

Record of *Lacerta agilis bosnica* (Linnaeus, 1758) *erythronotus* coloration morph from Zelengora mountain, Bosnia and Herzegovina

Nalaz *Lacerta agilis bosnica* (Linnaeus, 1758) *erythronotus* tipa obojenosti sa planine Zelengore, Bosna i Hercegovina

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Figure 1. The *erythronotus* coloration morph from Zelengora, Bosnia and Herzegovina
Slika 1. Jedinka s *erythronotus* tipom obojenosti sa Zelengore, Bosna i Hercegovina

The Sand Lizard, *Lacerta agilis* Linnaeus, 1758, is a widely distributed species in Bosnia and Herzegovina. It occurs in the northern lowlands from 70 m a.s.l. till the high mountain grasslands even above 2000 m (RADOVANOVIĆ, 1951). In Bosnia and Herzegovina two subspecies of the Sand Lizard appear, *Lacerta agilis argus* Laurenti, 1768 and *Lacerta agilis bosnica* Schreiber, 1912 (BISCHOFF, 1988, KALYABINA et al., 2001). *Lacerta agilis bosnica* is very common mountain species that inhabits dinaric mountain range that makes up 80% of the country. *Lacerta agilis*, colouration morph *erythronotus*, are known to appear in different parts of Central and Eastern Europe (BISCHOFF, 1988). Accordingly there are also records of *erythronotus* morph from neighbouring countries: Slovenia (VOGRIN, 1999),

Croatia (JELIĆ, 2010) and Montenegro (SCHWEIGER, 2008). WERNER (1898) was the first to mention „*Lacerta agilis* var. *erythronota*“ from Bosnia and Herzegovina (Travnik and Glamoč area). Later VEITH (1991) in 1925. mentions that he found several individuals of this coloration morph in „Bosnia and Herzegovina“ but not defining the exact localities. He also mentions one near-*erythronotus* male from Dobropolje (between Trnovo and Kalinovik). During herpetological field research on July 15, 2011, in Southeastern Bosnia and Herzegovina, on Zelengora mountain authors caught one male *erythronotus* coloration morph of *Lacerta agilis* (Fig. 1). This specimen was found in low grass on open mountain grassland, at 1550 m above sea level (X 5798823, Y 4805378). Zelengora mountain now represents the only exact finding place of *erythronotus* coloration morph in Bosnia and Herzegovina.

REFERENCES

- BISCHOFF, W. (1988): Zur Verbreitung und Systematik der Zauneidechse, *Lacerta agilis* Linnaeus, 1758. *Mertensiella* **1**, 11–30.
- JELIĆ, D. (2010): First record of the *erythronotus* coloration morph in *Lacerta agilis argus* Laurenti, 1768 from Croatia. *Nat. Croat.*, Vol. 19, No. 2, 459–462.
- KALAYABINA, S.A., MILTO, K.D., ANANJEVA, N.B., LEGAL, L., JOGER, U. & WINK, M. (2001): Phylogeography and systematics of *Lacerta agilis* based on mitochondrial cytochrome B gene sequences: first results. *Russ. J. Herpetol.* **8** (2), 149–158.
- RADOVANOVIĆ, M. (1951): Vodozemci i gmizavci naše zemlje. Naučna knjiga, Beograd.
- SCHWEIGER, M. (2008): First record of the *erythronotus* mutation in *Lacerta agilis cf. bosnica* Schreiber, 1912. *Herpetozoa* **20** (3/4), 174.
- VEITH, G. (1991): Die Reptilien Bosniens und der Herzegowina. Teil I.- *Herpetozoa*, Wien; 3 (3/4): 97-194. (first published in 1925.)
- VOGRIN, N. (1999): First data on the occurrence of *Lacerta agilis »erythronotus«* in Slovenia. *Bol. Asoc. Herpetol. Esp.* **10**, 28–29.
- WERNER, F. (1898): Prilozi poznavanju faune reptilija i batrahija Balkanskog poluostrva. *Glasnik Zemaljskog muzeja u Bosni i Hercegovini* **10**, 131-156.