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EKOLOGICZNA CHARAKTERYSTYKA WÓD
GÓRNEGO I ŚRODKOWEGO BIEGU RZĘKI BYSTRZYCY LUBELSKIEJ,
JEJ DOPŁYWÓW ORAZ JEZIORA ZEMBORZYCKIEGO**

ECOLOGICAL CHARACTERIZATION OF THE WATERS OF
THE UPPER AND MIDDLE COURSES OF THE BYSTRZYCA LUBELSKA RIVER,
ITS TRIBUTARIES AND THE ZEMBORZYCKIE LAKE**

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ABSTRACT

Investigations of the Bystrzyca River, its tributaries and the Zemborzyckie Lake concerned physico-chemical water qualities, degrees of saprogenecity, classes of water purity and biocenosis-fishery assessment and were carried out on the basis of the structure of ecological communities of zooplankton, zoobenthos and necton. In some river sections, the water was recorded to belong to the third class of water purity or was even too polluted to be included in this class, and the pollution brought about significant changes in zoocenoses. The reservoir's water contained a high content of total suspended matter, phosphorus and nitrogen. Pike, which was the dominant species after the construction of the reservoir, has recently been replaced by bream and pike-perch.