Mineralogical Association of Canada

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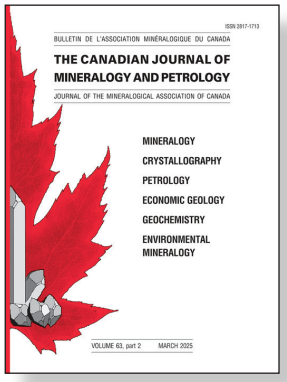
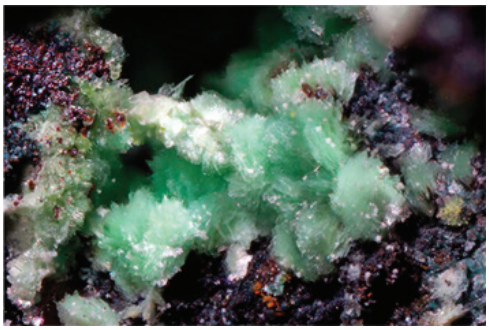
NEWS FROM *THE CANADIAN JOURNAL OF MINERALOGY AND PETROLOGY* (*CJMP*)

Highlights



The March issue of the *CJMP* features, in convenient weekend-friendly sixpack format (just enough to quench your thirst but not enough to feel bloated), a half-dozen articles highlighting minerals from Germany, Tajikistan, Greenland, Australia, the USA, and the mid-Atlantic ridge. A truly international smorgasbord of mineral-based research. More specifically, we start our offerings with rare native arsenic in an opaline black smoker (seafloor massive sulfide, or SMS) from Irina Melekestseva and her colleagues in Russia. Amphiboles from the Eifel Volcanic Fields are characterized, and we offer two studies on rinkite-group minerals by entirely separate groups in entirely different parts of the world from alkaline to peralkaline magmatic centers.

Two new minerals are introduced, consisting of airdate, a Sr-V hydrated phosphate mineral from the Spring Creek copper mine, Australia; and chinleite-Ce, a hydrated Ce-sulfate from the Blue Streak uranium mine, Colorado, USA. Airdite is named for Bill Aird, prominent Australian mineral collector and South Australian Museum volunteer. Chinleite is named, more prosaically, for its origins in the Chinle Formation of Utah, USA.



Airdite, $Sr(V^{4+}O)_2(PO_4)_2 \cdot 4H_2O$, a new mineral from the Spring Creek Copper Mine, South Australia, Australia, features in our latest issue, from Peter Elliot and Tony Kampf.

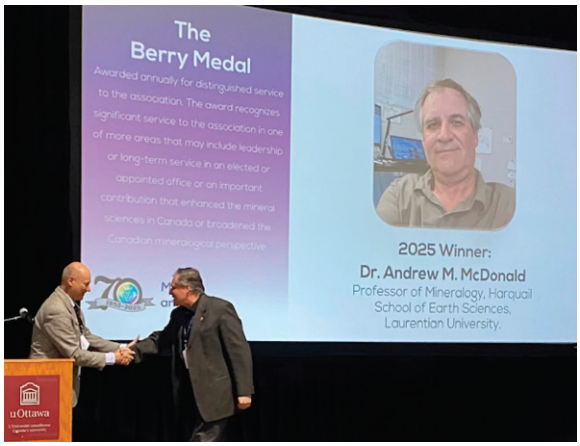
Our recently most-read publications, according to GeoScienceWorld, show interest in tourmaline back on top:

Back on top, but changing positions at #1 yet again are ***Recognizing Tourmaline in Mineralized Porphyry Cu Systems: Textures and Major-Element Chemistry,*** and now in a distance second place, ***Trace Element Characteristics of Tourmaline in Porphyry Cu Systems: Development and Application To Discrimination,*** both by Christopher Beckett-Brown, Andrew McDonald and Beth McClenaghan. These both appear in volume 61 (1) from 2023 *CJMP*.

