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RYBOSTAN DORZECZA WIDAWY PO PRZEPROWADZONEJ REGULACJI

ICHTHYOFAUNA OF THE WIDAWA RIVER DRAINAGE BASIN AFTER REGULATION

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ABSTRACT

The fish fauna of a small lowland river and its tributaries (Odra basin, SW Poland) has been studied after regulating and canalizing the river. At 34 localities 25 fish and lamprey species have been recorded by means of electrocatching. The species composition has not undergone any significant changes as compared with the state before the river bed modification. The fish density and biomass were very low, the ichthyofauna being dominated by psammophilous and phytophilous groups of small body size species of short life cycles and of no economic importance. Methods of ichthyofauna restitution have been proposed.