocellus. Pronotum with 5 pairs of major setae; anteromarginal setae clearly shorter than anteroangulars, one pair of minor setae present medially between posteromarginal submedian setae, these S2 setae less than twice as long as the median setae. Metanotum with 2 pairs of setae at anterior margin, campaniform sensilla absent. Fore wing with 2 complete rows of veinal setae. Abdominal tergites V–VIII with paired ctenidia, on VIII anterolateral of spiracle; posteromarginal comb on VIII with short irregular teeth arising from triangular bases. Sternites III–VII without discal setae.



## Related species

This species is not known from California, but is included here as a potential invader. *F. hemerocallis* is unusual in having the head particularly broad, the antennae rather short, and the pronotal posteromarginal setae S2 are wide apart. This thrips possibly originated in eastern Asia, the area of origin of the plant species with which it is usually associated. 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

Breeding on leaves and in flowers of cultivated *Hemerocallis* lilies [Liliaceae]; apparently associated particularly with the yellow flowered cultivars of *H. flavus* that originated in the Oriental Region.

## Distribution data

Probably originally from Japan or some other part of eastern Asia; not yet recorded in California, but taken in New York, Maryland and Florida, also Bahamas, Costa Rica, Japan and Hungary.

## Family name

THRIPIDAE - THRIPINAE

## Species name

*Frankliniella hemerocallis* Crawford JC

## Original name and synonyms

*Frankliniella hemerocallis* Crawford JC, 1948: 83

## References

Mound LA & Marullo R (1996) The Thrips of Central and South America: An Introduction. *Memoirs on Entomology, International* 6: 1–488.

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