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Water mites (Hydrachnidia, Acari) in the running waters of the Masurian Landscape Park

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Abstract – 1811 water mites, representing 75 species, were collected at 25 sampling sites, several rare species being found among them, i.e. *Torrenticola brevirostris*, *Atractides pavesii*, *Neumania agilis*, *Albia stationis*. 61 water mite species were identified in the greatest river – Krutynia. The main faunal elements were rheophils and rheobionts, which accounted for 53% of the total numbers of water mites collected there. A similar tendency was observed in the streams of the nature reserve "Pierwos", whereas Uklanka stream, River Wygrynia, a drainage ditch and a limnocren were dominated by eurytopic species typical of small water bodies. The lacustrine element was relatively common in the fauna of the rivers. In a helocren the Hydrachnidia group consisted of four species only and the crenobiontic element constituted 96.1% of the material collected there.

Key words: river, stream, water mites, rheobionts, rheophils, crenobionts, crenophils, synecological groups.