



Journal of Geosciences

An open-access journal, published by the Czech Geological Society (<http://www.jgeosci.org>), indexed e.g., by: *Citation Index Expanded* (IF = 1.279), *Current Contents (Physical, Chemical & Earth Sciences)*, *Scopus*, *ProQuest*, *GeoRef*, *Geobase*, *Chemical Abstracts*, *EBSCO*.

CALL FOR PAPERS

MELILITIC, ALKALINE AND CALC-ALKALINE LAMPROPHYRIC ROCKS. CENTENARY CELEBRATION OF THE FIRST DESCRIPTION OF POLZENITES BY K. H. SCHEUMANN

Dear colleagues,

on the occasions of the Conference Basalt 2013 (Görlitz, April 24th to 28th) and centenary celebration of the first description of polzenites (Scheumann 1913), we are soliciting papers for a *Journal of Geosciences* themed set focused on lamprophyres, lamprophyric magmas, their origin and emplacement. We encourage papers covering all aspects of their petrology, geochemistry, geophysics, origin, magma sources and relations to other rocks. We are particularly interested in articles that are focused on polzenites and other melilitic lamprophyric rocks.

In 2013, we will remember one hundred years since the first note about the polzenitic rocks in N Bohemia was presented by Scheumann.

Karl Hermann Scheumann was born on 25 February 1881 in Metz in northeastern France. He spent his youth in Dresden, where he, thanks his drawing talent, attended the art academy. Later, he decided to study geology at the University of Leipzig. In 1907, his teacher R. Reinisch motivated him to visit, for the first time, the Upper Ploučnice River area in northern Bohemia. He spent four years there by mapping, documentation and collection of samples. His dissertation, defended in 1912, was dedicated largely to volcanic rocks. One year later he has published results in the journal *Abhandlungen der Sächsischen Gesellschaft der Wissenschaften*. On the basis of chemical and mineralogical analyses, he defined a new group of sub-volcanic (dyke) ultramafic rocks, for which he coined a general name polzenites (according to German "Polzen" for the Ploučnice River). This group differs from other

sub-volcanic highly undersaturated ultramafic rocks by the absence or just minor presence of clinopyroxene. It included local varieties with varying contents of melilite, monticellite and other minerals. Scheumann called them vesecite, modlibovite and luhite according to the names of local communities. These names have remained in practice until today. His research was interrupted by the World War I. After returning from the front he published in 1922 a comprehensive study on melilitic rocks, in which he defined the position of polzenites in relation to other European ultramafic rocks. Scheumann passed away in 1964 in the Federal Republic of Germany.

We invite your submissions of recent high-quality work and are expecting to assemble a set of great contributions that will provide a state-of-art overview of a research in melilitic and other alkaline and calc-alkaline laprophyres.

Instructions to Authors and Microsoft Word manuscript template are available at the journal website, <http://www.jgeosci.org>, in order to facilitate the submission procedure.



We invite you to submit your recent research results to this venue. Manuscripts will be accepted for review until **May 31, 2013** and the publication is foreseen in the last (4th) issue of the volume 58 (2013). All manuscripts will be reviewed by at least two international specialists in the field. The issue will be handled by guest editors Vladislav Rapprich (Czech Geological Survey, Prague), František V. Holub (Charles University, Prague) and Lothar Viereck-Götte (Jena University). If you intend to submit a manuscript to the special issue, please, indicate your interest and send provisional title of your paper to one of the guest editors within one month of receipt of this invitation letter. The final submission date is **May 31, 2013**. We are looking forward to your contributions to this issue.



Vojtěch Janoušek (*Editor-in-chief, editor@jgeosci.org*)
Vladislav Rapprich (*vladislav.rapprich@geology.cz*)
František V. Holub (*frholub@natur.cuni.cz*)
Lothar Viereck-Götte (*Lothar.Viereck-Goette@uni-jena.de*)