

Additional records of fungus-feeding thrips (Thysanoptera: Phlaeothripidae) from Kyoto in Japan

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Abstract : We recorded four Thysanopteran species from Kyoto Prefecture, based on individuals collected on dead branches in 2020, and added other two fungus-feeding species to a list of thrips in Kyoto, based on literature by Okajima (2006)

Introduction

Over 50 thrips species had been recorded from Kyoto Prefecture. In the present report, we newly recorded 4 species that were collected from Kyoto Prefecture in 2020, and added other 2 species based on literature written by Okajima (2006) to a list of thrips fauna in Kyoto. As a result, we recognized 61 thrips species from Kyoto Prefecture.

Subfamily Idolothripinae

(1) *Acallurothrips hagai* Okajima

This species occurs on dead branches of evergreen broad-leaved trees in the southwestern Honshu, and Kyoto is the one of localities (Okajima, 2006).

(2) *Bactrothrips honoris* (Bagnall)

This species is somewhat common in the evergreen broad-leaved forests of the southwestern Japan (Okajima, 2006). Four species of *Bactrothrips* have been found in Kyoto Prefecture (*brevitubus*, *carbonarius*, *flectoventris* and *honoris*).

Specimen examined. 1 ♂, Ayabe City, Mutsuyori-cho (Kiminoo-san), 19-IV-2020, Y. Kuroda leg.

Subfamily Phlaeothripinae

(3) *Holothrips hagai* Okajima

This species occurs on dead leaves and branches of both deciduous and evergreen trees in the subtropical and temperate regions (Okajima, 2006).

Specimen examined. 1 ♀, Maizuru City, Nohara, 19-VII-2020, Y. Kuroda leg.

(4) *Hoplothrips fungi* (Zetterstedt)

This species occurs on dead branches or under bark of dead wood in the temperate region (Okajima, 2006).

Specimen examined. 2 ♀, Maizuru City, Nohara, 16-VII-2020, Y. Kuroda leg.

(5) *Liothrips fungi* Okajima

This species was described as a new species by Okajima (2006) based on individuals collected near

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Kifune in Kyoto City on August 1980. They were on dead branches, and it seems to be fungus-feeder (Okajima, 2006).

(6) *Oidanothrips frontalis* (Bagnall)

This species occurs on dead branches in the temperate region, and sometimes it occurs in the galleries of cerambycid beetles in dead branches (Okajima, 2006).

Specimen examined. 1 ♂, Kyotango City, Ohmiya, 2-V-2020, Y. Kuroda leg.; 1 ♀, Maizuru City, Yoshida, 22-V-2020, Y. Kuroda leg.; 2 ♀, Maizuru City, Nohara-Sorayama, 19-VII-2020, Y. Kuroda leg.

Remarks

The above-mentioned four thrips species collected by Y. Kuroda in Kyoto Prefecture were from twigs and branches of trees. All samples of the four species were mounted on glass slides in Canada Balsam, and the specimens were deposited in Laboratory of Applied Entomology, Kyoto Prefectural University.

References

Okajima, S. (2006) The Insects of Japan: The Suborder Tubulifera (Thysanoptera). Touka Shobo Co. Ltd. Fukuoka.