

Water beetles (Coleoptera) of the Pechora river basin in Russia

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We analyzed water beetles from benthos samples and fish stomachs collected in autumn and summer period of 1980 - 2000 by the research staff of the Institute of Biology Komi Science Center and by Dutch researchers. Samples were gathered in different kinds of water bodies in the river basin of the Pechora. According to the available literature and the author's own data, the fauna of water beetles in the Pechora basin includes 97 species from 31 genera and 8 families. The family Dytiscidae has the highest number of species (65). Three species, *Haliphus immaculatus* Gerhardt, 1877, *Hydroporus neglectus* Schaum, 1845 and *H. brevis* F. Sahlberg were noticed for the first time in the Pechora river basin. In watercourses of the Pechora basin, rheophilic beetles: *Elmis aenea* (Müller, 1806), *Limnius volckmari* (Panzer, 1793), and *Oulimnius tuberculatus* (Müller, 1806) dominate in number. In all rivers they find optimal conditions in moss thickets over stony substrates.

Thirty-four beetle species were found in stagnant water bodies. Seventeen species of water beetles were found in fish stomachs. Fish stomachs provided samples of additional species not registered previously: *Haliphus confinis* Stephens, 1829, *Hydroporus brevis* F.Sahlberg, 1834, *Nebrioporus depressus* (Fabricius, 1775) and *Colymbetes dolabratus* (Paykull, 1798).

Key words: water beetles, ecology, faunistics, fish, Pechora river

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