

*Kontyû, Tokyo*, 54 (3): 525. September 25, 1986

## A New Host of *Elenchus japonicus* (Strepsiptera, Elenchidae) in Kyushu, Japan

Teiji KIFUNE

Department of Parasitology, School of Medicine, Fukuoka University, Fukuoka, 814-01 Japan

*Elenchus japonicus* (ESAKI et HASHIMOTO, 1931) (Strepsiptera, Elenchidae) is the sole elenclid parasite of the delphacids in Japan and has been recorded from the following five hosts: *Sogatella furcifera* (type host) (ESAKI & HASHIMOTO, 1931), *Nilaparvata lugens*, *Laodelphax striatellus* (ESAKI & HASHIMOTO, 1932), *Sogatella longifurcifera* and *S. panicola* (KIFUNE & MAETA, 1986). Recently, the author was able to examine the following three examples of *Nilaparvata muiri* stylized by *E. japonicus* which represent a new host record. The symbols, ♂ and ♀, are used for the parasite only.

Host: *Nilaparvata muiri* CHINA (Homoptera, Delphacidae) (Identified by Mr. T. OKADA).

Specimens examined: 1 ♂-puparium on 1 nymph (5th inst.), Yasutake-chô, Kurume City, Fukuoka Pref., 18. xi. 1985 (Y. YONEDA leg.); 1 ♀ on 1 brachypterous female & 1 ♂-puparium on 1 nymph (5th inst.), same locality, 26. xi. 1985 (Y. YONEDA leg.).

Both of the male puparia contained almost developed adults and the female adult was ungravid. This is the 6th host of *E. japonicus*. All of the specimens are mounted and preserved in the author's private collection.

The author thanks Mr. Y. YONEDA (Kurume Univ.) for his kind gift of the present material and Mr. T. OKADA (Chugoku Natn. Agr. Exp. Stat.) for the identification of the host.

### References

- ESAKI, T., & S. HASHIMOTO, 1931. Report on the leaf-hoppers injurious to the rice plant and their natural enemies. No. 2. *Ent. Lab., Dept. Agr., Kyushu Univ., Publ., Fukuoka*, (2): 1-59, pls. 1-5.
- & ———, 1932. Ditto. No. 3. *Ibid.*, (3): 1-42.
- KIFUNE, T., & Y. MAETA, 1986. New host records of *Elenchus japonicus* (ESAKI et HASHIMOTO, 1931) (Strepsiptera, Elenchidae) from Japan and East China Sea. *Kontyû, Tokyo*, 54: 359-360.