

**Comparative assessment of the impact of pesticide pollution on the cytomorphology of erythrocytes *Bufo viridis* (Laurenti, 1768) and *Pelophylax ridibundus* (Pallas, 1771) (Anura, Amphibia)**

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**Abstract.** A comparative assessment of morphological features of erythrocytes *Pelophylax ridibundus* (Pallas, 1771) and *Bufo viridis* (Laurenti, 1768) living near the territory sprayed with pesticides was carried out. Multidirectional changes in the parameters of erythrocytes in the compared species were revealed, expressed in an increase in the width, area and volume of cells in *P. ridibundus* and a decrease in the values of these parameters in *B. viridis*. The noted changes are considered as different strategies of adaptation of different amphibian species to habitat pollution.

**Keywords:** frog, toads, amphibians, pesticides, erythrocytes

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