

**Variability of morphophysiological parameters of green toads  
of the *Bufo viridis* complex (Anura, Amphibia) depending on altitude zoning**

**D. M. Gamidova** , **A. D. Askenderov**, **A. I. Rabadanova**

*Dagestan State University  
43a Gadzhiev St., Makhachkala 367000, Russia*

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**Abstract.** In Dagestan, morphometric parameters of the body and cytomorphological parameters of erythrocytes were studied in 124 green toads from four regions. In the course of the analysis of variance, variability between populations in these parameters was revealed, which is associated both with the influence of altitudinal zonality, sex, and the interaction of these factors. According to the discriminant analysis for the studied parameters ( $L$ ,  $D.r.o$ ,  $Sp.oc$ ,  $C.s$ ,  $D.p$ ;  $\lambda = 0.23-0.25$ ;  $L$ ,  $L/W$ ,  $S$ ,  $V$ ,  $T$ ,  $E$ ;  $\lambda = 0.008$ ), the presence of two distant forms of green toads in the south and north of the region.

**Keywords:** *Bufo viridis*, linear parameters of the body, cytomorphological parameters of erythrocytes, altitudinal zonality, Dagestan

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 *Corresponding author.* Department of Zoology and Physiology of Faculty of Biology, Dagestan State University, Russia.

*ORCID and e-mail addresses:* Djamilya M. Gamidova: <https://orcid.org/0000-0003-0460-9895>, [Djamka\\_90@mail.ru](mailto:Djamka_90@mail.ru); Azim D. Askenderov: <https://orcid.org/0000-0002-6491-7091>, [askenderov@mail.ru](mailto:askenderov@mail.ru); Aminat I. Rabadanova: [ashty06@mail.ru](mailto:ashty06@mail.ru).

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