

## CONTENTS OF No. 330, JUNE 1980

	<i>page</i>
D. A. CARSWELL and C. M. RICE: The uranium content of garnet lherzolite xenoliths from kimberlites	689
D. K. BAILEY: Volatile flux, geotherms, and the generation of the kimberlite-carbonatite-alkaline magma spectrum	695
H. W. HASLAM, M. S. BREWER, A. E. DAVIS, and D. P. F. DARBYSHIRE: Anatexis and high-grade metamorphism in the Champira Dome, Malawi; petrological and Rb-Sr studies	701
M. QASIM JAN and R. A. HOWIE: Ortho- and clinopyroxenes from the pyroxene granulites of Swat Kohistan, northern Pakistan	715
JOHN FERGUSON: Kimberlite and kimberlitic intrusives of south-eastern Australia	727
JOHN F. RILEY: Ferroan carrollites, cobaltian violarites, and other members of the linnaeite group: $(\text{Co,Ni,Fe,Cu})_3\text{S}_4$	733
R. MUIR WOOD: Compositional zoning in sodic amphiboles from the blueschist facies	741
L. FANFANI, G. GIUSEPPE, C. TADINI, and P. F. ZANAZZI: The crystal structure of kogarkoite, $\text{Na}_3\text{SO}_4\text{F}$	753
C. J. ALABASTER: Analcime from the L. Lias on the W. Somerset coast	761
A. M. DUNCAN and R. M. F. PRESTON: Chemical variation of clinopyroxene phenocrysts from the trachybasaltic lavas of Mount Etna, Sicily	765
SIDNEY A. WILLIAMS: Schieffelinite, a new lead tellurate-sulphate from Tombstone, Arizona	771
N. KRISHNA RAO, D. NARASIMHAN, and G. V. U. RAO: The nickel telluride mineral melonite from the Jaduguda uranium deposit, Singhbhum Shear Zone, Bihar, India	775
BRYAN E. CHENHALL, EVAN R. PHILLIPS, and R. GRADWELL: Spotted structures in gneiss and veins from Broken Hill, New South Wales, Australia	779
P. B. MOORE, T. ARAKI, and A. R. KAMPF: Nomenclature of the phosphoferrite structure type: refinements of landesite and kryzhanovskite	789
C. K. BAKER and P. M. BLACK: Assimilation and metamorphism at a basalt-limestone contact, Tokatoka, New Zealand	797
C. M. JANTZEN: Rapidly quenched $\text{KAlSi}_3\text{O}_8$ - $\text{NaAlSi}_3\text{O}_8$ glasses	809
J. C. BEVAN and L. G. MALLINSON: Zinc- and manganese-bearing chromites and associated grossular from Zimbabwe	811
R. G. GUPTA and R. G. MENDIRATTA: $^{57}\text{Fe}$ Mössbauer study of orthopyroxenes of metamorphic origin	815
D. F. C. MORRIS, A. GHARIB, and H. SABER: Distribution of lanthanum, europium, germanium, tin, phosphorus, and sulphur in nickeliferous lateritic profiles	816
J. A. D. DICKSON: Artificial colouration of fluorite by electron bombardment	820
H. W. HASLAM: Grandidierite from a metamorphic aureole near Mchinji, Malawi	822
R. S. MITCHELL: Schmiederite: comments on the name	824
C. M. RICE: Nukundamite, a new mineral, and idaite—a correction	824
Obituary	825
Book Reviews	827

UNIVERSITY PRESS, OXFORD, ENGLAND