



Mineralogical Association of Canada

www.mineralogicalassociation.ca

SUDBURY 2023 GAC-MAC-SGA JOINT ANNUAL MEETING

May 24–27, 2023

Laurentian University, in Sudbury,
Ontario, Canada



Discovering Ancient to Modern Earth
– *Découvrir la Terre Ancienne à Moderne*

REQUEST FOR PROPOSALS SYMPOSIA, SPECIAL SESSIONS, SHORT COURSES, WORKSHOPS, AND FIELD TRIPS

The 2023 Joint Annual Meeting of the **Geological Association of Canada (GAC)**, **Mineralogical Association of Canada (MAC)**, and **Society for Geology Applied to Ore Deposits (SGA)** will be held on **24-27 May 2023** at Laurentian University in Sudbury, Ontario, Canada.

The theme of the meeting is **Discovering Ancient to Modern Earth**, reflecting the location of the Sudbury at the intersection of the Archean Superior Province, Proterozoic Southern and Grenville Provinces, and Paleozoic-Quaternary cover sequences. The conference will include an diverse program of **Symposia**, **Special Sessions**, **General Sessions**, **Field Trips**, **Short Courses** and **Workshops** covering the complete spectrum of geoscience disciplines. The meeting will be delivered in hybrid format with both in-person and virtual components. Abstracts, talks, and posters can be given in French or English.

Symposia are 1-2 day thematic sessions. **Special Sessions** are ½ to 1-day that cover “hot” topics. **Short Courses** are 1-2 days, pre- or post-meeting, with notes printed by the Sponsor. **Workshops** are 1-2 days, pre- or post-meeting, often hands-on, with notes provided as PDFs. **Field Trips** are ½ to several days, pre- or post-meeting, with guidebooks published by Ontario Geological Survey.

Proposal templates for Field Trips and Short Courses can be downloaded from the meeting website at <http://event.fourwaves.com/Sudbury2023>. The deadline for submission is **15 August 2022**. Please contact Cathy Nadjiwon at cnadjiwon@laurentian.ca if you have any questions.

MAC AWARDS – CALL FOR NOMINATIONS

Pinch Medal

The Pinch medal is awarded every other year since 2001 to recognize major and sustained contributions to the advancement of mineralogy by members of the collector-dealer community.

This medal is named for William Wallace Pinch of Rochester, New York, in recognition of his enormous and selfless contributions to mineralogy through the identification of ideal specimens for study and through his generosity in making them available to the academic community.

Each nomination should consist of a letter describing in detail the contributions of the nominee and a list of publications resulting from the nominee's contributions (the nominee is not required to be an author of these publications); additional supporting letters are welcome.

Nominations for the 2023 medal are to be submitted to **Andrew Conly** (Department of Geology, Lakehead University, 955 Oliver Road, Thunder Bay, ON P7B 5E1, CANADA); E-mail: aconly@lakeheadu.ca

Please submit your nominations by **10 October 2022**.

NEW PUBLICATIONS IN OUR 'EDUCATION PUBLICATIONS' SERIES

Fleischer's Glossary of MINERAL SPECIES, 2022 Edition Education Publications Series Volume 1

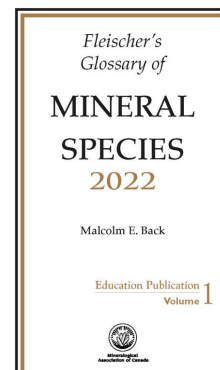
Authored by: Malcolm E. Back, Departmental Associate, Royal Ontario Museum, Toronto, Ontario, Canada

ISSN 2564-498X – ISBN 978-0-921294-64-1 – EP 01, 2022. 448 pages

We are taking over the publishing of the Glossary, with the blessing of The Mineralogical Record Inc., which has been published since 1971 when the first Glossary was introduced by Mike Fleischer, 52 years ago. This 2022 Thirteenth Edition of the Glossary, will supersede the 2018 edition.

The Fleischer's Glossary of Mineral Species has been prepared as an alphabetical summary of mineral names for ready reference. This a list, as of October 31, 2021, of the names, symmetry, and chemical -compositions of mineral species. Synonyms and discarded names will not be included. Diacritical marks will be included. All mineral species listed are approved by the International Mineralogical Association.

Most mineral classifications are based primarily on chemical grounds (grouping by chemical classes such as oxides, halides, carbonates, silicates, etc.) and secondarily on crystal structure. Accordingly, in this Glossary emphasis is on the chemical composition, polymorphism, and relationships to other minerals. For each mineral, there is given its chemical formula, crystal system and, in most cases, a statement of its relations to other minerals.

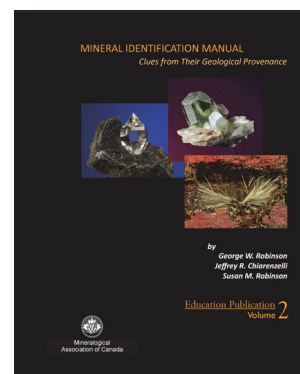


MINERAL IDENTIFICATION MANUAL Clues from Their Geological Provenance Education Publications Series Volume 2

Authored by: George W. Robinson, Jeffrey R. Chiarenzelli (St. Lawrence University) & Susan M. Robinson

ISSN 2564-498X – ISBN 978-0-921294-65-8 – EP 02, 2022. 208 pages

This book is arranged in 15 chapters, each one of which contains an explanation of their geological formation. This assumes the person who collected the mineral sample knows the geological environment in which it was found, e. g., a limestone quarry versus a massive sulfide deposit or a pegmatite, etc. Once the appropriate table for that specimen has been determined, the physical properties of the mineral, beginning with its luster (metallic or non-metallic), is noted, followed by its hardness, density, cleavage, or other discernible physical properties. This is usually sufficient information to identify most common mineral species, since each step eliminates a considerable number of possibilities. As a confirmation, the photographs provide reassurance that the un-known mineral physi-



cally resembles the one chosen through the table. The volume includes more than 475 color photos, 3 colour diagrams, along with tables of the minerals' physical properties used for identification in the field and lab.

