

## Contents

MALPAS, J. Preface	1
<b>Precambrian</b>	
WILDE, S. A., CAWOOD, P. A., WANG, K., NEMCHIN, A. & ZHAO, G. Determining Precambrian crustal Evolution in China: a case-study from Wutaishan, Shanxi Province, demonstrating the application of precise SHRIMP U–Pb Geochronology	5
ZHAO, G., SUN, M., WILDE, S. A. & GUO, J. Late Archaean to Palaeoproterozoic evolution of the Trans-North China Orogen: Insights from synthesis of existing data of the Hengshan–Wutai–Fuping belt	27
ZHAI, M. Precambrian tectonic evolution of the North China Craton	57
<b>Palaeozoic</b>	
JAHN, B.-M. The central Asian Orogenic Belt and growth of the continental crust in the Phanerozoic	73
BUCKMAN, S. & AITCHISON, J. C. Tectonic evolution of Palaeozoic terranes in West Junggar, Xinjiang, NW China	101
YUAN, C., SUN, M., YANG, J., ZHOU, H. & ZHOU, M.-F. Nb-depleted, continental rift-related Akaz metavolcanic rocks (West Kunlun): implication for the rifting of the Tarim Craton from Gondwana	131
FLETCHER, C. J. N., CHAN, L. S., SEWELL, R. J., CAMPBELL, S. D. G., DAVIS, D. W. & ZHU, J. Basement heterogeneity in the Cathaysia crustal block, southeast China	145
<b>Mesozoic</b>	
HACKER, B. R., RATSCHBACHER, L. & LIOU, J. G. Subduction, collision and exhumation in the ultrahigh-pressure Qinling–Dabie orogen	157
WANG, Q. & CONG, B. UHP rocks and the Dabieshan Orogenic Belt	177
LI, X.-H., CHUNG, S.-L., ZHOU, H., LO, C.-H., LIU, Y. & CHEN, C.-H. Jurassic intraplate magmatism in southern Hunan–eastern Guangxi: $^{40}\text{Ar}/^{39}\text{Ar}$ dating, geochemistry, Sr–Nd isotopes and implications for tectonic evolution of SE China	193
<b>Cenozoic-Present</b>	
AITCHISON, J. C. & DAVIS, A. M. Evidence for the multiphase nature of the India–Asia collision from the Yarlung Tsangpo suture zone, Tibet	217
DAVIS, A. M., AITCHISON, J. C., BADENGZHU & HUI, L. Conglomerates record the tectonic evolution of the Yarlung–Tsangpo suture zone in southern Tibet	235
ROBINSON, P. T., BAI, W.-J., MALPAS, J., YANG, J.-S., ZHOU, M.-F., FANG, Q.-S. HU, X.-F., CAMERON, S. & STAUDIGEL, H. Ultra-high pressure minerals in the Luobusa Ophiolite, Tibet, and their tectonic implications	247
CHI, C. T. & DOROBOK, S. L. Cretaceous palaeomagnetism of Indochina and surrounding regions: Cenozoic tectonic implications	273

YUMUL, G. P., DIMALANTA, C. B., TAMAYO, R. A., MAURY, R. C., BELLON, H., POLVÉ, M., MAGLAMBAYAN, V. B., QUERUBIN, C. L. & COTTEN, J. Geology of the Zamboanga Peninsula, Mindanao, Philippines: an enigmatic South China continental fragment?	289
TENG, L. S. & LIN, A. T. Cenozoic tectonics of the China continental margin: insights from Taiwan	313
WU, F. T., CHANG, C. S. & WU, Y. M. Precisely relocated hypocentres, focal mechanisms and active orogeny in Central Taiwan	333
Index	355