

Contents

CASTRO, A., FERNÁNDEZ, C. & VIGNERESSE, J. L. Understanding granites: integrating new and classical techniques	1
THOMPSON, A. B. Some time–space relationships for crustal melting and granitic intrusion at various depths	7
DINGWELL, D. B. Granitic melt viscosities	27
AMÉGLIO, L. & VIGNERESSE, J. L. Geophysical imaging of the shape of granitic intrusions at depth: a review	39
PATIÑO DOUCE, A. E. What do experiments tell us about the relative contribution of crust and mantle to the origin of granitic magmas?	55
ROMÁN-BERDIEL, T. Geometry of granite emplacement in the upper crust: contributions of analogue modelling	77
HECHT, L. & VIGNERESSE, J. L. A multidisciplinary approach combining geochemical, gravity and structural data: implications for pluton emplacement and zonation	95
COBBING, J. E. The Coastal Batholith and other aspects of Andean magmatism in Peru	111
TRZEBSKI, R., LENNOX, P. & PALMER, D. Contrasts in morphogenesis and tectonic setting during contemporaneous emplacement of S- and I-type granitoids in the Eastern Lachlan fold belt, southeastern Australia	123
CRUDEN, A. R., SJÖSTRÖM, H. & AARO, S. Structure and geophysics of the Gasborn granite, Central Sweden: an example of fracture-fed asymmetric pluton emplacement	141
DIETL, C. Emplacement of the Joshua Flat–Beer Creek Pluton (White Inyo Mountains, California): a story of multiple material transfer processes	161
ALONSO OLAZABAL, A., CARRACEDO, M. & ARANGUREN, A. Petrology, magnetic fabric and emplacement in a strike-slip regime of a zoned peraluminous granite: the Campanario–La Haba pluton, Spain	177
FERNÁNDEZ, C. & CASTRO, A. Brittle behaviour of granitic magma: the example of Puente del Congosto, Iberian Massif, Spain	191
HIGGINS, M. D. Origin of megacrysts in granitoids by textural coarsening: a crystal size distribution (CSD) study of microcline in the Cathedral Peak granodiorite, Sierra Nevada, California	207
SAWYER, E. W., DOMBROWSKI, C. & COLLINS, W. J. Movement of melt during synchronous regional deformation and granulite-facies anatexis: an example from the Wuluma Hills, Central Australia	221
MOURI, H. & KORSMAN, K. Partial melting and <i>P–T</i> evolution of LP/HT metamorphic terranes: an example from the Svecofennian K-feldspar-poor leucosome migmatite belt, southern Finland	239
MENÉNDEZ, M. & ORTEGA, L. A. Magmatic hybridization related with feeding zones: the synkinematic Guitiriz granitoid, northwest Iberian Massif, Spain	255
Index	273