Contents

Introduction	5/
General information on the map	60
1. Main features of the map	60
2. Authors and the work done	60
3. The geographical base map	64
4. Fundamentals of the second edition and composition of its legend	66
Folded areas Cratons (platforms) Magmatism Metamorphism Formations Structures Oceans	67 71 72 73 73 74 74
Main structural features of Europe and adjacent areas	76
Cratons	79
The European craton The North American craton The Siberian craton The African-Arabian craton Platforms with Baikalian and reworked Pre-Baikalian basements The North-Sea - South-Baltic platform The Timan-Pechora platform North Ustiurt The central and eastern parts of the northern slope of the African-	79 81 81 82 82 82 83 83
Arabian craton	83

Areas of Caledonian folding	85
The Caledonides of East Greenland	85
The Caledonides of Scandinavia	85
The Caledonides of the British Isles	86
The Caledonides of Brabant and of other regions of the Mediterranean	
Belt	86
The Caledonides of West Central Kazakhstan	87
Areas of Variscan (Hercynian) folding	88
The Variscides of Western and Central Europe (except the Iberian	
Peninsula)	88
The Variscides of the Iberian Peninsula	89
The Variscides of north-western Africa	89
The Variscides of the southern framing of the European craton	89
The Variscides of the Urals	90
The Variscides of the West-Siberian platform basement	90
Late Variscides-Early Cimmerides	92
The structure of the sedimentary cover of Epi-Baikalian and younger platforms	93
Areas of Alpine folding	95
Basins of inland seas, underlain by suboceanic crust	97
Oceanic areas	97