

## Anhang:

### **Begutachtete Publikationen von Mitarbeitern des Lehrstuhls aus dem Zeitraum 2015**

Nicht-begutachtete Arbeiten sowie Kurzbeiträge zu Konferenzen sind hier nicht berücksichtigt. Mitarbeiter des Lehrstuhls sind fett gedruckt.

**Frimmel, H.E.** (2015): Onset of crustal gold cycle triggered by first oxygenic photosynthesis. In André-Mayer, A.-S., Cathelineau, M., Muchez, P., Pirard, E., Sindern, S. (eds.) Mineral Resources in a Sustainable World, Proc. 13th Biennial SGA Meeting, 24-27 August 2015, Nancy, Université de Lorraine, 1, 25-28

**Frimmel, H.E., Hennigh, Q.** (2015): First whiffs of atmospheric oxygen triggered onset of crustal gold cycle. *Mineral. Deposita*, 50, 5-23

**Frimmel, H.E., Kawohl, A.** (2015): Isoferroplatinum-pyrrhotite-troilite intergrowth as evidence of desulfurization in the Merensky Reef at Rustenburg (western Bushveld Complex, South Africa). *Mineralogical Magazine*, in press

**Geyer, G.** (2015): Exotic trilobites from the Lower-Middle Cambrian boundary interval in Morocco and their bearing on the Cambrian Series 3 lower boundary, *Paläontologische Zeitschrift*, 89, 749-781

**Geyer, G., Corbacho, J.** (2015): The Burlingiidae (Trilobita): revised generic composition, stratigraphy, and the first species from the early Middle Cambrian of West Gondwana, *J. Geol. Soc. Sweden (GFF)*, 137, 3, 212-225

**Geyer, G., Buschmann, B., Elicki, O.** (2015): A new lowermost middle Cambrian (Serie 3, Stage 5) faunule from Saxony (Germany) and its bearing on the tectonostratigraphic history of the Saxothuringian domain, *Paläontologische Zeitschrift*, 88, 239-262

**Gradmann, R., Berthold, C., Schüßler, U.** (2015): Composition and colouring agents of historical Islamic glazes measured with EPMA and  $\mu$ -XRD2, *Eur. J. Mineral*, 27, 325-335

Grosch, E.G., **Frimmel, H.E.**, Abu-Alam, T., Košler, J. (2015): Metamorphic and age constraints on crustal reworking in the western H.U. Sverdrupfjella: implications for the evolution of western Dronning Maud Land, Antarctica, *Journal of the Geological Society*, 172, p. 499-518

Hagdorn, H., **Kelber, K.-P.**, Schoch, R. (2015): 15. Fossile Lebensgemeinschaften im Lettenkeuper. – In: Hagdorn, H., Schoch, R., Schweigert, G. (eds.): *Der Lettenkeuper – Ein Fenster in die Zeit vor den Dinosauriern. – Palaeodiversity Supplement (Staatliches Museum Stuttgart)*, 359-385

Hagdorn, H., **Kelber, K.-P.** (2015): 19. Kohle, Alaun und Vitriol – Historische Rohstoffgewinnung. - In: Hagdorn, H., Schoch, R., Schweigert, G. (eds.): *Der Lettenkeuper – Ein Fenster in die Zeit vor den Dinosauriern. – Palaeodiversity Supplement (Staatliches Museum Stuttgart)*, 417-426

**Höhn, S., Frimmel, H.E., Koglin, N.** (2015): Multi-stage sulfidation at Bavaria's largest Cu-Zn deposit (Kupferberg/Germany). In André-Mayer, A.-S., Cathelineau, M., Muchez, P., Pirard, E., Sindern, S. (eds.) Mineral Resources in a Sustainable World, Proc. 13th Biennial SGA Meeting, 24-27 August 2015, Nancy, Université de Lorraine, 5, 1917-1920

