

NOTE

Proper Placement of Some Palaearctic "*Cheilosia*" Species
(Diptera: Syrphidae)

The genus *Cheilosia* Meigen (subfamily Eristalinae, tribe Rhingiini) is the largest in the family Syrphidae, with more than 400 valid species. While most species are undoubtedly properly placed in *Cheilosia*, some are not. The large size of the genus has caused confusion about its proper limits, and some authors have tended to place in the genus any dark syrphid with a tuberculate face. During the preparation of a Catalog to the Syrphidae of the Palaearctic Region, I noted a few more species incorrectly placed in *Cheilosia*. "*Cheilosia*" *altaica* Stackelberg (1925, Ann. Mus. Zool., Acad. Sci. Russ. 26: 87) and *dispar* Hervé-Bazin (1929, Encycl. Entomol. (B) 2 (Dipt.) 5: 93) are species of *Portevinia* Goffe (N. COMBS.). "*Cheilosia*" *plumicornis* Sack (1941, Arb. Morph. Taxon. Entomol. 8: 188) is a species of *Endoiasimyia* Bigot (N. COMB.). *Portevinia* and *Endoiasimyia* are closely related to *Cheilosia* and are frequently combined with it. However, these genera are amply distinct: *Endoiasimyia* is readily distinguished by a plumose arista, and *Portevinia* by the lack of a facial tubercle and the presence of gray abdominal maculae. "*Cheilosia*" *helvetica* Wainwright (1911, Entomol. Mon. Mag. 47: 107) is a species of *Myolepta* Newman (N. COMB.) (Subfamily Eristalinae, tribe Brachyopini). "*Cheilosia*" *claviventris* Strobl (1910, Mitt. Ver. Steiermark 46: 104) is a species of *Syrphocheilosia* Stackelberg (subfamily Syrphinae, tribe Melanostomini) and the senior synonym of the type-species, *aterrima* Stackelberg (1964, Zool. Zh. 43: 469) (N. SYN.).

F. Christian Thompson, *Systematic Entomology Laboratory, IIBIII, Agric. Res., Sci. and Educ. Admin., USDA, % U.S. National Museum of Natural History, NHB-168, Washington, D.C. 20560.*