

Sponsorships and thanks

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- The GHAR PARAU FOUNDATION for the GHAR PARAU EXPEDITION GRANT AWARD, its subset, the ALEX PITCHER AWARD which helped new young cavers buy their caving helmets and lights and allowed them into expedition caving. This ongoing support played a pivotal role in promoting a thriving club community.
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- IMPERIAL REPORTER
- The IMPERIAL COLLEGE EXPLORATION BOARD.

* * *

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- *Andrej Fratnik*, whose welcoming spirit sparked this joint venture and whose participation in the project from the very early start to this day has never faltered.

Hall of Fame

Here follows a non-exhaustive list of the members involved in the exploration of TOLMINSKI MIGOVEC during the last five expeditions. Please forgive any omissions.

Gergely Ambrus	Grega Maffi
Erik Bončina	Nejc Maver
Jana Čarga	Christopher McDonnell
Klemen Čibej	Martin McGowan
Tim Child	Iztok Možir
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Jan Evetts	Samuel Page
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William French	Tanguy Racine
Jarvist Frost	Zdenko Rejec
Sarah Gian	Mark Reznikov
Daniel 'Dan' Greenwald	Miriam Ridaó
Peter Hambley	Dejan Ristić
Jack Hare	Karin Rutar
Fiona Hartley	Tjaša Rutar
James 'Tetley' Hooper	William Scott
Antonio Ivšak	Alexander Seaton
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Nadine Kalmoni	Kenneth Tan
Maniesha Kaur	Blaž Trušnovec
Chris Keeley	Rhys Tyers
Saber King	David Wilson
David Kirkpatrick	James 'Jimmy Dubz' Wilson
Peter Leban	David 'Davey Dubz' Wilson
Dewi Lloyd	Matjaž Žetko

Post-script

Collection of the articles Work on this publication started in 2015, in the wake of the previous 2014 *Skosi Zrcalo* expedition where the editor of this volume first explored TOLMINSKI MIGOVEC. Writing the reports, collecting them and curating them, it soon became apparent that this volume should span at most 6 years — the first volume of *The Hollow Mountain* covered 1974-2006, giving individual chapters to each year from 1994 onwards. As soon as 2016, this was shortened to 5 year (2013-2017), taking up the narrative right after the 2012 connection success and carrying through to the new chapters of exploration inside PRIMADONA.

The authors who provided reports, anecdotes or short stories come from a wide spectrum of explorers ranging novices to longstanding members of the club, each with their own baggage of experience and perception of exploration. Restricted though it is, this variety of voices paints a fuller, more nuanced take on the story of exploration.

Format of this publication In view of their length, many of the collected articles span more than a double page. We have enhanced these entries by providing supplementary photographs, grade 1 surveys and logbook extracts which offer a nice counterpoint.

Language This is not a bilingual publication but when available we have included original reports in Slovene, and with these we have provided an English translation. The publication

keeps, as such, a close focus on the doings of ICCC members over the summer expeditions enhanced by JSPDT counterpoints.

Graphics This present volume relies heavily on colour photography to convey the scale and morphology of the cave, as well as provide snapshots of the life on the Mountain, so we must extend a huge *thank you* to the photographers who lugged extra equipment inside the cave and took out the time to document the newly discovered passages, almost always at the expense of further exploration.

In keeping with the previous two volumes, we have also included 'Grade 1' surveys and cartoons recorded in the various notebooks brought back to the UK. As far as possible, these have been the benchmark for drawing the cave passage outlines on the fair copy surveys.

The photographers and cartoonists are credited for these contributions in the captions.

Surveys and maps

If it does not appear on the survey, it does not exist.

The survey making procedure is detailed in another chapter, but it is safe to say that without the time and effort spent in drawing the plans and extended elevation, we would not be in the position to present our findings in a visual way. The result is a multitude of maps and surveys we could include, annotate and comment on within this publication.

