



# HOKKAIDO UNIVERSITY

Title	Nomenclature of a bibionid-fly and a saw-fly
Author(s)	Watanabe, Chihisa
Citation	Insecta matsumurana, 25(1), 49-49
Issue Date	1962-08
Doc URL	<a href="https://hdl.handle.net/2115/9686">https://hdl.handle.net/2115/9686</a>
Type	departmental bulletin paper
File Information	25(1)_p49-49.pdf



# NOMENCLATURE OF A BIBIONID-FLY AND A SAW-FLY

By CHIHISA WATANABE

On account of different opinions in regards to the application of the rules of homonymy in the old International Rules of Zoological Nomenclature, two species described by Motschulsky (1866) for the first time, one belonging to the Bibionidae and the other to the Tenthredinidae, have been confused in nomenclature, respectively. Recently, having read the new International Code of Zoological Nomenclature published in 1961, I have come to the definite conclusion that the following names should be used as the valid names of these species.

## ***Bibio rufiventris*** (Duda) (Diptera: Bibionidae)

*Crapitula? japonica* Motschulsky, Bull. Soc. Nat. Moscou 39: 183, 1866.

*Bibio Motschulskyi* (Gimmerthal): Matsumura, Thous. Ins. Japan 2: 19, 1905.

*Bibio japonicus* (Motschulsky): Matsumura, Konchu Bunruigaku 2: 51, 1915.

*Penthetria rufiventris* Duda, in Lindner, Die Flieg. der Palaeark. Reg. 4. Bibionidae: 12, 1930 (pro *Crapitula? japonica* Motschulsky, 1866, nec Wiedemann, Aussereurop. zweif. Ins. 2: 618, 1830).

*Penthetria japonica* (Motschulsky): Duda, op. cit. 4: 14, 1930.

*Bibio hortulanus* var. *japonicus* Duda, op. cit. 4: 59, 1930.

*Bibio hortulanus* (Linnaeus): Okada, Jour. Facul. Agr., Hokkaido Imp. Univ. 42(2): 210, 1938.

*Bibio japonicus* (Motschulsky): Hardy & Takahashi, Pacific Insects 2(4): 420, 1960.

As shown in the bibliographic reference listed above, the name ***Bibio rufiventris*** is evidently the valid name of this species. If Duda's publication (1930) were, however, published after 1960, the name *Bibio japonicus* would be restored as the valid name [see: Article 59(c)], and, in addition, the name *rufiventris* would not become available because of a conditional name [see: Articles 15 & 17(8)].

## ***Macrophya ignava*** Smith (Hymenoptera: Tenthredinidae)

*Dolerus coxalis* Motschulsky, Bull. Soc. Nat. Moscou 39: 182, 1866.

*Macrophya ignava* Smith, Trans. Ent. Soc. London 1874: 279, 1874.

*Emphytus japonicus* Kirby, List. Hymen. Brit. Mus. 1: 203, 1882 (pro *Dolerus coxalis* Motschulsky, 1866, nec Klug, Berl. Mag. 8: 287, 1818).

*Dolerus coxalis* Motschulsky: Kirby, op. cit. 1: 230, 1882.

*Macrophya ignava* Smith: Kirby, op. cit. 1: 266, 1882.

*Macrophya ignava* Smith: Takeuchi, Trans. Kansai Ent. Soc. 2(2): 35, 1935.

*Macrophya coxalis* (Motschulsky): Takeuchi, Akitu 1(2): 56, 1937; *ibid.*, Tenthredo 1(4): 398, 1937.

Although the name *Dolerus coxalis* is the oldest available name of this species, the name ***Macrophya ignava*** should be used as the valid name, because in 1882 the former was already rejected by Kirby as a junior secondary homonym. Kirby's new name *Emphytus japonicus*, however, might be proposed conditionally, since, strange as it is, in the same publication Kirby transferred *Dolerus coxalis* to the genus *Emphytus* on page 203, and yet he still reserved it as a member of the genus *Dolerus* on page 230.

[Insecta Matsumurana, Vol. 25, No. 1, August, 1962].