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OCENA PRESJI WĘDKARSKIEJ NA RZEKI: BIEBRZA, BUG, NAREW

ANALYSIS OF ANGLING PRESSURE
IN THE BIEBRZA, BUG AND NAREW RIVERS

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ABSTRACT

On the basis of questionnaire study conducted in 1978-1979 anglers' pressure was estimated in the Biebrza, Bug and Narew Rivers. 303 questionnaire lists were analysed to calculate the pressure exerted on each river. It was highest in the Biebrza River, 600 angler day km⁻¹ of the bank. The average size of an anglers' total catch over a year was also assessed and amounted to 40.6 kg of fish in the Narew, 29.97 kg in the Biebrza and 30.24 kg in the Bug River.

A correlation between the fish quantity and species composition of the catches and river water purity was recorded. Predatory species dominated in the catches from the Biebrza River, the purest of the three rivers, and amounted to 53.6% of all fish captured, while cyprinid species dominated in the strongly polluted Bug River and constituted 52.9% of the fish. By contrast with these two rivers, white bream, one of the index species of eutrophication process, occurred in abundance in the Bug River catches.

1. Wstęp

Pod koniec lat siedemdziesiątych zostały przeprowadzone (przy współdziałaniu Zarządu Głównego PZW i Zakładu Ekonomiki IRŚ Olsztyn) badania ankietowe wśród wędkarzy, członków Pol-