The Influence of Ecological Factors on the Relative Number of Odonata Faunal Species of the Northern Macroslope of the Eastern Caucasus

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Abstract: In a number of regions located on the northern macroslope of the Eastern Caucasus, including the Chechen Republic (CR), representatives of the order of dragonflies (*Odonata*), and, above all, their environmental characteristics associated with climate change and improvement of environmental factors, the influence of motor transport in the republic have not been sufficiently studied.

Additional studies of the relative abundance of the *Odonata* fauna of the Chechen Republic from 2017 to 2022, compared with previous years (2000 – 2015), showed that in this period, almost all taxa showed an increase caused by the technogenic impact on the environment in recent years The environment on the territory of the republic has decreased significantly. One of the problems is the lack of knowledge about the species composition of dragonflies and the identification of rare and endangered subspecies and species. Increasing anthropogenic pressure leads to species reduction of dragonflies. Thirteen endangered species have been identified, classified into two categories according to the NT and CD status adopted by the International Union for Conservation of Nature and Natural Resources.