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A new species of the genus *Alopia* H. & A. ADAMS (Gastropoda, Pulmonata, Clausiliidae) from Lotru valley, southern Carpathians, Romania

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Abstract: In this paper a new species of the genus *Alopia* H. & A. ADAMS (Clausiliidae, Aloiinae) from Lotru valley, southern Carpathians, Romania, is described: *A. hirschfelderi* n. sp.

Keywords: Gastropoda, Pulmonata, Clausiliidae, *Alopia*, new species, Romania.

Zusammenfassung: In dieser Arbeit wird eine neue Art der Gattung *Alopia* H. & A. ADAMS (Clausiliidae, Aloiinae) vom Lotru-Tal, Südkarpaten, Rumänien, beschrieben: *A. hirschfelderi* n. sp.

Introduction

H.-J. HIRSCHFELDER (Kelheim), together with T. SCHNEID, collected a right-coiled *Alopia* species near Brezoi, Lotru valley, Romania, which he failed to determine, because the right-coiled species from that region, *A. hildegardae* R. KIMAKOWICZ 1931 occurring nearby or *A. bielzii* (L. PFEIFFER 1849) more far away, are different. Therefore, he sent me pictures and then specimens for determination. Because I could not identify the species with any other one, I came to the conclusion to be in for a new species.

A comparison with all known right-coiled *Alopia* species (NORDSIECK 2008) had the result that the assumed new species differs from all of them. It is externally similar to a fossil ribbed subspecies of *A. hildegardae*, *A. h. majorosi* SZEKERES 2007, from deposits of the Polovragi cave in close neighbourhood. Furthermore, it bears resemblance to *A. helenae* R. KIMAKOWICZ 1928, especially to its ribbed subspecies *A. h. ciucasiana* GROSSU 1969. This species, however, lives in the southeastern Ciucaş Mountains in a distance of about 140 km as the crow flies.

Material and methods

The material this paper is based on consists of 24 specimens, most of them collected as empty shells. Soft material for the examination of genital characters was not available. One subadult specimen was still alive and was preserved for DNA analysis.

As to the methods of shell examination and the respective terms see NORDSIECK (2007: chapter XII, with appendix 2).

Abbreviations of shell measurements:

H = Shell height; D = shell width; H_A = aperture height; D_A = aperture width; R = rib number on penultimate whorl; W = whorl number.

Abbreviations of collections:

coll. = Collection; HNC = Haus der Natur - Cismar; SMF = Forschungsinstitut Senckenberg Frankfurt a. Main.