THE TAXONOMIC STATUS OF *Lacerta composita* MÉHELY, 1909
(SQUAMATA: SAURIA: LACERTIDAE)

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Submitted December 30, 2017

The purpose of this work, under Articles 23.9.1.2, 23.9.2, and 24.2 of the International Code of Zoological Nomenclature, is to conserve the priority of the specific name *Lacerta mixta* Méhely, 1909. This name is threatened by the never-used-as-valid name *Lacerta composita* Méhely, 1909. It is proposed that *Lacerta mixta*, Méhely, 1909, is given precedence as a nomen protectum over *Lacerta composita* Méhely, 1909, which will be considered as a nomen oblitum.

Keywords: nomenclature; Georgia; rock lizards; *Darevskia mixta*; nomen oblitum; nomen protectum.

In 1909, the Hungarian zoologist Lajos Méhely (Ludwig von Méhely in its German form; 1862 – 1953) published “Materialien zu einer Systematik und Phylogenie der *muralis*-ähnlichen Lacerten.” In this publication, Méhely provided detailed descriptions of several forms of lizards (synonyms, general morphology, size, color, scalation, skull structure), especially of the Caucasus and surrounding areas.

In his footnote to the sentence “Das erwachsene Männchen hat niemals so kräftig entwickelte, grosse Femoralporen wie bei *Lacerta saxicola* und den meisten *Lacerta*-Arten” on page 564, Méhely mentioned that this form might be a hybrid and noted: “Ein gutes Unterscheidungsmerkmal gegenüber *Lacerta saxicola gracilis*, bei welcher Unterart schon die jüngeren und kleineren Männchen kräftigere Femoralporen besitzen als die älteren und grösseren von *Lacerta caucasica*. Das erwachsene ♀ vom Tana-Thal hat beiderseits 20 grosse, kräftig entwickelte Femoralporen! Da dieses Stück auch in anderen Charakteren (längere Gliedmassen, acht Ventralfugenreihen, 3 – 4 Schuppenreihen auf die Länge einer Bauchplatte, am Schenkel mehr Schildchenreihen) ziemlich abweicht, liegt die Vermuthung nahe, dass es ein Bastard zwischen *Lacerta caucasica* und *L. saxicola* var. *Defilippii* sein kann. Sollte es sich für eine besondere Art entpuppen, würde ich dieselbe *Lacerta composita* nennen” (Fig. 1).

The publication of Méhely (1909) was highly respected by the leading Russian herpetologist at that time, Alexander M. Nikolsky, who in general shared Méhely’s points of view on the systematics of the tribe Lacertini; however, Nikolsky did not make any personal conclusion about the status of *Lacerta composita* (Nikolsky, 1913, 1915).

The leading world expert on rock lizards, Ilya S. Darevsky, drew the following conclusion from the text of Méhely (1909): “Apparently, the adult male of a rock lizard from the Atensky Gorge in Georgia described by Méhely (1909) is a possible hybrid species, *Lacerta composita*” (p. 109, Darevsky, 1967, in translation from the original Russian) and considered that it belonged to the subspecies *Lacerta rudis obscura* [= *Darevskia rudis* ob-
scura (Lantz et Cyrén, 1936). Most probably Darevsky (1967) did not examine the holotype of *L. composita* because his records are absent from the catalog of the NMG (Fig. 2). I assume that Darevsky’s identification was based on his personal observations and the species composition of his collections from the Ateni Valley River (one of the names of Tana Valley River). Darevsky’s collection of *D. r. obscura* from the vicinity of Kvemo-Bo-shuri Village (in this river valley) (7 specimens, collected on 23.07.1963), is stored in the Zoological Institute, Russian Academy of Sciences (ZISP 17746).

In May 2014, I studied the lacertids in the herpetological collection of the NMG. In jar No. 269 (which corresponds to the old collection number 26b), only the holotype of *L. composita* was found, with the label “*Lacerta saxicola caucasica* Méhely. + [this mark indicates a hybrid] *Lacerta saxicola defilippii*”. Tana Valley River Lenk[oransky]. u[ezd] VII [18]95 Leg. König Det. Méhely.” There is a mistake in the rewritten label of Méhely: in his publication, he clearly questioned the locality with an “?”: “Tana-Thal (Kreis Lenkoran?)” (p. 573, Méhely, 1909).

Currently, the holotype of *L. composita* is in bad condition (it is rotten) (Fig. 3). Because of this it was impossible to examine its morphology accurately. However, having analyzed Méhely’s text (he gives detailed morphological characters on pages 561 – 562 and 566 – 567) and having studied the remaining characters which are in good condition on the holotype, it is possible to attribute this specimen to *Darevskia mixta* (Méhely, 1909). This identification is supported by a large wedge-shaped post-central temporal (between large tympanic plates and a central temporal plate); rostral and fronto-nasal plates are in contact. Moreover, this specimen was collected together with *D. derjugini*. I also hypothesize that the collection place of the holotype is most likely situated in the forested part of the Tana Valley River, as both species of lizards known from there live in forests.

In the same publication Méhely (1909) described one taxon under two different names. This might have happened because Méhely had too few specimens for com-
parative study and in this condition individual or specific differences are difficult to discriminate. Boulenger (1920) provided data by Louis A. Lantz, who was the first scientist to consider *Lacerta mixta* and *L. composita* to be conspecific (Boulenger, 1920, p. 282). Following Lantz, Boulenger (1920) considered these forms as indistinguishable and placed both in the synonymy of *Lacerta saxicola* var. *chalybea* Eichwald, 1831.

Therefore, the name *Lacerta composita* has never been used as a valid name; contrary to the name *Lacerta mixta*, which has been used as a valid name in numerous papers (more than 25 times), published by different authors (more than 10), over the last 50 years and, therefore, encompassing a span of not less than 10 years (Appendix). As far as I know, all conditions of Articles 23.9.1.2 and 23.9.2 of the Code are met for the reversal of the priority of the never-used *L. composita*. On the basis of the Principle of First Reviser (Article 24.2) for stabilization of the nomenclature, I here recommend to designate the name *Lacerta composita* Méhely, 1909 (Type locality: Tana Valley River, Shida Kartli Region, Georgia, the place of collection of holotype — NMG 269) as a nomen oblitum, and the name *Lacerta mixta* Méhely, 1909 (Type locality: Abastumani, Samtskhe-Javakheti Region, Georgia, the place of collection of the lectotype designated by R. Mertens (1967) — SMF 12087) as a nomen protectum.

Acknowledgments. I am grateful to K. Adler, O. J. Arribas, A. V. Barabanov, A. Bauer and I. Ineich for their valuable comments. Special thanks go to N. B. Ananjeva for her help in the processing of the Georgian herpetological collection. This study was funded by RFBR (research projects Nos. 16-04-00395 and 18-04-00040).

REFERENCES


APPENDIX

The list of publications containing the name *Lacerta mixta* Méhely, 1909 [= *Darevskia mixta* (Méhely, 1909)]: 26 works, published by many authors (many more than 10) in the immediately preceding 50 years and encompassing a span of not less than 10 years


