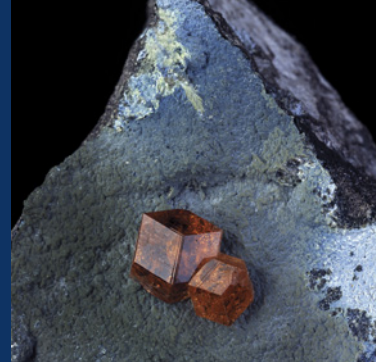


Elements

An International Magazine of Mineralogy, Geochemistry, and Petrology



Volume 9, Number 6 • December 2013

Elements is published jointly by the Mineralogical Society of America, the Mineralogical Society of Great Britain and Ireland, the Mineralogical Association of Canada, the Geochemical Society, The Clay Minerals Society, the European Association of Geochemistry, the International Association of Geochemistry, the Société Française de Minéralogie et de Cristallographie, the Association of Applied Geochemists, the Deutsche Mineralogische Gesellschaft, the Società Italiana di Mineralogia e Petrologia, the International Association of Geoanalysts, the Polskie Towarzystwo Mineralogiczne (Mineralogical Society of Poland), the Sociedad Española de Mineralogía, the Swiss Society of Mineralogy and Petrology, the Meteoritical Society, and the Japan Association of Mineralogical Sciences. It is provided as a benefit to members of these societies.

Elements is published six times a year. Individuals are encouraged to join any one of the participating societies to receive *Elements*. Institutional subscribers to any of the following journals—*American Mineralogist*, *Clay Minerals*, *Clays and Clay Minerals*, *Mineralogical Magazine*, and *The Canadian Mineralogist*—also receive one copy of *Elements* as part of their 2014 subscription. Institutional subscriptions are available for US\$160 (US\$175 non-US addresses) a year in 2014. Contact the managing editor (tremblpi@ete.inrs.ca) for information.

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Publications mail agreement no. 40037944

Printed in USA

ISSN 1811-5209 (print)

ISSN 1811-5217 (online)

www.elementsmagazine.org

www.elements.geoscienceworld.org

GeoScienceWorld
Participating Publisher



Garnet: Common Mineral, Uncommonly Useful

Guest Editors: **Ethan F. Baxter, Mark J. Caddick, and Jay J. Ague**



Garnet: Common Mineral, Uncommonly Useful

Ethan F. Baxter, Mark J. Caddick, and Jay J. Ague



Garnet in the Earth's Mantle

Bernard J. Wood, Ekaterina S. Kiseeva, and Andrew K. Matzen



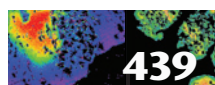
Garnet: Witness to the Evolution of Destructive Plate Boundaries

Mark J. Caddick and Matthew J. Kohn



Garnet Geochronology: Timekeeper of Tectonometamorphic Processes

Ethan F. Baxter and Erik E. Scherer



Metamorphism as Garnet Sees It: The Kinetics of Nucleation and Growth, Equilibration, and Diffusional Relaxation

Jay J. Ague and William D. Carlson



Garnet: A Key Phase in Nature, the Laboratory, and Technology

Charles A. Geiger



Garnet: From Stone to Star

Laurence Galois

ABOUT THE COVER: The Jeffrey mine, in Asbestos, Québec, Canada, is world famous for its beautiful crystals of orange, pink, and green grossular.

These transparent, almost complete "cinnamon" garnet crystals, the largest of which measures 16 mm across, display perfect shapes with smooth dodecahedral {110} faces. Their coloration arises from substituted Fe³⁺. FROM THE MINERAL COLLECTION OF UNIVERSITÉ PIERRE ET MARIE CURIE, PARIS; PHOTO COURTESY OF JEAN-PIERRE BOISSEAU

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