

B. Skierska: Komary — Culicidae. Klucze do oznacania owadów Polski, Cześć XXVIII, Muchówki. Diptera, Zesz. 9 b. Państwowe wydawnictwo naukowe, Warszawa 1977, 120 pp., 305 Figs. Price 35 Zl.

The present monograph on the adult mosquitoes of Poland was compiled by a prominent specialist in systematics and ecology of this family, the late Docent Dr. Barbara Skierska. In 1971 this author published in the same series, issue 9 a, a treatise with a similar title devoted to larvae and pupae of the family Culicidae. Unlike most monographs of recent date the family Culicidae here is conceived after former views, so that both families of non-parasitic representatives, i.e. according to the author's concept the subfamilies Dixinae and Chaoborinae, are also treated in detail.

The general part deals with the characteristics of the family, morphology of imagoes, survey of their bionomy, their medical and veterinary importance, collecting, preservation and culturing. The systematic part includes a survey of important species found in Poland. It reveals that the subfamily Dixinae in Poland numbers 22 species (possible occurrence of three more species), the subfamily Chaoborinae includes

7 species (one more species possible), the subfamily Culicinae — 47 species (ten more species possible).

Keys to the genera and species are arranged for both sexes. Particular species are provided with detailed morphological descriptions, with brief notes on distribution in the world and in Poland, and the bionomy of each species is also summarized to the point. The text is supplemented with numerous pen-drawings, either done by the author, or adopted from other European monographs, including recent ones. Together with the previous issue 9 a the treatise makes up an excellent monograph on Culicidae in Poland which will surely be used for the identification of material by all entomologists studying this family. The volume is a valuable contribution to the monographic literature dealing with European representatives of the family Culicidae.

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