

<b>A. A. HODGSON, A. G. FERDMAN, and H. E. W. TAYLOR:</b> The thermal decomposition of amosite	page 445
<b>R. G. J. STRENS:</b> Stability and relations of the Al-Fe epidotes	484
<b>G. J. H. McCALL:</b> New material from, and a consideration of, the Dalgaranga meteorite and crater, Western Australia	476
<b>R. H. VERNON:</b> Plagioclase twins in some mafic gneisses from Broken Hill, Australia	488
<b>N. N. ROY:</b> The mineralogy of the potassium-barium feldspar series: I. The determination of the optical properties of natural members	508
<b>A. J. BURGER, O. VON KNORRING, and T. N. CLIFFORD:</b> Mineralogical and radiometric studies of monazite and sphere occurrences in the Namib desert, South-West Africa	519
<b>R. L. GRASTY and C. LEELANANDAM:</b> Isotopic ages of the basic charnockite and khondalite from Kondapalli, Andhra Pradesh, India	529
<b>M. P. JONES:</b> A continuous, laboratory-size density separator for granular materials	536
<b>E. A. JOBBINS, G. A. SERGEANT, and B. R. YOUNG:</b> X-ray and other data for mellite	542
<b>A. H. VAN DER VEEN:</b> Calzirtite and associated minerals from Tapira, Brazil	544
<b>R. G. J. STRENS:</b> Instability of the garnet $\text{Ca}_3\text{Mn}''\text{Si}_3\text{O}_{11}$ , and the substitution $\text{Mn}'' \rightleftharpoons \text{Al}$	547
<b>P. C. RICKWOOD:</b> A three-axis universal clamp for re-orientation of rocks in the laboratory	550
<b>DUNCAN MCCONNELL:</b> Deriving the formula of a mineral from its chemical analysis	552
<b>Book Reviews</b>	554

---

Printed in Great Britain by VIVIAN RIDLER at the University Press, Oxford