

prevention, correct evaluation of epizootiological aspect, attempts at repopulating or introducing some species and maintainance of faunistically and zoogeographically memorable species of the Tisa River basin. The monograph showed at the

same time the necessity of further zoological and parasitological research within the framework of the Council for Mutual Economic Aid and its great value both for the science and practice.

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Helmintologický sborník III.

This volume was arranged by Prof. Dr. J. Vojtek, C. Sc. and edited by Prof. Dr. J. Štelcl, D. Sc. The first part summarizes the history of parasitology at the Natural History Faculty of the J. E. Purkyně University in Brno, where the first lectures in parasitology were read in 1951. The lecturer was Ass. Prof. Dr. B. Folkmannová till 1959 and then, after her sudden indisposition, Dr. J. Vojtek. At the same time also the research of the parasite fauna of fishes was carried out, in which participated also R. Ergens and other students. Already in 1954, 22 species of fish parasites new for the fauna of Czechoslovakia were reported at this Faculty. A special attention was paid to the larval stages of trematodes, the determination of which is very difficult. The Natural History Faculty became soon a leading laboratory in our country in the study of this problem and its pupils were able to participate in cooperation with Soviet and other specialists for instance in the research of fish parasites of the Tisa River basin. A Department of Parasitology was created in 1964 and was headed first by Dr. J. Vojtek, C. Sc. and from 1971 by Ass. Prof. Dr. L. Vojtková, C. Sc. In 68 original papers, 3 Ph. D. dissertation papers and many other degree papers, 123 parasite species new for the fauna of Czechoslovakia, of them 11 new for the science, have been recorded. The life-cycle of 9 trematode species was studied in detail. Also the research of Simuliidae by Knoz, Sciomyzidae by Rozkošný and other papers

dealing with parasitic Diptera should be mentioned. The list of papers arranged chronologically from 1954 to 1973 presents a picture of this progressive activity of the above-mentioned Faculty in parasitological studies. The German conclusion supplies information to foreign readers.

Among the original papers there is the paper by Vojtek entitled "Metacercaria z ryb Československa" (Metacercaria of fishes from Czechoslovakia) dealing with the present state of research of this subject, which is of great significance to the public health (*Metagonimus yokogawai*), fish breeding (*Diplostomum spathaceum* and others), economic value of fish (*Posthodiplostomum cuticola*) and knowledge of the parasite fauna of mammals and birds. In addition to the systematic survey of metacercaria found in Czechoslovakia, of great importance is the key to their determination (which was also translated into German). The paper is completed by illustrations.

Another paper by F. Moravec and L. Vojtková is devoted to the nematodes of the family Cosmocercidae parasitizing amphibians in Czechoslovakia. The species *C. commutata*, *C. ornata* and *C. longicauda* are described in detail and the paper concludes also with a key to the species of this genus.

The third volume of *Helmintologický sborník* UJEP supplies evidence on the progress and development of parasitology in Czechoslovakia.

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