

COLUMNS

185 What's New

Gem spectra database | Sarine DiaMension Axiom | Gem laboratory newsletters | GSA gem session abstracts | GIA reports | *Goldsmiths' Review* | ICA Congress presentations | World of Color communication system | Updated *Fei Cui* Testing Standards | World Gold Council demand trends | *The Journal of Gemmology* indexes

188 Practical Gemmology

Use of stacking software in photomicrography

190 Gem Notes

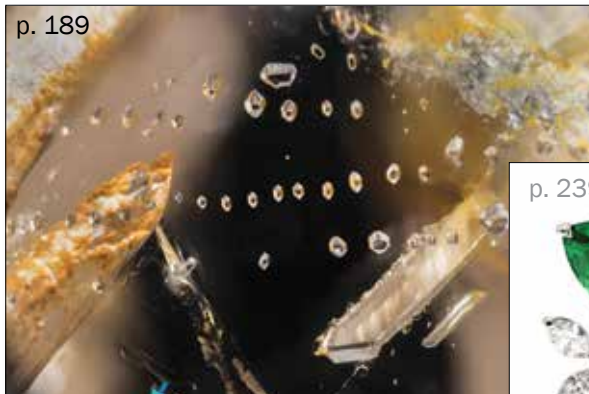
Adularia from Austria | Cat's-eye apatite from Namibia | Colour-change axinite-(Mn) from Tanzania | Green fluorite from Pakistan and Vietnam | Bi-coloured grossular from Kenya | Jade-like materials sold in Myanmar | Blue kyanite from Tanzania | Rainbow moonstone from Malawi | News from the Oceanview mine, Pala, California | Scheelite from Inner Mongolia | Aging silver-treated cultured pearl | Dyed hessonite imitating ruby | The Mirasety ring

Cover Photo:

Burmese jadeite is well known for its attractive coloration and transparency. Jadeite-bearing rocks may contain a wide variety of mineral assemblages in fine-grained aggregates that create challenges for the proper characterization and naming of these materials, as discussed in the article by L. Franz et al. on pp. 210–229.



The brooch on the cover features a carved piece of Burmese jadeite (6.40 × 5.30 cm) that is set with amethyst and diamonds in platinum and silver. Courtesy of Carnet by Michelle Ong, Hong Kong; photo by Tino Hammid.



ARTICLES

Feature Articles

210 A Comparative Study of Jadeite, Omphacite and Kosmochlor Jades from Myanmar, and Suggestions for a Practical Nomenclature

By Leander Franz, Tay Thye Sun, Henry A. Hänni, Christian de Capitani, Theerapongs Thanasuthipitak and Wilawan Atichat

230 The Discoverer of Tsavorite—Campbell Bridges—and His Scorpion Mine

By Bruce Bridges and Jim Walker

Gemmological Briefs

242 Emeralds Partially Coated with Amorphous Carbon

By Gagan Choudhary

248 The 'Sleeping Lion' Baroque Pearl: An Update

By J.C. (Hanco) Zwaan, Dirk M. van der Marel and Herman A. Dommissie

256 Excursions

262 Gem-A Notices

264 Learning Opportunities

268 New Media

274 Literature of Interest

The Journal is published by Gem-A in collaboration with SSEF and with the support of AGL and GIT.

