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**MONITORING ICHTIOFAUNY SYSTEMU RZEKI CZARNEJ ORAWY.**

**FISH FAUNA MONITORING OF THE CZARNA ORAWA RIVER SYSTEM**

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**ABSTRACT**

The ichthyofaunistic investigations of the Czarna Orawa River system (South Poland, Danube drainage basin area) were carried out in June 2000 and 2001. Fish fauna consisted of 21 species in total, including one lamprey species. In comparison with previous studies we observed changes in species composition, distribution and density of the fish assemblages. In the years 1982-2000 diversity and abundance of obligatory riverine fish decreased significantly. Due to the existence of big man-made reservoir taxa representing non-obligatory riverine species (roach, perch, bleak) became much more numerous. Anglers' activity differed between main channel and tributaries. The anglers' pressure concentrated on roach in main channel, and on brown trout, chub and grayling in tributaries. Persistence of fish assemblages were lower and the high values of the turnover index were observed.