



The Journal of
Gemmology

Contents

| | |
|--|-----|
| The identity of reddish-brown inclusions in a new type of Russian hydrothermal synthetic emerald <i>K. Schmetzer and H.-J. Bernhardt</i> | 389 |
| A note on a new occurrence of vanadian grossular garnet from Madagascar <i>A. Mercier, B. Moine, J. Delorme and M.A.F. Rakotondrzafoy</i> | 391 |
| A Raman microscope in the gemmological laboratory: first experiences of application <i>H.A. Hänni, L. Kiefert and J.-P. Chalain</i> | 394 |
| A study of New Zealand Kauri copal <i>S.J.A. Currie</i> | 408 |
| Identification of B jade by diffuse reflectance infrared Fourier transform (DRIFT) spectroscopy <i>P.L. Quek and T.L. Tan</i> | 417 |
| The Stuart Jewel: a new acquisition for the National Museums of Scotland <i>B. Jackson and S. Honeyman</i> | 428 |
| Abstracts | 430 |
| Book Reviews | 436 |
| Proceedings of the Gemmological Association and Gem Testing Laboratory of Great Britain and Notices | 439 |

Cover Picture

Solid and liquid inclusions in sapphire (top), and multiphase inclusions in tourmaline (middle) and emerald (bottom) are highlighted on a background of violet flux-grown synthetic spinel. Identification of such inclusions is now possible with Raman spectroscopy (see pp. 394–406).

Photographs of inclusions by Dr Hans Werner Schrader, FGA, and of the spinel by Petri Tuovinen, FGA.

Copyright © 1997

The Gemmological Association and
Gem Testing Laboratory of Great Britain

Registered Office: Palladium House, 1–4 Argyll Street, London W1V 2LD