

Short Report

The Genus *Collessia* of Japan (Diptera: Drosophilidae)

Two Japanese species of *Drosophila* (*Hirtodrosophila*) are transferred to the genus *Collessia* BOCK and some diagnostic characters of the genus are revised in the following lines.

Genus *Collessia* BOCK, 1982 (カスミシヨウジョウバエ属, 新称)

Type species: *C. superba* BOCK, 1982: 41 (north Queensland) (Fig. 1).

Collessia kirishimana (OKADA) n. comb. (ヒメカスミシヨウジョウバエ, 改称) (Fig. 2)
Drosophila (*Hirtodrosophila*) *kirishimana* OKADA, 1967, Mushi, 41: 4.

Collessia hiharai (OKADA) n. comb. (カスミシヨウジョウバエ, 改称) (Fig. 3)
Drosophila (*Hirtodrosophila*) *hiharai* OKADA, 1967, Mushi, 41: 6.

C. kirishimana has venation and coloration of wing as well as body ornamentation very peculiar, closely similar to those of *C. superba*, type and only known species of the genus *Collessia*. The two Japanese species mentioned above have four rows of acrostichal hairs (two in *superba*), and *C. hiharai* has minute

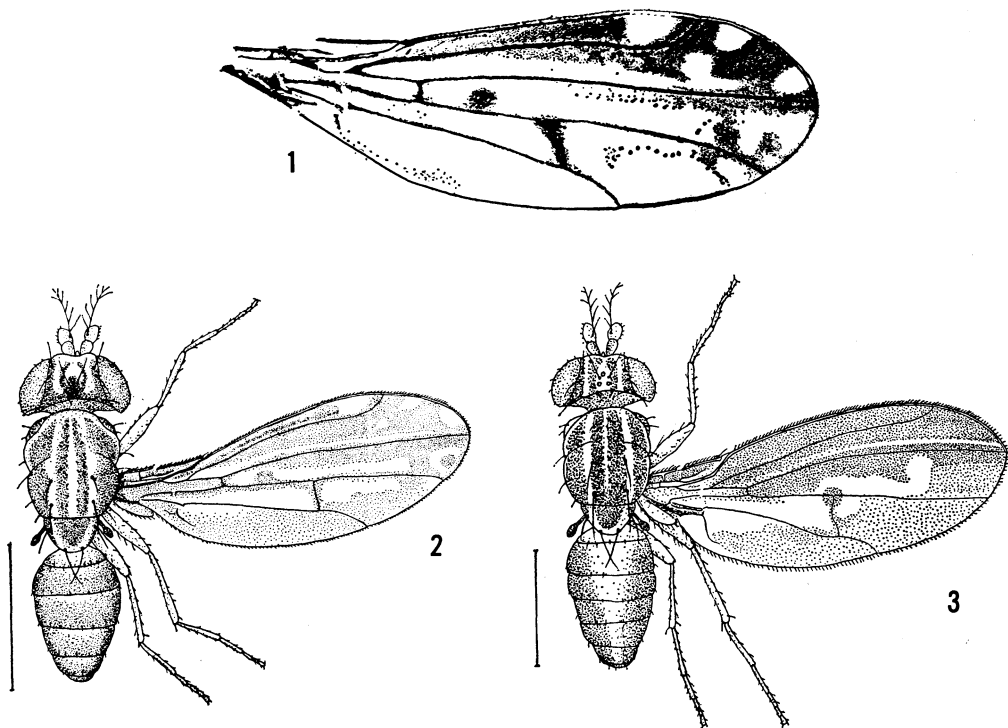


Fig. 1. *Collessia superba* BOCK, ♀ wing, from north Queensland (after BOCK, 1982).

Fig. 2. *Collessia kirishimana* (OKADA), ♂, from Kirishima-jingu, Kagoshima Prefecture. Fig. 3. *Collessia hiharai* (OKADA), ♂, from Mt. Kumotori, Tokyo. Scales 1 mm.

anterior reclinate orbitals which are absent in *C. superba* and *C. kirishima*. Thus the generic diagnosis is revised as: anterior reclinate orbitals minute or absent and acrostichal hairs in two or four rows. The two Japanese species are very rare, each collected only once in the mountain area. Occurrence of this peculiar genus exclusively in Australia and Japan is remarkable.

Reference

Bock, I.R. 1982. Drosophilidae of Australia V. Remaining genera and synopsis (Insecta: Diptera). *Austr. J. Zool.*, Suppl. ser., (89): 1-164.

Toyohi OKADA: Gotokuji 2-30-18, Setagaya-ku,
Tokyo 154, Japan.
