

## Map 8. Mid Late Miocene (Late TORTONIAN - Early MESSINIAN - Early MAEOTIAN - Late PANNONIAN)

### Legend

#### I. LITHOLOGY:

	Conglomerate
	Sand and sandstone
	Silt and siltstone
	Clay
	Marl
	Limestone
	Diatomite
	Intrusive massif
	Basic volcanics
	Acidic volcanics
	Anhydrite and gypsum
	Coal

#### II. PALEOGEOGRAPHY

##### Marine environments:

	Shallow shelf
	Deep shelf
	Deep shelfal depression
	Continental slope, basin bottom

##### Semi-marine environments:

	Shallow shelf
	Deep shelf
	Continental slope, basin bottom

##### Brackish environments:

	Shallow shelf
	Deep shelfal depression

##### Continental environments:

	Freshwater lake, marsh
	Lowland
	Highland
	Mountain range

	a Paleogeographic boundary, a - established, b - inferred
	Lithofacies boundary
	Present-day limit of deposits
	Sea - continent transition
	River valley

	Bioherm
	Delta, pro-delta, fan
	Volcano
	Sediment supply

Thickness in meters, established and approximate

Isopach in meters

Synsedimentary fault, flexure

Overthrust: a - synsedimentary,  
b - postsedimentary

Strike-slip fault:  
a - synsedimentary, b - postsedimentary

Published and unpublished materials were used:

Ali-Zade et al. 1980; Andjelkovic et al. 1991; Barthelt 1988; Boccaletti et al. 1990; Cahuzac et al. 1992; Chekunov et al. 1976; Dercourt et al. 1993; Dercourt et al. 2000; Dumurdzanov & Krstic 1999; Goff et al. 1995; Karasev 1948; Kovac et al. 1989; Lüttig & Steffens 1976; Magyar et al. 1999; Muratov & Neveeskaya 1986; Öszayar 1977; Ponikarov et al. 1968; Robinson 1995; Rögl 1998; Rögl & Steininger 1983; Saidov & Kuschanin 1947; Seifert et al. 1991; Shcherba 1993; Shcherba et al. 2001; Sissingh 1997, 1998; Steininger et al. 1985; Steininger & Wessely 2000; Tugolesov et al. 1985; Vinogradov 1967-1969; Yetis et al. 1995; Ziegler 1990.

Map 8: Mid Late Miocene (Late Tortonian - Early Messinian - Early Maeotian - Late Pannonian). In: Popov, S.V., Rögl, F., Rozanov, A.Yu., Steininger, F.F., Shcherba, I.G. & Kovac, M. (2004): Lithological-Paleogeographic maps of Paratethys. Courier Forschungsinstitut Senckenberg, 250: 1-46; maps 1-10.