

International Journal of Speleology

Official Journal of the Union Internationale de Spéléologie

Guest Editors:

Alexander Klimchouk (Hypogene Karstification)

Francesco Sauro (Siliciclastic Karst)

Volume 47 (3) - September 2018

International Journal of Speleology

Scholarcommons.usf.edu/ijss/

Volume 47 (3), September 2018

Original papers

Hypogene Karstification

David D. Decker, Victor J. Polyak, and Yemane Asmerom

Spar caves as fossil hydrothermal systems: Timing and origin of ore deposits in the Delaware Basin and Guadalupe Mountains, New Mexico and Texas, USA263-270

Ilenia M. D'Angeli, Cristina Carbone, Maria Nagostinis, Mario Parise, Marco Vattano, Giuliana Madonia, and Jo De Waele

New insights on secondary minerals from Italian sulfuric acid caves271-291

Kevin W. Stafford, Jon Ehrhart, Adam Majzoub, Jessica Shields, and Wesley Brown

Unconfined hypogene evaporite karst: West Texas and southeastern New Mexico, USA.....293-305

Amos Frumkin, Shlomi Aharon, Uri Davidovich, Boaz Langford, Yoav Negev, Micka Ullman, Anton Vaks, Shemesh Ya'aran, and Boaz Zissu

Old and recent processes in a warm and humid desert hypogene cave: 'A'rak Na'asane, Israel.....307-321

Kevin W. Blackwood, Laine A. Sanders, and Stacy I. Gantt-Blackwood

Interpreting the origin and evolution of 'karst' features from a siliceous hydrothermal terrane: A case study from the Upper Geyser Basin in Yellowstone National Park, USA323-331

N. Nur Ozyurt and C. Serdar Bayari

Evolution of noble gas and water isotopes along the regional groundwater flow path of the Konya Closed Basin, Turkey333-342

Siliciclastic Karst

Filip Duszyński, Kacper Jancewicz, and Piotr Migoń

Evidence for subsurface origin of boulder caves, roofed slots and boulder-filled canyons (Broumov Highland, Czechia).....343-359

Joyce Lundberg, Charles Brewer-Carías, and Donald A. McFarlane

On biospeleothems from a Venezuelan tepui cave: U-Th dating, growth rates, and morphology361-378

Jan Lenart, Martin Kašing, Petr Tábořík, Natalia Piotrowska, and Jacek Pawlyta

The Cyrilka Cave—the longest crevice-type cave in Czechia: structural controls, genesis and age379-392

Nils-Axel Mörner and Rabbe Sjöberg

Merging the concepts of pseudokarst and paleoseismicity in Sweden: A unified theory on the formation of fractures, fracture caves, and angular block heaps393-405

María J. López-Galindo

The role of mites in the construction and weathering of siliceous biospeleothems407-415

Announcements

Susan White

Kenneth George Grimes (1944 – 2016)417-419

Robert W. Young

Robert A.L. Wray (1966-2017).....421-423