

Elements

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COVER IMAGE: The flame created from ignition of trimethyl borate in air is colored by emission bands peaking at 548 nm. This intense green flame is diagnostic for substances that contain boron. PHOTO CREDIT: MICHAL HEGEDÚS, P.J. ŠAFÁRIK UNIVERSITY (SLOVAKIA)

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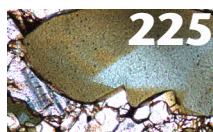
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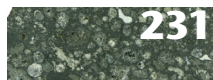
Boron: Light and Lively

Guest Editor: **Edward S. Grew**



Boron: From Cosmic Scarcity to 300 Minerals

Edward S. Grew



Boron Behavior During the Evolution of the Early Solar System: The First 180 Million Years

Charles K. Shearer and Steven B. Simon



Boron Cycling in Subduction Zones

Martin R. Palmer



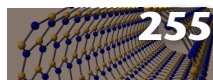
Boron Isotopes: A "Paleo-pH Meter" for Tracking Ancient Atmospheric CO₂

E. Troy Rasbury and N. Gary Hemming



Origin and Distribution of Evaporite Borates: The Primary Economic Sources of Boron

Cahit Helvacı and Martin R. Palmer



Tripping the Light Fantastic: Organoboron Compounds

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