

1-8. The Genus *Frankliniella* Karny (Thysanoptera: Thripidae) from Korea with a New Species and a Key to the Korean Species

Gwan-Seok Lee* and Kun-Suk Woo¹

Division of Entomology, National Institute of Agricultural Science & Technology;

¹ *School of Agricultural Biotechnology, Seoul National University*

Frankliniella Karny, 1910 is the second largest genus in the family Thripidae with about 160 species in the world, most of which have been recorded from the America and only eight species from the Palearctic. The genus includes several species known as agricultural pests by virus transmission as well as by direct feeding.

As a result of the genus in Korea, six species of *Frankliniella* are recognized, among which *Frankliniella* sp. nov. 1 is reported as new to science. Surprisingly the new species has the serrate craspeda on posterior margin of abdominal terga and sterna. This structure has been not known in the genus, but often reported in several graminous genera such as *Fulmekiolla* Karny, 1925 and *Stenchaetothrips* Bagnall, 1926. The other diagnostic characters for the species are interocellar setae lateral to fore ocelli, postocular setae not uniserial, and metanotal median setae reduced. After examining the specimens of all known species, a key to the Korean species is presented.