

# Mineralogical Society of the UK and Ireland

[www.minersoc.org](http://www.minersoc.org)

## MINERALOGICAL SOCIETY AT 150: PAST DISCOVERIES AND FUTURE FRONTIERS

23<sup>rd</sup>–25<sup>th</sup> June 2026, The University of Manchester, UK

By the time this issue of *Elements* lands on your desk, we will be ready to pack our bags for this important meeting in Manchester. Looking back at the old photos from the 1926 (50<sup>th</sup>) or 1976 (100<sup>th</sup>) anniversaries, you get a sense of the importance of what we are doing this summer. We hope you are able to join us.

We have >170 presentations, including a superb array of plenary and keynote speakers scattered liberally across the programme. We also have fantastic support from our sponsors: Renishaw, Rigaku, Elemental Scientific Instruments, and BlueScientific Ltd. We will have a wonderful mineral display to reflect some of the work published in our journals and presented at our meetings over the past 150 years.

We will also soon be publishing a detailed history of the Society, written by former President, Richard Patrick, and presented during the conference by current President, Sam Shaw. This will be published in *Mineralogical Magazine* and made freely available to all after the conference.

A full programme for the conference is now available at <https://minsoc-150.org/programme/>.

We also have a large special collection of content already published or set to appear in a commemorative special issue of *Mineralogical Magazine*.

This includes:

- The future of mineralogical crystallography: Expanding horizons in the 21<sup>st</sup> century: 150 years of the Mineralogical Society: Past Discoveries and Future Frontiers. Luca Bindi, Robert M. Hazen

### Changes to publishing

Two significant sets of changes have been announced to how we, and others, publish our journals. Notes for author guidance have been updated, but it is timely to include a short announcement about them here, because you will need to be aware of these changes as you prepare to submit your next paper to *Mineralogical Magazine*, *Clay Minerals*, or *Geo-Bio Interfaces*.

#### 1. Accessibility

New legislation in the USA and soon to arrive in the EU means that we need to change one aspect of how we present tables and artwork (of any kind) in the papers that we publish in our books and journals. Authors are now to be asked to provide so-called 'Alt-text' or alternative text for figures and tables, which a person who is visually impaired can read in place of viewing the figure/table. This is certain to apply to all publications (not just MinSoc ones) but in our case, authors will be asked to complete a table of 'Alt-text' to submit with their paper. If they fail to supply this table, artificial intelligence will be used to create it instead.



Mineralogical Society  
of the UK and Ireland  
**150**  
Years  
1876–2026

Example:



**Caption:** A common vampire bat in flight (*Desmodus rotundus*) carrying a wireless biollogging network biollogger on its back. IMAGE CREDIT: SHERRY AND BROCK FENTON.

**Alt-Text:** A bat has a rectangular plastic biollogger on its back. It is around one-third of the length of the bat's torso. The bat's wings are fully extended, and its ears, legs, and hairy body are clearly visible against the black background.

For images that are text-heavy, a so-called 'long description' is also expected.

#### 2. Use of Artificial Intelligence (AI)

Cambridge University Press acknowledges the increasing use of artificial intelligence (AI) tools in research and writing processes. Here, Cambridge explains how to declare the use of AI tools in an accountable and transparent way, in accordance with the Cambridge University Press Research Publishing Ethics Guidelines (<https://www.cambridge.org/core/services/publishing-ethics/authorship-and-contributorship-journals>).

##### AUTHORSHIP

We do not consider artificial intelligence (AI) tools to meet the accountability requirements of authorship, and therefore generative AI tools such as ChatGPT should not be listed as authors on any submitted content.

##### CREDIT AND CITATION

All use of AI-generated content must comply with our plagiarism policy (<https://www.cambridge.org/core/services/publishing-ethics/misconduct-journals#plagiarism>) and best practices regarding citation and acknowledgement.

You must not present ideas, words, data, or other material originally produced by third parties without appropriate acknowledgement or permission.

##### TRANSPARENCY: DECLARATION AND DESCRIPTION

We outline below the forms of AI use that must be declared and described to readers, as well as where and how to do this within your manuscript.

##### WHAT TO DECLARE

You should always declare and describe your use of an AI tool if you have used it to generate text or images (this includes the translation of sources or of your own work) or to analyse or extract insights from data or other materials.

Minimal and non-generative uses of AI tools in manuscript preparation do not require declaration. These include, for instance, basic spelling or language checking, incorporation of single words or brief phrases, or minor formatting tasks such as converting section headers to bold type. It is important to note that accountability for the use of AI tools, including minimal and non-generative ones, rests with the author. Caution should be used in all cases and it is important to check your article thoroughly for unintended consequences, particularly in relation to the references.

