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POŁOWY WĘDKARSKIE NA ODCINKU WARTY PONIŻEJ PIĘTRZENIA

ANGLERS' CATCHES AT THE TAILWATER OF THE WARTA RIVER

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ABSTRACT

A direct evaluation of anglers' catches from May 1997 to May 1998 took place at the 460 m long stretch of the right side bank of the Warta River. The site, which attracted a high number of anglers, was located in the tailwater, 1.5 km downstream of the dam, with a mounted hydropower plant and without a fish ladder, of the Jeziorsko Reservoir. This concave, eroded bank was protected against further washing away with 18 wing dikes at the turn of 1993, which provided this reach with stagnant water habitats. In spring, summer, autumn and winter perch was always dominant among 12 other species and anglers' harvest amounted to 90, 123, 311 and 736 kg ha⁻¹, respectively (total 1260 kg ha⁻¹ yr⁻¹). Monitored after impoundment (1986-1994) annual production of all fish populations there, calculated on the basis of quantitative electric fishing samples, never exceeded 60 kg ha⁻¹ yr⁻¹. These differences between anglers' harvest and production resulted from upstream fish movements and fish that in masses drifted downstream from the reservoir (among them perch was dominant).