

CONTENTS OF No. 476, February 2009

	<i>Page</i>
R. MACDONALD and B. BAGIŃSKI: The central Kenya peralkaline province: a unique assemblage of magmatic systems	1
M. LEITL, A. PFITZNER and L. BINDI: Preferred ion diffusion pathways and activation energies for Ag in the crystal structure of stephanite, Ag_5SbS_4	17
M. R. POWER, D. PIRRIE, G. S. CANN and J. C. Ø. ANDERSEN: The mineralogy of efflorescence on As calciner buildings in SW England	27
R. G. YUSUPOV, C. J. STANLEY, M. D. WELCH, J. SPRATT, G. CRESSEY, M. S. RUMSEY, R. SELTMANN and E. IGAMBERDIEV: Mavlyanovite, Mn_5Si_3 : a new mineral species from a lamproite diatreme, Chatkal Ridge, Uzbekistan	43
T. BALIĆ-ŽUNIĆ, A. GARAVELLI, P. ACQUAFREDDA, E. LEONARSEN and S. P. JAKOBSSON: Eldfellite, $\text{NaFe}(\text{SO}_4)_2$, a new fumarolic mineral from Eldfell volcano, Iceland	51
J. BERGER, N. ENNIH, J.-C. C. MERCIER, J.-P. LIÉGEAIS and D. DEMAÏFFE: The role of fractional crystallization and late-stage peralkaline melt segregation in the mineralogical evolution of Cenozoic nephelinites/phonolites from Saghro (SE Morocco)	59
A. M. CALLEGARI and M. BOIOCCHI: Aschamalmite ($\text{Pb}_6\text{Bi}_2\text{S}_9$): crystal structure and ordering scheme for Pb and Bi atoms	83
DAWEI W. FAN, WENGE G. ZHOU, CONGQIANG Q. LIU, YONGGANG G. LIU, FANG WAN, YINSUO S. XING, JING LIU, LIGANG G. BAI and HONGSEN S. XIE: The thermal equation of state of $(\text{Fe}_{0.86}\text{Mg}_{0.07}\text{Mn}_{0.07})_3\text{Al}_2\text{Si}_3\text{O}_{12}$ almandine	95
S. V. KRIVOVICHEV, R. TURNER, M. RUMSEY, O. I. SHIDRA and C. A. KIRK: The crystal structure and chemistry of mereheadite	103
M. TRIBAUDINO, M. ZHANG and E. K. H. SALJE: Cation ordering and phase transitions in feldspars along the join $\text{CaAl}_2\text{Si}_2\text{O}_8$ - $\text{SrAl}_2\text{Si}_2\text{O}_8$: a TEM, IR and XRD investigation	119
P. ELLIOTT, U. KÖLITSCH, G. GIESTER, E. LIBOWITZKY, C. MCCAMMON, A. PRING, W. D. BIRCH and J. BRUGGER: Description and crystal structure of a new mineral – plimerite, $\text{ZnFe}_4^{3+}(\text{PO}_4)_3(\text{OH})_5$ – the Zn-analogue of rockbridgeite and frondelite, from Broken Hill, New South Wales, Australia	131
H. E. BELKIN, R. MACDONALD and E. S. GREW: Chevkinite-group minerals from granulite-facies metamorphic rocks and associated pegmatites of East Antarctica and South India	149
Erratum	165