If you are unsure about whether a particular use of an AI tool requires declaration, please contact the journal's editorial office.

**WHERE TO DECLARE**

Use of AI tools should be declared in your manuscript in the same way that you would declare your use of other tools and assistance.

- If you have used AI tools to generate text within your manuscript, this should be declared in the same way you would declare your use of other language-editing services, for example in a separate acknowledgments section or in a footnote.
- If you have used AI tools to collect or analyse data, the way you have done this should be described in your methods section or general description of your methodology, in the same way you would describe your use of other software or analysis processes.
- If you have used AI tools to generate visual content that appears in your manuscript, this should be declared in the captions of any figures that you have generated or modified using AI tools.

This ensures your declarations appear where readers, editors, and reviewers naturally expect to find information about tools and processes used in your work.

**HOW TO DECLARE**

Descriptions of your use of AI tools should include:

- the name and version of the tool you used
- the date(s) you used the tool for the purpose(s) described, to the extent reasonably possible
- how the tool can be accessed or used by others, to the extent reasonably possible
- a full description of how you used the tool
- appropriate citations to any third-party text, datasets or other material used or included in the tool's output.

Additionally, as appropriate, descriptions should include:

- any proprietary information relevant to the use of the tool
- any ways in which you modified the version of the tool that you used (such as training it on your own data)
- any competing interests or potential bias that should be considered as a consequence of the tool's use, including as a result of its ownership or development.

**NEW CONTENT IN MINERALOGICAL MAGAZINE**

**Distribution of REE and carbon in apatite of fish debris in REE-rich, deep-sea mud from the Minami-Torishima area, southeastern Japan**  
Terumi Ejima, Yoshiaki Kon, Mihoko Hoshino, Sanematsu Kenzo, Daisuke Araoka, Noriyuki Saitou, Chihiro Fukuda, Ayu Takemoto, Masato Tanaka, Yoshio Takahashi, Shigenori Kawano, Tetsuichi Takagi

**Rhombohedral  $K_2Ca_2(CO_3)_3$ , a new pyro-biophase formed in the ash of the desert spoon (Dasyliirion wheeleri) from the Sonoran Desert**  
Laurence A.J. Garvie

**Argentoppearceite,  $Ag_{16}As_2S_{11}$ , a new silver mineral from the Mikulov and Moldava deposits, Czech Republic** Jiri Sejkora, Jakub Plášil, Emil Makovicky, Pavel Škácha, Zdeněk Dolníček, Roman Gramblička

**Determination of local geometrical distortions in an ordered omphacite under high pressure** Lisa Baratelli, Marco Merlini, Fabrizio Nestola, Jacopo Nava, Bobby Joseph, Mauro Prencipe, Fernando Cámara  
**Components, end-members and mineral species** Frank C. Hawthorne



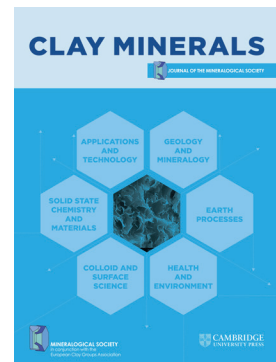
**IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) – Newsletter 88** Ferdinando Bosi, Frédéric Hatert, Marco Pasero, Stuart J. Mills

**NEW CONTENT IN CLAY MINERALS**

**Synergy of typical clay minerals and plasma discharge for  $CO_2$  conversion** Wenxuan Zhang, Lanxin Wang, Xuelian Yu, Yingmo Hu, Libing Liao  
**Geopolymer mesoporosity investigated by intrinsic ionic conductivity using complex impedance spectroscopy** Sandrine Gomes, Fabrice Leroux, Guillaume Renaudin

**NEW CONTENT IN GEO-BIO INTERFACES**

**Isoprene degradation in soil: evidence for competition between chemical and biological degradation in response to isoprene priming** Parker N. Geffre, Jordan Krechmer, David H. Hagan, Juliana Gil-Loaiza, Linnea K. Hernandez, Joanne H. Shorter, Joseph R. Roscioli, Laura K. Meredith



## 16th IAGOD Quadrennial Symposium

August 30th to September 2nd 2026  
Faculdade de Ciências da Universidade do Porto - Portugal

**“The role of geoscience in the energy transition”**

**Call for Proposals:** thematic sessions, field trips and workshops  
(2026conference@iagod.org)

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