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MADIZA: A CHLOROPID OR A MILICHIID (DIPT.)? *

BY CURTIS W. SABROSKY.

The generic name *Madiza* Fallén has been the subject of much confusion in Dipterological literature because of its widespread use for common species in both the families Chloropidae and Milichiidae. American dipterists have widely (though not consistently) employed the name in the former family, whereas the most recent European monographers (e.g. Duda, 1933-1936, on the Chloropidae, and Hennig, 1937, on the Milichiidae both in Lindner's series of fascicles on *Die Fliegen der Palaearktischen Region*) have used it for a common genus and species of Milichiidae.

Because of its importance in the literature of the two groups, attention is called to the conclusion indicated in a recently published paper, 'An Annotated List of Genotypes of the Chloropidae of the World' (Sabrosky, 1941, *Ann. ent. Soc. Amer.*, 34 (4): 735-65, *Madiza* on pp. 756-7). After a study of the original publications, and of the pertinent Rules and Opinions, it is concluded that the name *Madiza* should properly be used in the family Chloropidae, with *Siphonella* Macquart as a synonym. The argument may be stated briefly as follows :

1810. *Madiza* Fallén. 'Sp. Sv. 3' (Species Sveciae 3), but with no species mentioned by name.

1820. *Madiza* Fallén described, with five new species: *laevigata*, *osciniina*, *glabra*, *pinguis*, and *sordida*, in that order. No genotype designated or indicated.

1830. Meigen (*Syst. Besch.*, 6:173) recorded *pinguis* and *sordida* as *Agromyza*, *laevigata* and *osciniina* as *Chlorops*, and *glabra* as *Gymnopa*.

1835. *Siphonella* Macquart, new genus, with four species: *Madiza osciniina* Fallén and three new species, *ruficornis*, *aenea*, and *ruficeps*. Genotype by original designation: *osciniina* Fallén.

1856. Rondani (*Diptera Italicæ, Prodr.*, 1:128) designated *M. osciniina* Fallén as genotype of *Madiza* Fallén. (Designation accepted by Coquillett, 1910; Malloch, 1913; et al.)

1910. Hendel (*Wien. Ent. Ztg.*, 29:307): '*Madiza* Fall. 1810. Von den drei Arten wurden zwei durch *Siphonella* Macqu. 1835 absorbiert, so dass der Fallensche Name für *M. glabra* zu gelten hat.'

The generic name *Siphonella* has always been accepted in the Chloropidae with *osciniina* Fallén as its genotype; the point of contention is between *M. osciniina* and *M. glabra* Fallén as genotype of *Madiza*. Hendel's position on the matter, as may be seen from the above quotation, was based on the principle of elimination under which he reasoned that Macquart (1835) removed two out of three species from *Madiza*, thereby automatically fixing the sole

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Sabrosky 1942

p. 170 see G.L.L.