

ISSN 0392-6672

International Journal of Speleology

Official Journal of the Union Internationale de Spéléologie

Volume 42 (3) - September 2013

International Journal of Speleology

Scholarcommons.usf.edu/ijis/ & www.ijis.speleo.it

Volume 42(3), September 2013

Editorial

Bogdan Onac..... I

Original papers

Loren Bruce Railsback, Pete D. Akers, Lixin Wang, Genevieve A. Holdridge, and Ny Riavo Voarintsoa

Layer-bounding surfaces in stalagmites as keys to better paleoclimatological histories and chronologies 167-180

Annette Summers Engel, Maurizio G. Paoletti, Mattia Beggio, Luca Dorigo, Alberto Pamio, Tiziano Gomiero, Claudio Furlan, Mauro Brillì, Angelo Leandro Dreon, Roberto Bertoni, and Andrea Squartini

Comparative microbial community composition from secondary carbonate (moonmilk) deposits: implications for the Cansiliella servadeii cave hydropetric food web..... 181-192

Victor J. Polyak, Harvey R. DuChene, Donald G. Davis, Arthur N. Palmer, Margaret V. Palmer, and Yemane Asmerom

Incision history of Glenwood Canyon, Colorado, USA, from the uranium-series analyses of water-table speleothems..... 193-202

Benjamin W. Tobin, Benjamin T. Hutchins, and Benjamin F. Schwartz

Spatial and temporal changes in invertebrate assemblage structure from the entrance to deep-cave zone of a temperate marble cave..... 203-214

Tanja Pipan and David C. Culver

Forty years of epikarst: what biology have we learned?..... 215-223

Gregor Muri, Aleksandra Jovičić, and Andrej Mihevc

Source assessment of deposited particles in a Slovenian show cave (Postojnska jama): evidence of long-lasting anthropogenic impact..... 225-233

Marjan Temovski, Philippe Audra, Andrej Mihevc, Jorge E. Spangenberg, Victor Polyak, William McIntosh, and Jean-Yves Bigot

Hypogenic origin of Provalata Cave, Republic of Macedonia: a distinct case of successive thermal carbonic and sulfuric acid speleogenesis..... 235-246

Jonathan B. Sumrall, John E. Mylroie, and Hans G. Machel

Unusual polygenetic void and cave development in dolomitized Miocene chalks on Barbados, West Indies..... 247-255

Nataša Mori and Anton Brancelj

Differences in aquatic microcrustacean assemblages between temporary and perennial springs of an alpine karstic aquifer..... 257-266

**Erika Linzi Silva Taylor, Maria Aparecida de Resende Stoianoff,
and Rodrigo Lopes Ferreira**

*Mycrological study for a management plan of a neotropical show cave (Brazil).....*267-277

Magda Mandić, Andrej Mihevc, Albrecht Leis, and Ines Krajcar Bronić

*Concentration and stable carbon isotopic composition of CO₂ in cave air of Postojnska jama, Slovenia.....*279-287

**Lena Norbäck Ivarsson, Magnus Ivarsson, Johannes Lundberg,
Therese Sallstedt, and Catarina Rydin**

*Epilithic and aerophilic diatoms in the artificial environment of Kungsträdgården metro station,
Stockholm, Sweden.....*289-297

World Karst Science Reviews

Cave and Karst Science of the British Cave Research Association

Volume 40(2), August 2013..... II

Journal of Cave and Karst Studies of the National Speleological Society

Volume 75(2), August 2013..... II

Karstologia

Volume 58, 2011 III

Travaux de l'Institute de Spéologie "Émile Racovitza"

Volume LI, 2012 III