In third place is ***Crystal Fragmentation Inducing Euhedral Crystal Habits in Volcanic Rocks: Fracture Histories of Crystals from Various Tectonomagmatic Settings and Implications for Plumbing System Processes***, by Georg Zellmer and Yoshiyuki Iizuka, available online since May 2025.

The currently most recently cited *CJMP* papers, according to GeoscienceWorld statistics, are led by our most read paper, ***Trace Element Characteristics of Tourmaline in Porphyry Cu Systems: Development and Application To Discrimination***, as listed above. This is followed by a tie between **On the Attributes of Mineral Paragenetic Modes**, by Robert Hazen, Shaunna Morrison, Anirudh Prabhu, Jason Williams, Michael Wong, Sergey Krivovichev, and Marko Bermanec, in volume 61 (4) from 2023, and ***New Minerals from the Redmond Mine, North Carolina, USA: I. Redmondite, Hydroredmondite, and Sulfatoredmondite, Three Minerals Containing the Novel $[Pb_8O_2Zn(OH)_6]^{8+}$ Structural Unit*** by Anthony Kampf, Jason Smith, John Hughes, Chi Ma, and Christopher Emproto.

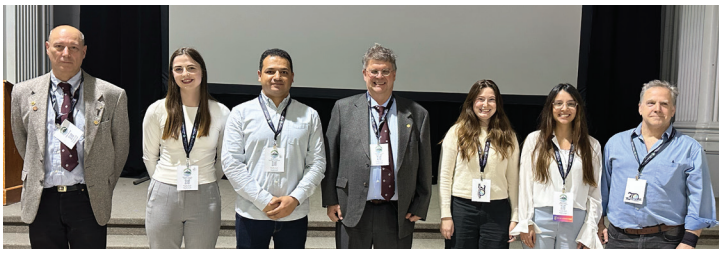
GAC-MAC-IAH-CNC 2025 HIGHLIGHTS



The Mineralogical Association of Canada is pleased to present the 2025 Berry Medal for distinguished service to the association to Doctor Andrew McDonald, professor of mineralogy, Harquail School of Earth Sciences, Laurentian University. MAC Past President Prof. Dan Marshall awards the 2025 Berry Medal to Prof. Andy McDonald.

(**Left to right**) Happy MAC Executive members congratulate Dr. McDonald on his achievement. Dan Marshall (Past MAC President), Andrew (Andy) M. McDonald (2025 Berry Medal Recepient and professor of Mineralogy, Harquail School of Earth Sciences, Laurentian University), Frederick D. Ford (MAC President), David Lentz (MAC Vice President).

Dr. Anton Chakhmouradian (2025 Peacock Medal Recepient and professor of mineralogy, petrology, spectroscopy, and gemology at University of Manitoba).



ATTENDING MAC 2025/2024 SCHOLARSHIP WINNERS
(**Left to right**) Dan Marshall (Past MAC President), Michelle Stevens (MSc, Carleton), Babak Ghane (PhD UNB), Frederick D. Ford (MAC President), Sophie Benaroya (PhD, UAlberta), Silvia Castilla (PhD, UToronto), and David Lentz (MAC Vice President).

ATTENDING MAC TRAVEL GRANT WINNERS
(**Left to right**) Dan Marshall (Past MAC President), Vanessa Jones (MSc, MUN), Kiera Hamel (MSc, MUN), Frederick D. Ford (MAC President), Diana Carolina Paz Jaramillo (PhD, UOttawa), Sophie Benaroya (PhD, UAlberta), and David Lentz (MAC Vice President).