This book is intended for anyone who is charged with identifying minerals, without having to use sophisticated equipment to do so. This includes geologists in the field, mineral collectors as well as students and professors in the lab. Many similar determinative tables have been used in the past for this purpose, but never arranged by geological environments and modes of genesis.

"HOT FROM THE PRESS" NEW PUBLICATION IN OUR SPECIAL PUBLICATIONS SERIES

Pegmatites and Their Gem Minerals Special Publications Series Volume 15

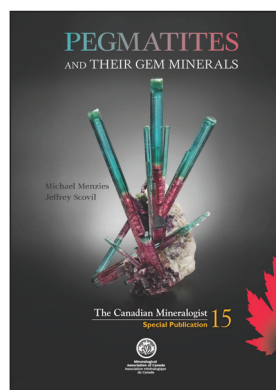
Authored by: Michael Menzies
and Jeffrey Scovil

Series Editor: Robert F. Martin

ISBN 978-0-921294-66-5 - SP 15,
616 pages, 2022

Pegmatite enthusiasts will be happy to know that a new book, "Pegmatites and their Gem Minerals", is set to appear in mid-August. Michael Menzies and Jeffrey Scovil have teamed up to provide a systematic coverage of the topic. The volume provides a comprehensive description of the geology, worldwide occurrence and formation of gemstone-bearing pegmatites and their gem minerals. It features 40+ worldwide localities, and 40+ gem minerals and other important pegmatite species. The 600 pages are lavishly illustrated with more than 600 maps, diagrams, locality photos and photos of mineral specimens and gems.

Special Publication 15 of *The Canadian Mineralogist* builds on the fundamental concepts of pegmatite formation provided in SP10, *Pegmatites*, by David London (2008). The two volumes are complementary. Pegmatites are here described with a greater emphasis on mineralogy, presented at an intermediate level. There is a strong emphasis on locality descriptions, which make up more than half of the volume. The localities chosen are well known for theirmiarolitic pegmatites, from which gemstones have been recovered. There is thus a bias in this volume in favor of Paleozoic, Mesozoic and Cenozoic pegmatites that crystallized in the upper crust, where cavities are more likely to form. All continents are represented. Included also are localities where the body of pegmatite has been desilicated by interaction with wallrock or has formed from a silica-undersaturated magma, producing nepheline syenite pegmatite. In every case, there is a strong focus on mineral specimens, gem crystals and gems. The intent is to broaden the readership to include mineral and gem enthusiasts and collectors, museum professionals, and others interested in nature's treasures, as well as earth-science students and graduate students.



You may order any of the above publications from our online store, under the 'Special Publications' category at: <https://www.mineralogicalassociation.ca/devOnline/index.php>

THE CANADIAN MINERALOGIST: NEW, IMPROVED AND READY FOR THE 21st CENTURY!

While renowned for the publication of high-quality papers with a mineralogical focus, our journal publishes on a broad range of topics: petrology, economic geology and geochemistry. We welcome submissions in any area that involves mineralogy as means to solving a geological research question.

Dealing with an ever-changing landscape means the journal must adapt. To this end, important changes are coming, including:

- Two new principle Editors, Andy McDonald & Steve Prevec, to decrease decision times;
- Reduction in the editorial handling of new mineral characterizations (single reviewer, two-week review, etc.);
- Introduction of Short Communications to provide a forum for cutting-edge techniques or new approaches;
- Enhancing the Associate Editor team (broader range of knowledge, increasing the number).

Our average time-to-decision is two months and our page charges are the most reasonable out there. Be bold, be daring: Submit your manuscript to a journal with an established national and international reputation, *The Canadian Mineralogist*!

Instructions for Authors are available from <https://www.mineralogicalassociation.ca/submission/>

Submissions can be made at <https://www.editorialmanager.com/canmin>

The Editorial Team

UNDERGRADUATE AWARDS 2021–2022

The Mineralogical Association of Canada Undergraduate Student Awards are given annually to undergraduate students (2nd year of study or higher) at a recognized Canadian university or institute of higher education for excellence in one of the specialties supported by the society: mineralogy, crystallography, geochemistry, petrology, and mineral deposits. Congratulations to the following students who received this award in 2021–2022:

Bianca Angheluta, University of Waterloo
Ben J. Bates, Trent University
Jared Scott Brown, University of British Columbia, Okanagan
Kathleen L. Clark, Dalhousie University
Teela Clouthier, Lakehead University
Hayley P. Dill, St. Francis Xavier University
Katharine Emma Gilchrist, University of Calgary
Cameron D'Arcy Greaves, Acadia University
Emily J. Harrison, University of Saskatchewan
Caleb Isaac, University of British Columbia, Vancouver
Jean-Kristof Lapierre, Université Laval
Max Aaron Laxer, Western University
Jenna B. T. Maccagno, University of Alberta
Taylor Mugford, Memorial University of Newfoundland
Madelaine Norman, Laurentian University
Annaliese Paczynski, Brock University
Aboni T. Quabbo, University of Regina
Breanna Marie Stamcoff, University of Windsor
Savanna Yamamoto, University of Victoria