

MIROSLAW PRZYBYLSKI, PIOTR FRANKIEWICZ,
JERZY BAÑBURA

ICHTIOFAUNA DORZECZA GÓRNEJ WARTY

THE FISH FAUNA OF THE UPPER WARTA RIVER DRAINAGE BASIN

Uniwersytet Łódzki,
Katedra Ekologii i Zoologii Kręgowców
90-237 Łódź, Banacha 12/16

ABSTRACT

In 1985-88, the distribution and degree dominance of fish and lamprey species was investigated in the upper Warta River drainage basin. In 139 sampling sites located in the 56 rivers and streams 33 fish and 2 lampreys species were identified. On the whole in the investigated part of drainage basin, the phytophilous and psammophilous species dominated. The pollution and canalization of these streams exerted strong influence on the distribution and abundance of fish. In the extremally polluted part of the Warta (section of the Ner River inflow) the extinction of psammophils and lithophils and a decrease in the abundance of dominant species (roach, pike, bleak) was observed. In view of previous investigation (20 years before the present ones) the extinction of vimba and sibel and decrease in the abundance of nase, barbel and chub are noted.