MINERALOGICAL ASSOCIATION OF CANADA AWARDS

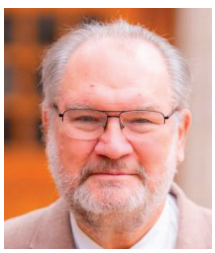
Berry Medal Award Winner: Andrew (Andy) M. McDonald

For Andy McDonald, growing up in Toronto near the Jane-Finch corridor set him up for a career involving certain "organized groups," but chance opportunities, including a geology course in high school and a "well-paid" summer internship at the Royal Ontario Museum changed this, putting him on a collision course for a career in mineralogy. After an undergraduate degree at the University of Toronto and graduate degrees at Carleton University, he joined the Harquail School of Earth Sciences (Laurentian) as a professor of mineralogy. His educational experiences, which included being unofficially being initiated into the Mineralogical Association of Canada as a teenager, put him in great stead to understand the importance of our association but also, when the time was right, how critical it would be to step up and continue to keep the flame alive. In this respect, he has served the MAC in a variety of roles: as Secretary (2000–2006), in several Presidential positions (2014–2022), as an Associate Editor and Senior Editor for *The Canadian Journal and Mineralogy* (formerly *The Canadian Mineralogist*; 2006–2011), along with being an organizer for a Berry Summer School in Optical Mineralogy. His commitment to the MAC was strongly influenced by his direct interactions with Joe Mandarino and Bob Gait (Royal Ontario Museum), but also with Bob Martin (McGill), Louis Cabri (CANMET), and Jim Nicholls (Calgary), all of whom worked tirelessly and unselfishly to establish, build, and promote this uniquely Canadian organization. Professor McDonald is an applied mineralogist, studying the mineralogy of diverse geological settings including that of agpaitic environments (the evolution of HFSE-dominant silicates), mineralized porphyry systems (crystal chemistry of tourmaline- and alunite-group minerals), and magmatic Cu-Ni-Fe-PGE systems (pyrrhotite, millerite, and platinum-group minerals), using the minerals and their chemical and crystal-structure variations, to better understand the conditions under which they developed and evolved. He strongly endorses publication of Canadian-supported research in Canadian-based journals, the first and foremost being the *CJMP*. His research and collaboration with his students have been recognized through being awarded four Hawley medals (2015, 2018, 2019, 2024) for best papers in the journal. It is with both enormous pride and equally large humility that Professor McDonald is pleased to be honored as the 2025 Berry medalist.

Peacock Medal Award Winner: Anton Chakhmouradian

Anton Chakhmouradian grew up in a historic neighborhood of St. Petersburg (Russia), just a stroll away from one of world's largest Earth Science collections at the Mining Institute and two other mineral museums. It was natural then that mineralogy became his major at St. Petersburg State University, where he became enthralled by bizarre igneous rocks, like peralkaline syenites, which largely fell outside the scope of undergraduate courses. This fascination was fostered into a lifelong career commitment by Anton's enthusiastic research supervisors, Andrey Bulakh and Mikhail Evdokimov. After completing his PhD at St. Petersburg State (1997), Anton spent four productive years at Roger Mitchell's lab in Lakehead University, where his most memorable experiences included synthesizing things that should not exist, learning the Rietveld method and a score of other instrumental techniques, teaching his first mineral optics class in English, and getting lost in the Lovozero Mountains with his boss. In 2001, Anton received a professorial appointment at the University of Manitoba and ever since has been working on alkaline rocks, kimberlites, carbonatites and associated mineral deposits worldwide. For 36 years now, Anton's wife Katya has been his field companion, research collaborator, and unwavering supporter, never questioning the rationality of investing family funds into chartering a Mi-8 helicopter to see the world's largest carbonatite complex in Polar Siberia, or putting the most "precious" rock samples in their carry-on. Outside the U of M, Anton has served on several journal editorial boards, as a MAC councillor, and as Communication Officer of the International Mineralogical Association (2014–2022). In 2005, he received MAC's Young Scientist Award, followed by W.W. Hutchison Medal from GAC in 2011.

Hawley Medal Award Winners: Dr. Robert F. Dymek, Dr. Brent E. Owens, Jessica Fuhs Wyatt



The Hawley Medal is awarded to Dr. Robert Dymek, Dr. Brent E. Owens, and Ms. Jessica Fuhs Wyatt for the best paper published in *The Canadian Journal of Mineralogy and Petrology* in 2024 and entitled "A Tall Tale of a Tiny Pluton: The L'Enfer Norite, Grenville Province, Québec".