

C O N T E N T S

INTRODUCTION	1
JACOBESHAGEN, Y.: Geodynamic evolution of the Atlas System, Morocco: an introduction	3
ANTI-ATLAS	11
WALLBRECHER, E.: The Anti-Atlas system : an overview	13
WALLBRECHER, E.: A ductile shear zone in the Panafrican basement on the northwestern margin of the West-African craton (Sirwa dome, central Anti-Atlas)	19
BASSIAS, Y., WALLBRECHER, E. and WILLGALLIS, A.: Tectono-thermal evolution of the Late Panafrican orogeny in the Central Anti-Atlas (Southern Morocco)	43
BRABERS, P.M.: A plate tectonic model for the Panafrican orogeny in the Anti-Atlas, Morocco	61
BUGGISCH, W. and FLOGEL, E.: The Precambrian/Cambrian boundary in the Anti-Atlas (Morocco). Discussion and new results	81
SDZUY, K. and GEYER, G.: The base of the Cambrian in Morocco	91
BUGGISCH, W. and SIEGERT, R.: Paleogeography and facies of the "Grès terminaux" (uppermost Lower Cambrian, Anti-Atlas/Morocco)	107
BUGGISCH, W.: Diagenesis and very low-grade metamorphism of the Lower Cambrian rocks in the Anti-Atlas (Morocco)	123
HIGH AND MIDDLE ATLAS	129
SCHAER, J.-P.: Deformation of igneous dikes in and around the Tichka granite, High Atlas - Morocco	131
LORENZ, J.C.: Synthesis of Late Paleozoic and Triassic redbed sedimentation in Morocco	139
WARME J.E.: Jurassic carbonate facies of the Central and Eastern High Atlas rift, Morocco	169
BRECHBÖHLER, Y.A., BERNASCONI, R. and SCHAER, J.-P.: Jurassic sediments of the Central High Atlas of Morocco: Deposition, burial and erosion history	201
FROITZHEIM, N., STETS, J. and WURSTER, P.: Aspects of Western High Atlas tectonics	219
JACOBESHAGEN, V., BREDE, R., HAUPTMANN, M., HEINITZ, W. and ZYLKA, R.: Structure and post-Palaeozoic evolution of the central High Atlas	245

FRAISSINET, C., ZOUINE, E.M., MOREL, J.-L., POISSON, A., ANDRIEUX, J. and FAURE-MURET, A.: Structural evolution of the southern and northern Central High Atlas in Paleogene and Mio-Pliocene times	273
DRESNAY, R. du: Recent data on the geology of the Middle- Atlas (Morocco)	293
HERBIG, H.-G.: Synsedimentary tectonics in the Northern Middle Atlas (Morocco) during the Late Cretaceous and Tertiary	321
SCHWARZ, G. and WIGGER, P.J. Geophysical studies of the earth's crust and upper mantle in the Atlas system of Morocco	339
CENOZOIC BASINS	359
GÜRLER, K., HELMDACH, F.-F., GAEMERS, P., HEISSIG, K., HINSCH, W., MÄDLER, K., SCHWARZHANS, W. and ZUCHT, M. The uplift of the central High Atlas as deduced from Neogene continental sediments of the Ouarzazate pro- vince, Morocco	361
HELM DACH, F.-F.: The ostracode fauna of the Ait Kandoula region: systematic description	405
STÄBLEIN, G.: Geomorphological aspects of the Quaternary evolution of the Ouarzazate basin, Southern Morocco	433
SCHMIDT, K.-H.: Rates of scarp-retreat: a means of dating neotectonic activity	445
SYNTHESES	463
DURAND-DELGA, M. and OLIVIER, Ph.: Evolution of the Alboran block margin from Early Mesozoic to Early Miocene time	465
JACOB SHAGEN, V., GÜRLER, K. and GIESE, P.: Geodynamic evo- lution of the Atlas System (Morocco) in post-Palaeozoic times	481