

CONTENTS OF No. 338, MARCH 1982

	<i>page</i>
A. LIVINGSTONE and D. L. BISH: On the new mineral theophrastite, a nickel hydroxide, from Unst, Shetland, Scotland	1
R. A. MASON, J. V. SMITH, J. B. DAWSON, and S. B. TREVES: A reconnaissance of trace elements in anorthoclase megacrysts	7
A. R. WOOLLEY: A discussion of carbonatite evolution and nomenclature, and the generation of sodic and potassic fenites	13
G. D. PRICE: Exsolution in titanomagnetites as an indicator of cooling rates	19
D. TAYLOR: Phase diagrams: the composition of the material being instantaneously abstracted from the liquid during equilibrium crystallization in binary systems with solid solution between the end members	27
G. M. CORRIGAN: Supercooling and crystallization of plagioclase, olivine, and clinopyroxene from basaltic magmas	31
T. F. EMMETT: The petrography and geochemistry of corona-bearing dolerites from the Jotun Nappe, central southern Norway	43
S. A. WILLIAMS: Theisite, a new mineral from Colorado	49
R. E. BEVINS, S. TURGOOSE, and P. A. WILLIAMS: Namuwite, $(Zn,Cu)_4SO_4(OH)_6 \cdot 4H_2O$, a new mineral from Wales	51
J. D. SILLS: The retrogression of ultramafic granulites from the Scourian of NW Scotland	55
N. J. FORTEY and B. BEDDOE-STEPHENS: Barium silicates in stratabound Ba-Zn mineralization in the Scottish Dalradian	63
H. R. ROLLINSON: Evidence from feldspar compositions of high temperatures in granite sheets in the Scourian complex, NW Scotland	73
B. A. CRESSEY, E. J. W. WHITTAKER, and J. L. HUTCHISON: Morphology and alteration of asbestiform grunerite and anthophyllite	77
E. MURAD: Iron oxide mineralogy of a hydrothermal assemblage on Santorini Island, Aegean Sea	89
M. FIEREMANS and P. DE PAEPE: Genesis of tourmalinites from Belgium: petrographical and chemical evidence	95
J. A. GAMBLE: The mineral chemistry of dolerites and gabbros from the central complex of Slieve Gullion, NE Ireland	103
M. H. HEY: The determination of ferrous and ferric iron in rocks and minerals; and a note on sulphosalicylic acid as a reagent for Fe and Ti	111
R. S. W. BRAITHWAITE and B. V. COOPER: Childrenite in SW England	119
M. J. GOLE: A banded iron-formation assemblage containing clinopyroxene, andradite, babingtonite, and cronstedtite	127
B. BEDDOE-STEPHENS and K. SECHER: Barian wölsendorfite from East Greenland	130
F. I. ROBERTS: A dendritic-type arrangement of pyrite from the Kangiara deposit, SE Australia	132
C. J. STANLEY and R. A. IXER: Mineralization at Le Pulec, Jersey, Channel Islands; No. 1 Lode	134
G. MASCOLO and O. MARINO: Lattice parameters and composition limits of mixed Mg-Al hydroxy structures—a discussion	136
Book reviews	139