Hölzing, A., **Frimmel, H.E.**, Voland, V., Dremel, K., Zabler, S., Minter, W.E.L. (2015): The cover of Mineralium Deposita's anniversary volume uncovered. In André-Mayer, A.-S., Cathelineau, M., Muchez, P., Pirard, E., Sindern, S. (eds.) Mineral Resources in a Sustainable World, Proc. 13th Biennial SGA Meeting, 24-27 August 2015, Nancy, Université de Lorraine, 4, 1407-1410

**Nwaila, T.G., Frimmel, H.E.**, Minter, W.E.L., Beukes, N. (2015): Provenance and geochemical variations in shales of the Mesoarchaean Witwatersrand Supergroup. In André-Mayer, A.-S., Cathelineau, M., Muchez, P., Pirard, E., Sindern, S. (eds.) Mineral Resources in a Sustainable World, Proc. 13th Biennial SGA Meeting, 24-27 August 2015, Nancy, Université de Lorraine, 1, 169-172

**Kelber, K.-P.**, Schoch, R. (2015): 18. Lebensbilder des Lettenkeupers im Wandel der Zeiten. – In: Hagdorn, H., Schoch, R., Schweigert, G. (eds.): Der Lettenkeuper – Ein Fenster in die Zeit vor den Dinosauriern. – Palaeodiversity Supplement (Staatliches Museum Stuttgart), 407-413

**Kelber, K.-P.** (2015): 5. Die Makroflora des Lettenkeupers. - In: Hagdorn, H., Schoch, R., Schweigert, G. (eds.): Der Lettenkeuper – Ein Fenster in die Zeit vor den Dinosauriern. – Palaeodiversity Supplement (Staatliches Museum Stuttgart), 51-100

Lang, R., Haneke, J., **Lorenz, J., Okrusch, M.** (2015): Hydrothermale Kupfermineralisation im Steinbruch „Juchem“ und Umgebung, Niederwörresbach, Nahe Idar-Oberstein (Rheinland-Pfalz), Mitteilungen, Band 27, 196-226

Prakash, D., Deepak, Chandra Singh, P., Singh, C.K., Arima, M., **Frimmel, H.E.** (2015): Reaction textures and metamorphic evolution of sapphirine–spinel-bearing and associated granulites from Diguva Sonaba, Eastern Ghats Mobile Belt, India. Geol. Mag., 152, 316-340

**Ruppiené, V.** (2015): Naturstein-Inkrustationen aus den Bauten der Colonia Ulpia Traiana, Schriften zur Bodendenkmalpflege in NRW, Band 11.2, 93-96

Schmädicke, E., Gose, J., Reinhardt, J., **Will, T.M.**, Stalder R. (2015): Garnet in cratonic and non-cratonic mantle and lower crustal xenoliths from southern Africa: Composition, water incorporation and geodynamic constraints, Precambrian Research, 270, 285-299

Schmädicke, E.; **Will, T.M.**, Mezger, K. (2015): Garnet pyroxenite from the Shackleton Range, Antarctica: Intrusion of plume-derived picritic melts in the continental lithosphere during Rodinia breakup? Lithos 238, 185-206

Spiegel, T., Paeth, H., **Frimmel, H.E.** (2015): Evaluating key parameters for the initiation of a Neoproterozoic Snowball Earth with a single Earth System Model of intermediate complexity. Earth Planet. Sci. Lett., 415, 100-110

Weidner, T., **Geyer, G.**, Ebbestad, J. O. R., **von Seckendorff, V.** (2015): Erratic boulders from Jutland, Denmark, feature an uppermost lower Cambrian fauna of the Lingulid Sandstone Member of Västergötland, Sweden. Bulletin of the Geological Society of Denmark, Abb. 11 Kopenhagen, 63, 59-86

**Will, T.M.**, Lee, S.-H., Schmädicke, E., **Frimmel, H.E.**, **Okrusch, M.** (2015): Variscan terrane boundaries in the Odenwald-Spessart basement, Mid-German Crystalline Zone: New evidence from ocean ridge, intraplate and arc-derived metabasaltic rocks, Lithos 220-223, 23-42