

**Odonata, Trichoptera, Coleoptera, and Hydrachnidia  
of springs in Kazimierski Landscape Park (Eastern Poland)  
and factors affecting the characters of these ecosystems**

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**Abstract** – Spatial distribution and fauna composition of selected arthropod taxa were studied in 8 springs of the Kazimierski Landscape Park (SE Poland). Collected were: 12 species of water mites, 47 of water beetles, and 18 of caddisflies. Imagines of 10 dragonfly species were also observed. A great faunistic individuality of the springs was found, probably resulting from habitat diversity in the springs and from external factors, as, e.g. migrations from neighbouring biotops. Those factors are of different importance in various arthropod taxa.

**Key words:** Odonata, Coleoptera, Trichoptera, Hydrachnidia, spatial distribution, springs, Poland, habitat island.