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ROZSIEDLENIE, WĘDRÓWKI I WZROST
ZNAKOWANYCH TROCI WYPUSZCZONYCH W DORZECZE WIEPRZY

DISTRIBUTION, GROWTH AND MIGRATIONS OF NEWLY MARKED
TROUT INTRODUCED INTO THE WIEPRZA RIVER DRAINAGE BASIN

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ABSTRACT

From 0.2% to 5.2% of sea trout smolts introduced into the Wieprza and Grabowa Rivers were captured again. After the first year in the rivers the fish reached 51.2 cm in length and 1707 g in weight, and after the second year 62.3 cm and 550 g. The efficiency of the introduction amounted to 125.4 kg and 65.3 kg per 100 introduced smolt individuals. The marked sea trout were captured mainly in coastal waters of Pomerania and the Gdańsk Bay, sporadically in the Gulf of Finland or Gulf of Bothnia and Danish Straits. Over 62% of the fish were captured in the Polish zone. Polish fishermen caught 67.6% of all the marked fish captured. Seasonal differences in the distribution of the captured sea trout were observed. In the Gdańsk Bay region, 2.4% of them were captured in the first and 41.7% in the second year. They occurred there most rarely in the summer of the first (0%) and the second (6.2%) year. In autumn the percent of the captured trout increased to 13.3% and 29.4% in the first and second year, respectively. In winter it increased to 58.7% in the first and 57.1% in the second year.