Bibliography

- Aoudia, A., Zille, A., Borghi, A., Riva, R., Barzaghi, R., Zivcic, M., and Panza, G. (2005). The July 2004 Western Slovenia earthquake: From localised fault-scale complexities to distributed deformation at the junction between the south-eastern Alps and External Dinarides. In *Geophys. Res. Abstr*, volume 7, page 09258.
- Audra, P. (2000). Le karst haut alpin du Kanin (Alpes juliennes, Slovénie-Italie). état des connaissances et données récentes sur le fonctionnement actuel et l'évolution plio-quaternaire des structures karstiques. *Karstologia*, 35(1):27–38.
- Bajc, J., Aoudia, A., Sarao, A., and Suhadolc, P. (2001). The 1998 Bovec-Krn Mountain (Slovenia) Earthquake Sequence. *Geophysical Research Letters*, 28(9):1839–1842.
- Balog, A., Haas, J., Read, J. F., and Coruh, C. (1997). Shallow marine record of orbitally forced cyclicity in a Late Triassic carbonate platform, Hungary. *Journal of Sedimentary Research*, 67(4).
- Bavec, M., Tulaczyk, S. M., Mahan, S. A., and Stock, G. M. (2004). Late Quaternary glaciation of the Upper Soča River Region (Southern Julian Alps, NW Slovenia). *Sedimentary geology*, 165(3-4):265–283.
- Bosellini, A. and Rossi, D. (1974). Triassic carbonate buildups of the Dolomites, northern Italy.
- Burrato, P., Poli, M. E., Vannoli, P., Zanferrari, A., Basili, R., and Galadini, F. (2008). Sources of Mw 5+ earthquakes in northeastern Italy and western Slovenia: an updated view based on geological and seismological evidence. *Tectonophysics*, 453(1-4):157–176.
- Buser, S. (1986). Tolmač listov Tolmin in Videm (Udine). osnovna geološka karta SFrJ 1: 100 000. *Zvezni geološki zavod Beograd*.
- Castellarin, A. and Cantelli, L. (2000). Neo-Alpine evolution of the southern Eastern Alps. *Journal of Geodynamics*, 30(1-2):251–274.
- Catalano, R., D'Argenio, B., and Lo Cicero, G. (1974). I ciclotemi triasici di Capo Rama (Monti di Palermo). *Geol. Romana*, 13(125):x2013.
- Celarc, B., Gale, L., and Kolar-Jurkovšek, T. (2014). New data on the progradation of the Dachstein carbonate platform (Kamnik-Savinja Alps, Slovenia). *Geologija*, 2(57):95–104.

- Corripio, J. G. (2003). Vectorial algebra algorithms for calculating terrain parameters from DEMs and solar radiation modelling in mountainous terrain. *International Journal of Geographical Information Science*, 17(1):1–23.
- Cozzi, A., Hinnov, L. A., and Hardie, L. A. (2005). Orbitally forced Lofer cycles in the Dachstein Limestone of the Julian Alps (north-eastern Italy). *Geology*, 33(10):789.
- Cunningham, D., Grebby, S., Tansey, K., Gosar, A., and Kastelic, V. (2006). Application of airborne LiDAR to mapping seismogenic faults in forested mountainous terrain, southeastern Alps, Slovenia. *Geophysical Research Letters*, 33(20).
- Doglioni, C. and Bosellini, A. (1987). Eoalpine and mesoalpine tectonics in the Southern Alps. *Geologische Rundschau*, 76(3):735–754.
- Dreybrodt, W. (1996). Principles of early development of karst conduits under natural and man-made conditions revealed by mathematical analysis of numerical models. *Water Resources Research*, 32(9):2923–2935.
- Enos, P. and Samankassou, E. (1998). Lofer cyclothems revisited (late Triassic, northern Alps, Austria). *Facies*, 38(1):207.
- Fischer, A. G. (1975). Tidal deposits, Dachstein limestone of the north-alpine Triassic. In *Tidal deposits*, pages 235–242. Springer.
- Fisher, A. (1964). The Lofer cyclothems of the Alpine Triassic. *Bulletin Kansas Geological Survey*, 169:107–149.
- Fitzko, F., Suhadolc, P., Aoudia, A., and Panza, G. (2005). Constraints on the location and mechanism of the 1511 Western-Slovenia earthquake from active tectonics and modeling of macroseismic data. *Tectonophysics*, 404(1):77–90.
- Ford, D. and Williams, P. D. (2013). *Karst hydrogeology and geomorphology*. John Wiley & Sons.
- Goldhammer, R., Dunn, P., and Hardie, L. (1990). Depositional cycles, composite sea-level changes, cycle stacking patterns, and the hierarchy of stratigraphic forcing: examples from Alpine Triassic platform carbonates. *Geological Society of America Bulletin*, 102(5):535–562.
- Grenerczy, G., Sella, G., Stein, S., and Kenyeres, A. (2005). Tectonic implications of the GPS velocity field in the northern Adriatic region. *Geophysical Research Letters*, 32(16).
- Haas, J. (2004). Characteristics of peritidal facies and evidences for subaerial exposures in Dachstein-type cyclic platform carbonates in the Transdanubian Range, Hungary. *Facies*, 50(2):263–286.
- JSPDT, I. C. C. C. (2007). *the Hollow Mountain (1994-2006)*, volume 1, chapter 2006. ICC - JSPDT.

