

**Recent records of *Remyella propiformis* A. Winkler, 1933 (Coleoptera: Leiodidae: Cholevinae: Leptodirini) from the Đalovića Pećina Cave in Montenegro**

Josef MORAVEC

Biospeleological Section at the Professor Karel Absolon Memorial,  
Dietrichstein Palace, Zelný trh 8, CZ-659 37 Brno, Czech Republic  
e-mail: morawitz65@gmail.com

**Distribution, Coleoptera, Leiodidae, Cholevinae: Leptodirini, *Remyella propiformis*, Montenegro, Palaearctic Region**

**Abstract.** Recent records of *Remyella propiformis* A. Winkler, 1933 from the Đalovića Pećina Cave (Pećina nad Vražjim Firovima Cave), Pešter Plateau in NE Montenegro collected by Czech members of the Medúza Expeditions are presented.

## INTRODUCTION

Currently, Njunjić et al. (2017) recognized five species of the genus *Remyella* Jeannel, 1931 inhabiting throughout the Pešter Plateau in three isolated karstic areas: (1) surroundings of Sjenica in SW Serbia (*R. javorensis* S. B. Čurčić et B. P. M. Čurčić, 2008), (2) surroundings of Novi Pazar in SW Serbia (*R. raskae* S. B. Čurčić et B. P. M. Čurčić, 2008) and (3) an extensive zone oriented NW - SE, on the Serbo-Montenegrian border (*R. hussoni* Jeannel, 1934, *R. propiformis* Winkler, 1933, *R. scaphoides* Jeannel, 1931). Specimens described as *Remyella montenegrina* S. B. Čurčić, Antić, N. B. Čurčić et B. P. M. Čurčić, 2013 from the Đalovića Pećina Cave were synonymized with *R. propiformis* by Njunjić et al. (2017), based on studying of the genitalia - median lobe of the aedeagus narrow, and with a sharp apex (see Njunjić et al. 2017: 155; cf. Čurčić et al. 2013: 1220-1221).

This paper presents distributional information based on material of *Remyella propiformis* collected during the Czech speleological expeditions Medúza in 2004, 2005 and 2014 to the Đalovića Pećina Cave (Čermák 2014, Sirotek 2005, 2006, 2015).

## MATERIAL AND METHODS

Following acronyms are used in the text:

- BIOD Biospeleological Depository, Cave Administration of the Czech Republic, Blansko, Czech Republic;  
CBR collection of Jiří Brestovanský, Neratovice, Czech Republic;  
CJM collection of Josef Moravec, Brno, Czech Republic;  
CMP collection of Michel Perreau, Paris, France;  
CPMG collection of Pier Mauro Giachino, Torino, Italy.

For specimens examined, all data are presented in full.

## RESULTS

### *Remyella propiformis* A. Winkler, 1933

**Material examined:** Montenegro, Pećina Dalovica [cave], 25.viii.2004, M. Honeš leg., 1 ♂, 1 ♀ (CBR); the same locality, Bijelo Polje, Pešter [Mts], Dalovica cave [= Pećina nad Vražjim Firovima Cave], 26.viii.-4.ix.2005, J. Brestovansky leg., 20 ♂♂, 20 ♀♀ (BIOD, CBR, CJM, CMP, CPMG); the same locality, Pećina nad Vražjim Firovima [cave], 20.viii.-31.viii.2014, J. Sirotek leg., 1 ♀ (CJM).

**Remarks.** *R. propiformis* is known also from the Jagoševa pećina in Đalovića klisura. The cave is situated about 100 m above the river bed of the Bistrica on the part where a big elbow of the river begins, which is about 700 m downstream from the foot of the hanging mouth of Duga Dolina above the Bistrica River Gorge (Nešić 2015). Caves in the Đalovića klisura were previously reported already by Pretner (1977: 105) “Pećine u klisuri potoka Bistrice W od Peštrskog polja” without more details.

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Map 1. Location of caves in the Đalovića klisura of the Pešter Plateau. [http://www.asak.org.rs/caves/firovi/firovisurvey\\_y.htm](http://www.asak.org.rs/caves/firovi/firovisurvey_y.htm) 1 - Đalovića Pećina Cave, Đalovići, 43°04'35.2" N, 19°55'21.9" E, 820 m altitude; 2 - Jagoševa pećina Cave, Crvsko, 43°04'52.9" N, 19°55'23.2" E, 1184 m alt.

## REFERENCES

- ČERMÁK J. 2014: *Medúza 2014*. <http://www.speleoaquanaut.cz/clanek-meduza-2014-79-285> (30.5.2017).  
ČURČIĆ S. B., ANTIĆ D. Ž., ČURČIĆ N. B. & ČURČIĆ B. P. M. 2013: *Remyella montenegrina*, a new troglobitic leioidid beetle (Coleoptera: Leiodidae: Leptodirini) from northeastern Montenegro. *Archives of Biological Sciences* 65: 1217-1222.

- NEŠIĆ D. 2015: Results of the speleological exploration on Pešter Plateau. *Bulletin of the Serbian Geographical Society* 95(4): 1-30.
- NJUNJIĆ I., SCHILTHUIZEN M., PAVIĆEVIĆ D. & PERREAU M. 2017: Further clarifications to the systematics of the cave beetle genera *Remyella* and *Rozajella* (Coleoptera: Leiodidae: Cholevinae: Leptodirini). *Arthropod Systematics & Phylogeny* 75: 141-158.
- PRETNER E. 1977: Übersicht der unterirdischen Koleopterenfauna Montenegros. *Glasnik Odjeljenja Prirodnih Nauka, Crnogorska Akademija Nauka i Umjetnosti, Titograd* 2: 91-186 (in Croatian, German summary).
- SIROTEK J. 2005: Expedition Medúza 2004. *Speleofórum* 24: 71-73 (in Czech, English summary).
- SIROTEK J. 2006: Medúza Expedition 2005. *Speleofórum* 25: 29-31 (in Czech, English summary).
- SIROTEK J. 2015: Medúza 2014. *Speleofórum* 34: 81-83 (in Czech, English summary).

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