CONTENTS OF No. 377, DECEMBER 1990

Mineral and an I Date of	page
Mineralogy and Petrology M. J. L. Percival: Optical absorption spectroscopy of doped materials: the P2 ₁ 3 – P2 ₁	
2, 2, phase transition in K (Cd _{0.98} Co _{0.02}) ₂ (SO ₄) ₃	525
Z. Ahmed and G. R. McCormick: A newly discovered kimberlitic rock from Pakistan	537
E. A. Ferrow and M. RIPA: Al-poor and Al-rich orthoamphiboles: a Mössbauer spectroscopy and TEM study	547
U. Henn, H. Bank, F. H. Bank, H. von Platen, and H. Hofmeister: Transparent bright blue Cu-bearing tourmalines from Paraiba	553
D. R. PANDE and S. R. VADRABADE: Etch pits on basal cleavage faces of apophyllite crystals	559
G. F. Marriner, J. Tarney and J. I. Langford: Apophyllite group: effects of chemical substitutions on dehydration behaviour, recrystallization products and cell parameters	567
T. HIRAJIMA, A. ISHIWATARI, B. CONG, R. ZHANG, S. BANNO and T. NOZAKA: Coesite from the Menzhong eclogite at Dhonghai county, northeastern Jiangsu province,	507
China	579
N. J. G. Pearce: Zirconium and niobium-bearing ilmenites from the Igaliko dyke swarm, South Greenland	585
S. E. Ness, D. W. Haywick and C. Cuff: Overcoming the problems of high-resolution transmission electron microscopy of biogenic aragonite	589
A. J. CRIDDLE, P. KELLER, C. J. STANLEY and J. INNES: Damaraite, a new lead oxychloride mineral from the Kombat mine, Namibia (South West Africa)	593
W. D. Birch and A. Pring: A calcian ralstonite-like mineral from the Cleveland Mine, Tasmania, Australia	599
H. DE BRUIYN, W. A. VAN DER WESTHUIZEN, G. J. BEUKES and T. Q. MEYER: Corkite from Aggeneys, Bushmanland, South Africa	603
Crystal Structures	
P. J. Dunn, A. C. Roberts and F. Pertlik: Alvanite from the Kazakhstan, U.S.S.R.: new crystallographic and chemical data	609
T. V. VARAKSINA, V. S. FUNDAMENSKY, S. K. FILATOV and L. P. VERGASOVA: The crystal structure of kamchatkite, a new naturally occurring oxychloride sulphate of potassium and copper	613
	015
Applied Mineralogy R. J. Bowell, R. P. Foster and C. J. Stanley: Telluride mineralization at Ashanti gold mine, Ghana	617
D. A. C. Manning and D. W. Strutt: Metallogenic significance of a North Pennine springwater	629
G. Macleod, A. J. Hall and A. E. Fallick: An applied mineralogical investigation of concrete degradation in a major concrete road bridge	637
Short Communications	00.
R. H. MITCHELL: Shcherbakovite in leucite phlogopite lamproites from the Leucite Hills, Wyoming	645
A. PRING, W. D. BIRCH and A. RELLER: An occurrence of lead oxycarbonate	0.0
(PbCO .PbO) as a mine fire product at Broken Hill, New South Wales	647
A. LIVINGSTONE: Copper-aluminium analogues of hydrohonnessite and honessite, and woodwardite relationships	649
R. Nawaz: Brewsterite: re-investigation of morphology and elongation	654
D. McConnell: Kehoeite and viséite reviewed; comments on dahllite and francolite	657

Contents, continued

Mineralogical Note	
R. F. SYMES, M. WIRTH and B. YOUNG: Schultenite from the Caldbeck Fells, Cumbria: the first British occurrence	659
Mineralogical Nomenclature	
A. M. CLARK and P. C. TANDY: Thirty-sixth list of new mineral names	661
Book Reviews	673
Alphabetical Index	679