

## Einzelveröffentlichungen ab 2015

(peer-review Publikationen durch Fettdruck gekennzeichnet)

- Kempe, S., Mills, M. & Young, I. (2015): Die eigentlich „berühmte“ Höhle bei Slains, Schottland: Historische Texte und Stiche einer so nicht mehr existierenden Höhle(The supposedly "famous" cave near Slains, Scotland: historical texts and engravings of a cave no longer existing in its depicted form). - Speläologisches Jahrbuch – Verein für Höhlenkunde in Westfalen 2010 - 2013 Iserlohn 2015, 93: 103116, 7 Abb.
- Kaźmierczak, J., Fenchel, T., Kühl, M., Kempe, S., Kremer, B., Łacka, B., Malkowski, K., 2015: CaCO<sub>3</sub> precipitation in multilayered cyanobacterial mats: clues to explain the alternation of micrite and sparite layers in calcareous stromatolites. – Life: Special Issue "Cyanobacteria: Ecology, Physiology and Genetics", Life 03/2015; 5(1):744-769. DOI: 10.3390/life5010744 Available from: [https://www.researchgate.net/publication/273444927\\_CaCO3\\_Precipitation\\_in\\_Multilayered\\_Cyanobacterial\\_Mats\\_Clues\\_to\\_Explains\\_the\\_Alternation\\_of\\_Micrite\\_and\\_Sparite\\_Layers\\_in\\_Calcareous\\_Stromatolites](https://www.researchgate.net/publication/273444927_CaCO3_Precipitation_in_Multilayered_Cyanobacterial_Mats_Clues_to_Explains_the_Alternation_of_Micrite_and_Sparite_Layers_in_Calcareous_Stromatolites) [accessed Mar 20, 2015].**
- Kempe, S., 2015: Unserem Ehrenmitglied Fritz Reinboth zum Achtzigsten. – Mitt. Verb. Dt. Höhlen- u. Karstforscher Jg. 61, 2015(2): 71-72.
- Kempe, S., & Ketz-Kempe, C., 2015: Die Suche nach der vierten Inschrift von J.A. Nagel von 1748 und die Entdeckung einer möglicherweise prähistorischen Glyphe in der Vilenica Cave, Slowenien. – Mitt. Verband dt. Höhlen u. Karstforscher, 61(3+4): 90-92.
- Kempe, S., Bauer, I., & Krause, O., 2016: Iberger Tropfsteinhöhle, Iberg, Harz Mountains, Germany: Hypogene Morphology and Origin by Siderite Weathering. – Accepted “Deep Karst”, Carlsbad, New Mexico, 11.-14. April, 2016.
- Kempe, S., & Ketz-Kempe, C., 2016: Towards understanding the structure of Kaumana Cave, Hawaii. - 17<sup>th</sup> Symp. on Vulcanospeleology, Ocean View, Hawaii, 7<sup>th</sup> to 12<sup>th</sup>, Feb. 2016. Submitted
- Kempe, S., Hartmann, J. & Woo, K.S., 2016: Comparison of Main Ion Composition of water samples from Lava Caves on Hawaii, USA, and Jeju Island, South Korea). - 17<sup>th</sup> Symp. on Vulcanospeleology, Ocean View, Hawaii, 7<sup>th</sup> to 12<sup>th</sup>, Feb. 2016. Submitted.
- Kempe, S. & Woo, K.S. 2016: Geological observations in pyroclasts of Jeju Island (South Korea). - 17<sup>th</sup> Symp. on Vulcanospeleology, Ocean View, Hawaii, 7<sup>th</sup> to 12<sup>th</sup>, Feb. 2016. Submitted.
- Rein, T., Kempe, S., & Dufresne, A., 2016: The “Cueva del Viento” on the Canaries, Spain. - 17<sup>th</sup> Volcanospeleological Symposium, Ocean View, Hawaii, 7<sup>th</sup> to 12<sup>th</sup>, Feb. 2016. Submitted.
- Michelsen, N., Dirks, H., Schulz, S., Kempe, S., Al-Saud, M., Schüth, C., 2016: YouTube as a crowd-generated water level archive. – Science of the Total Environment, 568: 189-195.**
- Bosted, P., Gracanic, T., Hackell, V., Scheffler, T. & Kempe, S., 2016: The Keokeo Cave System in Hawaii. - Newsletter of the Hawaii Speleological Survey of the Nat. Speleol. Soc. 39 (Spring 2016): 10-15.
- Kempe, S., & Ketz-Kempe, C., 2016: Towards understanding the structure of Kaumana Cave, Hawaii. – Newsletter of the Hawaii Speleological Survey of the Nat. Speleol. Soc. 39 (Spring 2016): 16-24.
- J.-L. Josset\*, F. Westall, B. A. Hofmann, J. Spray, C. Cockell, S. Kempe, A.D. Griffiths, M. Cristina de Sanctis, L. Colangeli, D. Koschny, K. Föllmi, E. Verrecchia, L. Diamond, M. Josset, E. J. Javaux, F. Esposito, M. Gunn, A. L. Souchon, T. Bontognali, O. Korablev, S. Erkman, G. Paar, S. Ulamec, F. Foucher, P. Martin, A. Verhaeghe, M. Tanevski, J. L. Vago, 2016: The Close-Up Imager (CLUPI) on board the ESA ExoMars Rover: Objectives, description, operations, and science validation activities. – Astrobiology, accepted**
- Kremer, B., Kaźmierczak, J. & Kempe, S., 2016: Early diagenetic replacement of cyanobacterially precipitated calcium carbonate by authigenic Si-phases in Lake Van (Turkey) giant microbialites. - Geobiology, submitted.**
- Kempe, S., Middleton, G., Toulkeridis, T., Addison, A. & Hoese, G., 2016: New Insights into the Genesis of Pyroclasts of the Galápagos Islands, Ecuador. – J. Cave Karst Stud. Submitted**