- Kastelic, V., Vrabec, M., Cunningham, D., and Gosar, A. (2008). Neo-Alpine structural evolution and present-day tectonic activity of the eastern Southern Alps: the case of the Ravne Fault, NW Slovenia. *Journal of structural geology*, 30(8):963–975.
- Kryštufek, B. (1991). *Sesalci Slovenije*. University of Maribor, Faculty of Education.
- Kryštufek, B. (2001). Compartmentalisation of the body of a fat dormouse *Glis glis*. *Trakya University Journal of Scientific Research B*, 2:95–106.
- Kunaver, J. (1983). *Geomorfološki razvoj Kaninskega pogorja s posebnim ozirom na glaciokraške pojave: Geomorphology of the Kanin mountains with special regard to the glaciokarst (Northwestern Slovenia)*. Slovenska akademija znanosti in umetnosti.
- Marton, E., Drobne, K., Čosovič, V., and Moro, A. (2003). Palaeomagnetic evidence for Tertiary counterclockwise rotation of Adria. *Tectonophysics*, 377(1):143–156.
- Ogorelec, B. and Buser, S. (1996). Dachstein Limestone from Krn in Julian Alps (Slovenia). *Geologija*, 39(unknown):133–157.
- Placer, L. (1998). Contribution to the macrotectonic subdivision of the border region between Southern Alps and External Dinarides. *Geologija*, 41(unknown):223–255.
- Polak, S. (1997). The use of caves by the edible dormouse (*Myoxus glis*) in the Slovenian karst.
- Poli, M., Peruzza, L., Rebez, A., Renner, G., Slejko, D., and Zanferrari, A. (2002). New seismotectonic evidence from the analysis of the 1976-1977 and 1977-1999 seismicity in Friuli (NE Italy). *Boll. Geof. Teor. Appl*, 43(1-2):53–78.
- Poljak, M., Živčič, M., and Zupančič, P. (2000). The seismotectonic characteristics of Slovenia. In *Seismic Hazard of the Circum-Pannonian Region*, pages 37–55. Springer.
- Pondrelli, S., Ekström, G., and Morelli, A. (2001). Seismotectonic re-evaluation of the 1976 Friuli, Italy, seismic sequence. *Journal of Seismology*, 5(1):73–83.
- Scaravelli, D. and Bassi, S. (1995). *Myoxus glis* as a cave dwelling animal. *Hystrix, the Italian Journal of Mammalogy*, 6(1-2).
- Schwarzacher, W. (2005). The stratification and cyclicity of the Dachstein Limestone in Lofer, Leogang and Steinernes Meer (Northern Calcareous Alps, Austria). *Sedimentary Geology*, 181(1-2):93–106.
- Šmuc, A. and Rožič, B. (2009). Tectonic geomorphology of the Triglav Lakes Valley (easternmost Southern Alps, NW Slovenia). *Geomorphology*, 103(4):597–604.

- Šmuc, A. and Rožič, B. (2010). The Jurassic Prehodavci formation of the Julian Alps: easternmost outcrops of Rosso Ammonitico in the Southern Alps (NW Slovenia). *Swiss journal of geosciences*, 103(2):241–255.
- Spitzenberger, F., Bauer, K., Mayer, A., Weiß, E., Preleuthner, M., Sackl, P., and Sieber, J. (2001). Die Säugetierfauna Österreichs, Grüne Reihe des Bundesministeriums für Land-und Forstwirtschaft, Umwelt und Wasserwirtschaft. *Austria medien service, Graz*.
- Turk, J., Malard, A., Jeannin, P.-Y., Petrič, M., Gabrovšek, F., Ravbar, N., Vouillamoz, J., Slabe, T., and Sordet, V. (2015). Hydrogeological characterization of groundwater storage and drainage in an alpine karst aquifer (the Kanin massif, Julian Alps). *Hydrological processes*, 29(8):1986–1998.
- von Valvasor, J. W., Rupel, M., and Reisp, B. (1994). *Slava vojvodine Kranjske: izbrana poglavja*. Mladinska knjiga.
- Wu, J. E., McClay, K., Whitehouse, P., and Dooley, T. (2009). 4D analogue modelling of transtensional pull-apart basins. *Marine and Petroleum Geology*, 26(8):1608 – 1623.

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