

Blood Composition Changes in *Rana ridibunda* (Anura, Amphibia) from an Area of Highly Developed Chemical Industry

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Abstract: The status of some basic quantitative and qualitative indices of blood (number of erythrocytes, haemoglobin contents, haematocrit, colour index, erythrocyte sedimentation speed) has been studied in *Rana ridibunda*, derived from an area of a highly developed chemical industry. The data is compared to our previous studies (ZHELEV *et al.* 2002, ZHELEV *et al.* 2003 - in press). Differences from the frogs, derived from the other two compared regions have been reported.

Key words: erythrocytes, *Rana ridibunda*, haemoglobin contents, haematocrit value, erythrocyte sedimentation speed, South Bulgaria