

CONTENTS OF No. 334, JUNE 1981

	<i>page</i>
B. W. D. YARDLEY and C. B. LONG: Contact metamorphism and fluid movement around the Easky adamellite, Ox Mountains, Ireland	125
M. J. LE BAS: Carbonatite magmas	133
C. TH. PAPAVASSILIOU and M. E. COSGROVE: Chemical and mineralogical changes during basalt-seawater interaction: Site 223, Leg 23, DSDP, north-west Indian Ocean	141
A. E. MOORE: Unusual perovskite textural relationships in olivine melilitites from Namaqualand-Bushmanland, South Africa	147
S. A. WILLIAMS: Duhamelite, $\text{Cu}_4\text{Pb}_2\text{Bi}(\text{VO}_4)_4(\text{OH})_3 \cdot 8\text{H}_2\text{O}$, a new Arizona mineral	151
P. BAYLISS: Unit cell data of serpentine group minerals	153
C. K. BROOKS, P. HENDERSON, and J. G. RØNSBO: Rare-earth partition between allanite and glass in the obsidian of Sandy Braes, Northern Ireland	157
R. N. THOMPSON: Thermal aspects of the origin of Hebridean acid magmas. I. An experimental study of partial fusion of Lewisian gneisses and Torridonian sediments	161
M. B. FOWLER, H. R. WILLIAMS, and B. F. WINDLEY: The metasomatic development of zoned ultramafic balls from Fiskenaeset, West Greenland	171
A. REAY: The effect of disc mill grinding on some rock-forming minerals	179
P. J. TRELOAR: Garnet-biotite-cordierite thermometry and barometry in the Cashel thermal aureole, Connemara, Ireland	183
A. KERR: Zoning in garnets from the mainland Lewisian	191
G. D. PRICE: Diffusion in the titanomagnetite solid solution series	195
J. A. ASPDEN: The composition of solid inclusions and the occurrence of shortite in apatites from the Tororo carbonatite complex of eastern Uganda	201
J. E. CHISHOLM: Pyribole structure types	205
B. BEDDOE-STEVENS and N. J. FORTEY: Columbite from the Carrock Fell tungsten deposit	217
Z. AHMED and J. C. BEVAN: Awaruite, iridian awaruite, and a new Ru-Os-Ir-Ni-Fe alloy from the Sakhakot-Qila complex, Malakand Agency, Pakistan	225
R. NAWAZ and J. F. MALONE: Orientation and geometry of the thomsonite unit cell: a re-study	231
P. J. DUNN: Akrochordite, a second occurrence: Sterling Hill, New Jersey	235
M. C. GEORGE, M. STONE, E. E. FEJER, and R. F. SYMES: Triplite from the Megiliggars Rocks, Cornwall	236
Book Reviews	239

UNIVERSITY PRESS, OXFORD, ENGLAND