



CURRENT LITERATURE SURVEY

Mineralogy

Angarfite, $\text{NaFe}^{3+}_5(\text{PO}_4)_4(\text{OH})_4 \cdot 4\text{H}_2\text{O}$, a new mineral species from the angarf-sud pegmatite, Morocco: Description and crystal structure

Kampf A.R., Mills S.J., Housley R.M., Favreau G., Boulliard J.-C. & Bourgoïn V., *Canadian Mineralogist*, 2012, 50/4 (781–791).

Ianbruceite, ideally $[\text{Zn}_2(\text{OH})(\text{H}_2\text{O})(\text{AsO}_4)](\text{H}_2\text{O})_2$, a new arsenate mineral from the Tsumeb mine, Otjikoto (Oshikoto) region, Namibia: Description and crystal structure

Cooper M.A., Abdu Y.A., Ball N.A., Hawthorne F.C., Back M.E., Tait K.T., Schlüter J., Malcherek T., Pohl D. & Gebhard G., *Mineralogical Magazine*, 2012, 76/5 (1119–1131).

Geochemistry

Chemical and isotopic methods for management of artificial recharge in mazraha station (damascus basin, syria)

Zakhem B.A. & Hafez R., *Hydrological Processes*, 2012, 26/24 (3712–3724).

Hydrochemical and statistical studies of the groundwater salinization in Mediterranean arid zones: Case of the Jerba coastal aquifer in southeast Tunisia

Kharroubi A., Tlahigue F., Agoubi B., Azri C. & Bouri S., *Environmental Earth Sciences*, 2012, 67/7 (2089–2100).

Hydrochemistry of groundwater in the Savelugu-Nanton District, Northern Ghana

Tay C.K., *Environmental Earth Sciences*, 2012, 67/7 (2077–2087).

Authigenic carbonates from active methane seeps offshore southwest Africa

Pierre C., Blanc-Valleron M.-M., Demange J., Boudouma O., Foucher J.-P., Pape T., Himmler T., Fekete N. & Spiess V., *Geo-Marine Letters*, 2012, 32/5–6 (501–513).

Origin of oils in the Eastern Papuan Basin, Papua New Guinea

Ahmed M., Volk H., Allan T. & Holland D., *Organic Geochemistry*, 2012, 53/– (137–152).

Minor element geochemistry of groundwater from an area with prevailing saline groundwater in Chikhwawa, lower Shire valley (Malawi)

Monjerezi M., Vogt R.D., Gebru A.G., Saka J.D.K. & Aagaard P., *Physics and Chemistry of the Earth*, 2012, 50–52/– (52–63).

Reconstructing precipitation changes in northeastern Africa during the Quaternary by clay mineralogical and geochemical investigations of Nile deep-sea fan sediments

Zhao Y., Colin C., Liu Z., Paterne M., Siani G. & Xie X., *Quaternary Science Reviews*, 2012, 57/– (58–70).

Geochemistry of gabbros and granitoids (M- and I-types) from the Nubian Shield of Egypt: Roots of Neoproterozoic intra-oceanic island arc

Maurice A.E., Bakhit B.R., Basta F.F. & Khiamy A.A., *Precambrian Research*, 2013, 224/– (397–411).

Geochronology

Geochronological constraints on the magmatic and tectonic development of the Pongola Supergroup (Central Region), South Africa

Mukasa S.B., Wilson A.H. & Young K.R., *Precambrian Research*, 2013, 224/– (268–286).

U–Pb Age and geochemistry of zircon from mantle xenoliths of the Katoka and KAT-115 kimberlitic pipes (Republic of Angola)

Nikitina L.P., Marin Yu.B., Skublov S.G., Korolev N.M., Saltykova A.K., Zinchenko V.N. & Chissupa H.M., *Doklady Earth Sciences*, 2012, 445/1 (840–844).

Igneous and Metamorphic Geology

The O'okiep Copper District, Namaqualand, South Africa: A review of the geology with emphasis on the petrogenesis of the cupriferous Koperberg Suite

Clifford T.N. & Barton E.S., *Mineralium Deposita*, 2012, 47/8 (837–857).

TTGs in the making: Natural evidence from Inyoni shear zone (Barberton, South Africa)

Nédélec A., Chevrel M.O., Moyen J.F., Ganne J. & Fabre S., *Lithos*, 2012, 153/– (25–38).

Geochemistry, geochronology, and Sr–Nd isotopes of the Late Neoproterozoic Wadi Kid volcano-sedimentary rocks, Southern Sinai, Egypt: Implications for tectonic setting and crustal evolution

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Rapid magma ascent and short eruption durations in the Lake Natron–Engaruka monogenetic volcanic field (Tanzania): A case study of the olivine melilititic Pello Hill scoria cone

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The importance of iron speciation ($\text{Fe}^{2+}/\text{Fe}^{3+}$) in determining mineral assemblages: An example from the high-grade aluminous metapelites of southeastern Madagascar

Boger S.D., White R.W. & Schulte B., *Journal of Metamorphic Geology*, 2012, 30/9 (997–1018).

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Petrogenesis of Cenozoic volcanic rocks in the NW sector of the Gharyan volcanic field, Libya

Lustrino M., Cucciniello C., Melluso L., Tassinari C.C.G., de Gennaro R. & Serracino M., *Lithos*, 2012, 155/– (218–235).

Chemical and Sr–Nd isotopic compositions and zircon U–Pb ages of the Birimian granitoids from NE Burkina Faso, West African Craton: Implications on the geodynamic setting and crustal evolution

Tapsoba B., Lo C.-H., Jahn B.-M., Chung S.-L., Wenmenga U. & Iizuka Y., *Precambrian Research*, 2013, 224/– (364–396).

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Bouyo M.H., Penaye J., Barbey P., Toteu S.F. & Wandji P., *Precambrian Research*, 2013, 224/– (412–433).

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Sedimentary Geology

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Evaluating branched tetraether lipid-based palaeotemperature proxies in an urban, hyper-eutrophic polluted lake in South Africa

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Human Impacts on Geological and Cultural Heritage in the Coastal Zone West of Alexandria to Al-Alamein, Egypt

El-Asmar H.M., Ahmed M.H., Taha M.M.N. & Assal E.M., *Geoheritage*, 2012, 4/4 (263–274).

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Organic geochemical characteristics and interpreted depositional environment of the Khatatba Formation, northern Western Desert, Egypt

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Stratigraphy

Stratigraphic framework and calcareous nannofossil productivity of the Essaouira–Agadir Basin (Morocco) during the Aptian–Early Albian: Comparison with the north-Tethyan margin

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Carbon-isotope and microfaunal stratigraphy bounding the Lower Aptian Oceanic Anoxic Event 1a in northeastern Tunisia

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Abrupt early Eocene global climatic change as a control of carbonate facies and diagenesis: A new record of the Palaeocene–Eocene Thermal Maximum in the Umm er Radhuma Formation, Saudi Arabia and Kuwait

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