Contents

ROBERTSON, A. H. F. & MOUNTRAKIS, D. Tectonic development of the Eastern Mediterranean region: an introduction 1

SMITH, A. G. Tethyan ophiolite emplacement, Africa to Europe motions, and Atlantic spreading 11

HIMMERKUS, F., REISCHMANN, T. & KOSTOPOULOS, D. Late Proterozoic and Silurian basement units within the Serbo-Macedonian Massif, northern Greece: the significance of terrane accretion in the Hellinides 35

YANEV, S., GÖNCÜOĞLU, M. C., GEDIK, I., LAKOVA, I., BONCHEVA, I., SACHANSKI, V., OKUYUCU, C., ÖZGÜL, N., TIMUR, E., MALLAKOV, Y. & SAYDAM, G. Stratigraphy, correlations and palaeogeography of Palaeozoic terranes of Bulgaria and NW Turkey: a review of recent data 51

ROMANO, S. S., BRIX, M. R., DÖRR, W., FIALA, J., KRENN, E. & ZULAUF, G. The Carboniferous to Jurassic evolution of the pre-Alpine basement of Crete: constraints from U–Pb and U–(Th)–Pb dating of orthogneiss, fission-track dating of zircon, structural and petrological data 69

ROBERTSON, A. H. F. Sedimentary evidence from the south Mediterranean region (Sicily, Crete, Peloponnese, Evia) used to test alternative models for the regional tectonic setting of Tethys during Late Palaeozoic–Early Mesozoic time 91

KARAMATA, S. The geological development of the Balkan Peninsula related to the approach, collision and compression of Gondwanan and Eurasian units 155

KAZMIN, V. G. & TIKHONOVA, N. F. Evolution of Early Mesozoic back-arc basins in the Black Sea–Caucasus segment of a Tethyan active margin 179

GARDOSH, M. A. & DRUCKMAN, Y. Seismic stratigraphy, structure and tectonic evolution of the Levantine Basin, offshore Israel 201

DANELIAN, T., ROBERTSON, A. H. F., COLLINS, A. S. & POISSON, A. Biochronology of Jurassic and Early Cretaceous radiolarites from the Lycian Melange (SW Turkey) and implications for the evolution of the Northern Neotethyan ocean 229

RASSIOS, A. H. E. & MOORES, E. M. Heterogeneous mantle complex, crustal processes, and obduction kinematics in a unified Pindos–Vourinos ophiolitic slab (northern Greece) 237

KOLLER, F., HOECK, V., MEISEL, T., IONESCU, C., ONUZI, K. & GHEGA, D. Cumulates and gabbros in southern Albanian ophiolites: their bearing on regional tectonic setting 267

GARFUNKEL, Z. Neotethyan ophiolites: formation and obduction within the life cycle of the host basins 301

RIZAOĞLU, T., PARLAK, O., HOECK, V. & İŞLER, F. Nature and significance of Late Cretaceous ophiolitic rocks and their relation to the Baskil granitic intrusions of the Elazığ region, SE Turkey 327

MORRIS, A., ANDERSON, M. W., INWOOD, J. & ROBERTSON, A. H. F. Palaeomagnetic insights into the evolution of Neotethyan oceanic crust in the eastern Mediterranean 351


RICE, S., ROBERTSON, A. H. F. & USTAÓMER, T. Late Cretaceous–Early Cenozoic tectonic evolution of the Eurasian active margin in the Central and Eastern Pontides, northern Turkey 413

RIMMELÉ, G., OBERHANSLI, R., CANDAN, O., GOFFÈ, B. & JOLIVET, L. The wide distribution of HP–LT rocks in the Lycian Belt (Western Turkey): implications for accretionary wedge geometry 447

DEGNAN, P. J. & ROBERTSON, A. H. F. Synthesis of the tectonic–sedimentary evolution of the Mesozoic–Early Cenozoic Pindos ocean: evidence from the NW Peloponnese, Greece 467
Piper, D. J. W. Sedimentology and tectonic setting of the Pindos Flysch of the Peloponnese, Greece

Doutsos, T., Koukouvelas, I. K. & Xypolias, P. A new orogenic model for the External Hellenides

Vamvaka, A., Kilias, A., Mountrakis, D. & Papaoikonomou, J. Geometry and structural evolution of the Meso-Hellenic Trough (Greece): a new approach

Mucek, B., Mascle, G. H. & Tashko, A. First results of fission-track thermochronology in the Albanides

Westaway, R. Late Cenozoic extension in SW Bulgaria: a synthesis

Alçieçek, M. C., ten Veen, J. H. & Özkul, M. Neotectonic development of the Çameli Basin, southwestern Anatolia, Turkey


Pavlides, S. B., Chatzipetros, A., Tutkun, Z. S., Özaksoy, V. & Doğan, B. Evidence for late Holocene activity along the seismogenic fault of the 1999 Izmit earthquake, NW Turkey

Mountrakis, D., Transos, M., Papazachos, C., Thomaidou, E., Karagianni, E. & Vamvakaris, D. Neotectonic and seismological data concerning major active faults, and the stress regimes of Northern Greece


Papazachos, B. C., Karakaïsis, G. F., Papazachos, C. B. & Scordilis, E. M. Perspectives for earthquake prediction in the Mediterranean and contribution of geological observations

Index