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THREE AGROMYZIDS FROM THE KURILE ISLANDS

(DIPTERA)*

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The present paper is based upon the collection of Agromyzidae from the Kurile Islands, collected by Dr. Satoru Kuwayama and Mr. Yuzo Sugihara in the summer of 1940. Here I express my sincere thanks to Dr. Kuwayama for his kindness in entrusting this study to me.

1. *Melanagromyza pubescens* Hendel

Melanagromyza pubescens Hendel, 1923, Konowia 2: 144.

Specimen examined: 1 ♂, Uennai, Kunashir, 11. VIII, 1940, S. Kuwayama & Y. Sugihara leg.

Distribution: Europe and Kuriles (Kunashir Is.).

2. *Phytobia (Poëmyza) pygmella* (Hendel)

Dizygomyza (Poëmyza) pygmella Hendel, 1931, in Lindner: Die Flieg. palaearkt. Reg. 59: 48.

This species was originally described from Kamchatka. The present specimen agrees very well with the original description. Female terminalia: ovipositor sheath shiny black, as long as fifth tergite, 2/3 length of sixth tergite; apodeme subequal in length to sixth tergite, pouched on anterior half; egg guide subtriangular in lateral view, about 100 microns long, weakly chitinized proximally, with five large sensillae; ninth segment about 300 microns long, sternite with four pairs of marginal setae, cercus with four long tactile sensillae; spermatheca dark brown, large, semispherical, 64 by 100 to 72 by 104 microns, neck 40 microns long, duct very slender, 415-560 microns long; tail of ventral receptacle 150 microns long, slightly chitinized at distal one-third.

Specimen examined: 1 ♀, Tiboi, Shikotan, 27. VII, 1940, S. Kuwayama & Y. Sugihara leg.

Distribution: Kamchatka and Kuriles (Shikotan Is.).

3. *Phytomyza atricornis* Meigen

Phytomyza atricornis Meigen, 1838, Syst. Besch. bekann. eur. zweifl. Insekt. 7: 404.

Specimens examined: 1 ♂ 1 ♀, Okkapu, Kunashir, 7. VIII, 1940; 2 ♂, Uennai, Kunashir, 11. VIII, 1940, S. Kuwayama & Y. Sugihara leg.

Distribution: Cosmopolitan.

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