

CONTENTS OF No. 349, DECEMBER 1984

	page
G. DAVIES and R. G. CAWTHORN: Mineralogical data on a multiple intrusion in the Rustenburg Layered Suite of the Bushveld Complex	469
G. M. BIGGAR: The compositions of diopside solid solutions, and of liquids, in equilibrium with forsterite, plagioclase, and liquid in the system $\text{Na}_2\text{O}-\text{CaO}-\text{Al}_2\text{O}_3-\text{SiO}_2$ and in remelted rocks from 1 bar to 12 kbar	481
P. MITROPOULOS: Rare-earth element distribution in the metabasic rocks of the Land's End granite aureole (Southwest England)	495
E. MURAD and U. SCHWERTMANN: The influence of crystallinity on the Mossbauer spectrum of lepidocrocite	507
J. F. HOFFMAN and J. V. P. LONG: Unusual sector zoning in Lewisian zircons	513
B. M. ENGLAND: The paragenesis of contrasting habits of calcite and aragonite-calcite associations from Kulnura, New South Wales, Australia	519
D. J. MARTIN: Titanian aegirine in a teschenite sill	529
P. J. DUNN, D. R. PEACOR, and W. B. SIMMONS: Retzian-(La), a new mineral from Sterling Hill, Sussex County, New Jersey	533
A. M. CLARK, E. E. FEJER, and A. G. COUPER: Caratiite, a new sulphate-chloride of copper and potassium, from the lavas of the 1869 Vesuvius eruption	537
H. EFFENBERGER and J. ZEMANN: The crystal structure of caratiite	541
D. J. KONTAK, A. H. CLARK, and T. H. PEARCE: Recognition of simple and complex zoning in olivine and orthopyroxene phenocrysts using laser interference microscopy	547
P. H. NIXON, E. S. GREW, and E. CONDLIFFE: Kornerupine in a sapphirine-spinel granulite from Labwor Hills, Uganda	550
M. J. VAN BERGEN: Perrierite in siliceous lavas from Mt. Amiata, central Italy	553
J. OSTWALD: A low-zinc chalcophanite from Norseman, Western Australia	556
S. DASGUPTA, M. FUKUOKA, and S. ROY: Hematite-pyrophanite intergrowth in gondite, Chikla area, Sausar Group, India	558
A. LIVINGSTONE, B. JACKSON, and P. J. DAVIDSON: Grimaldiite, CrOOH, a second occurrence, from the Hiaca Mine, Colquechaca, Bolivia	560
P. J. DUNN: Barian muscovite from Franklin, New Jersey	562
A. M. R. NEIVA: Chromium-bearing kyanite from Mozambique	563
R. NAWAZ: New data on cowlesite from Northern Ireland	565
R. NAWAZ: Killinite is a di-octahedral hydromuscovite	566
J. A. MANDARINO, E. H. NICKEL, and F. CESBRON: Rules of procedure of the Commission on New Minerals and Mineral Names, International Mineralogical Association	567
E. E. FEJER and M. H. HEY: Thirty-third list of new mineral names	569
Book Reviews	587
Alphabetical Index	591

Mineralogical Magazine is published by the Mineralogical Society of Great Britain and Ireland in co-operation with the mineralogical societies of the following European countries: Austria, Belgium, Denmark, Finland, France, Italy, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and West Germany.

A common annual index to:

Bulletin de Minéralogie
 Fortschritte der Mineralogie
 Mineralogical Magazine
 Rendiconti della Società Italiana di Mineralogia e Petrologia
 Schweizerische Mineralogische und Petrographische Mitteilungen

is produced by 'La Société Française de Minéralogie et de Cristallographie' at the end of the annual volume of each journal and printed in a separate issue.