



Mineralogical Society of Great Britain and Ireland

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GRANULITES AND GRANULITES 2018

The annual meeting of the Mineralogical Society of Great Britain and Ireland (MSGBI) for 2018 was held 10–13 July 2018 in Ullapool (Scotland) and had the title 'Granulites and Granulites 2018'. There was a preceding fieldtrip to the nearby classic locality of the so-called Assynt Window, and a post-meeting trip to Rogaland (southwest Norway). The meeting was convened by Tim Johnson with the support of the MSGBI staff and a team of session chairs, field trip leaders, and many others who helped out.

Four-Day Field Trip to Assynt (Scotland)

Almost 40 delegates were treated to fantastically clear and sunny weather in the Scottish Highlands for a four-day trip around the Lewisian rocks of Assynt, a classic locality for granulites. The warm weather even managed to discourage the normally "welcoming" midges, a lucky escape.

The trip was led by Simon Harley (Edinburgh School of Geosciences, Scotland), Kathryn Goodenough (British Geological Survey), George Guice (School of Earth and Ocean Sciences, Cardiff, Wales) and Tim Johnson (Curtin University, Western Australia).

The packed programme for the four days included the following visits:



Happy geologists on day 4 of the trip to Assynt (Scotland).



Dick White loving the outcrop at Tarbet (Scotland).



'Molly', Simon Harley's mobile scale provider.



Conference Reception and Presentations

The conference moved indoors on Tuesday evening with a spectacular ice-breaker reception at the Ullapool village hall. A warm welcome from a Scottish piper, followed by a wonderful selection of food from local producers, including the nearby fishing industry, was a great way to start the meeting.

Two-and-a-half days packed with oral and poster presentations followed at the wonderful Macphail Conference Centre in Ullapool. Almost 50 talks were delivered, including the following invited talks:

- "Does the Earth have a pulse? Constraints from the Geological Record and Implications for Tectonic Processes", by Peter Cawood
- "Granulites, Geodynamics and 'Accessory Terranes'", by Daniel Viete
- "Considerations on Zircon, Monazite and Garnet Geochemistry and Geochronology in High-Grade Rocks", by Daniela Rubatto
- "Recognizing Melt Pathways in the Crust: Nature and Experiments", by Sandra Piazzolo
- "Progress and Pitfalls in Metamorphic Phase Petrology", by Richard White
- "Ten Years of Research on Nanogranitoids", by Bernardo Cesare
- "Overprinting Metamorphic Events during Continental Collision: Insight from Geodynamic Modelling", by Elena Sizova
- "Lewisian Crustal Evolution—Six Decades of Dating and Peering through the Metamorphic Fog", by Martin Whitehouse

The 51st Hallimond Lecture, which was supported by the MSGBI, was ably delivered by Mike Brown (University of Maryland, USA) and had the title, "Time's Arrow, Time's Cycle: Granulite Metamorphism and Geodynamics".



Mike Brown (LEFT) receiving his Hallimond Lecture Certificate from Simon Harley (RIGHT).

Simon Harley also rocked the aisles during the conference banquet by singing 'Bad Bad Michael Brown' (with acknowledgement [and some apologies!] to Jim Croce,

writer of the song 'Bad Bad Leroy Brown' on which Simon's composition was based).

Mike Brown was also honoured by Wiley, publisher of *Journal of Metamorphic Geology* (edited by Prof. Brown) and supporter of supported a drinks reception before the conference banquet, for his many years of service to the journal.

Post-Conference Five-Day Field Trip to Rogaland (Norway)

Following the granulites conference, which ended at noon on Friday 13th July, some 25 delegates took a long bus drive to Aberdeen airport from where they departed to Stavanger for the post-conference trip in Rogaland (Norway).

The purpose of the five-day trip, led by Trond Slagstad (Geological Survey of Norway) and Chris Clark (Curtin University), was to study: (1) high- to ultrahigh-temperature metamorphic rocks of the ~1 Ga Sveconorwegian orogen, which records up to 150 million years of apparently continuous high-grade conditions; (2) the nature of the transition to the surrounding lower-grade rocks, which have a simpler metamorphic history; and (3) to discuss possible tectonic scenarios. The large and very international group, with participants from the USA, the UK, Australia, Italy, China, Norway, Germany, South Africa, Canada and Switzerland, seemed – and indeed, turned out – to be the perfect group for such discussions. The photo below shows the participants inspecting osumilite- and sapphirine-bearing gneisses and having discussions where geologists discuss best – on outcrop.



Osumilite locality

In addition to very high-grade rocks, we also visited rocks that preserve magmatic foliations and other features that underpin a complex, long-lived magmatic evolution that we are currently trying to combine with the observed, coeval metamorphic evolution. In the end, we hope the participants went back home with a much-improved understanding of Sveconorwegian orogenic processes. For us, having expert field-trip leaders who could tap into a vast repository of knowledge and experience was invaluable to confirm and correct work done so far, as well as generating new ideas and locations for further study.

Copies of the field guides for both the Assynt and the Rogaland field trips are available, courtesy of the authors, from the MSGBI office. Please contact Kevin Murphy (kevin@minersoc.org).

The fifth conference in the series will be 'Granulites and Granulites 2022', which is scheduled to take place in China and to be organized by Yingde Zhang.

R.A. HOWIE BEST PAPER AWARD

This year's best paper award was presented to Emma Hart for her paper "Mineral Inclusions in Rutile: A Novel Recorder of HP-UHP Metamorphism" (Hart, E., Storey, C., Braund, E., Schertl, H.-P. and Alexander, B.D., 2016. *Earth and Planetary Science Letters*, **446**, 137–148). As part of her prize, Emma opted to present a paper during the 'Granulites and Granulites 2018' conference.



Emma Hart (RIGHT) receiving the certificate for her 'Best Paper Award' for 2018 from MSGBI Executive Director, Kevin Murphy (LEFT).

MINERALOGICAL MAGAZINE

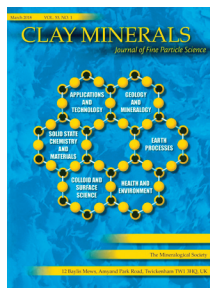


Since our launch with Cambridge University Press, we have forged ahead with issues for 2018. By the time you read this we will have published six issues for 2018, including an extra, open-access issue on critical metals and another special June issue on platinum-group minerals. Our backlog is creeping down, our submission to publication times are reducing further, and our 2018 impact factor is 1.744, comfortably within Q2 (Clarivate) for mineralogy journals. We have also completed the transfer of our archive to the Cambridge Core host. Members

can access the archive by logging on to www.minersoc.org and selecting the Cambridge service for *Mineralogical Magazine*. This is now the only source of the online archive. Non-members will no longer be able to access the journal archive. The MSGBI Council felt it was reasonable that those wishing to benefit from use of the journal's archive should pay the very reasonable membership fee for that privilege.

Cambridge University Press also hosted a very enjoyable and successful 'Meet the Editor' event during the August 2018 International Mineralogical Association conference in Melbourne (Australia). This was attended by Dr. Stuart Mills, Principal Editor of the *Mineralogical Magazine*, and a large number of members of the magazine's editorial board.

CLAY MINERALS



The June and September issues of the journal *Clay Minerals* have been published and the journal schedule is now on track.

Our impact factor has also received a boost this year, to 1.219, which is a welcome return on the investment of time and effort made by our editorial team, backed by the MSGBI Council and the European Clay Groups Association.