The direct correlation of the Neogene of the Eastern Paratethys and Tethys

Semenenko V.N., Andreyeva-Grigorovich A.S., Maslun N.V., Luljeva S.A.

Institute of Geological Sciences of National Academy of Sciences of Ukraine; info@igs-nas.org.ua

Time in Ma	etic	1 8	Ger	ner	al s			ohic scale	Regional stratigraphic divisions							
	Paleomagnetic scale	System	S		. Stage	. 8		Nannoplankton (Martini, 1971)	Correlation levels VN. Sømenerko, A.S. Andreyen-Grigorovich S. A. Luijeva, E.M. Boodsmovich, N.V. Masslun, L.S. Pathvanova, T.A. Ivanova, T.E. Lilanovskaya et al.	Regional	Weller Sea		Jimea. Kerdi	Play Seg		
2	C2		PLIOCENE	Lower Upper	Gelaz.	PI	L 6	NN18	Discoaster brouwer D. pentaradiatus	ĭ Ē		Taman				
3	C2A				Piac.		L 4 L 3	NN17 NN16 NN15	Ceratolithus acutus C. tricorniculatus D. quinquecuramus LO Globigerinoides obliqua extremus Discoaster neorectus	Kimmerian Akchagilian	Kuyalnik	(Pantikapej Camysh- burun		Kimmerij	
5					Zanklian	PL1	b a	NN14 NN13				F				
6	C3				Messinian		14	NN12		_			Azov Bosphor			
7	C3A						b	NN11b		555 355	Azov	-				
1	СЗВ							NN11a		Pontia	Bosphor Novoross Win Buzeus		Novoross	Pont Maeotis		
8	C4			Upper	an	M 13	H			≦) Maeotian		altsk				
9	C4A		MIOCENE		Tortonian	2		NN10			≌ Bagerov	ω.				
) -							а	NN9b	Globigerinoides scitula Globigerina bulloides	_	Kherson		Kherson Bessarab Volyn		Uppe	
1	C5	Ш						NN9a	Discoaster hamatus Catinaster caliculus Catinaster coalinus Globoquadrina dechiscens Turborotalia mayer Cl. bulloides H. walbersdorfensis Refuciolenestra	(<u>s</u>) Sarmatian	Bessarab	E		Sarmat	Middle	
		ш		П	Langhian Serravallian	M	12	NN7								
2	C5A	0				25 M	11 10 9b 9a 8	NN6			Volyn			27.7	Lowe	
3	C5AA	ш		9		1 33	17			Konkian	Veselyank Sartagan	a	a Veselyanka Sartagan		Konka	
	C5AB C5AC	z				М 6		NN5	Discoaster exilis H. watrars	Karagania Chokrakia	Kartvel	1	Nartvei		Karagan Chokrak	
,	C5AD									nian	Yurakov		februarie net	Tarkhan		
	C5B					M	5b		Sphenolithus heleromorphus Globigerina tarchanensis Praeorbulina glomerosa Helicosphaera	≡)(<) Tarkhanian	Tomak		arkhan s.str. Kamyshlak	s.l.		
7	C5C					M 5a M 4b M 4a		NN4	ampliaperta Gl. bisphaericus Praerbulina	Kotsakhuran	Mayachk Karzhin		Korolev			
	C5D				Aquitanian Burdigalian		3			Kots		1		llitchevsk		
	C5E					IV	13	NN3	Globigerina concinna Sphenolithus	<u>ا</u> و	Kamrat		Arabat			
	C6							1110	Chastegerina evoluta Truncorotalia obessa Globorotalia paescitula	Sacaraulian				=		
				Lower		M	12	NN2		Sa	/					
	C6A			7		1					/>			/		
	C6AA						h			Caucasian s.l.	пора					
	C6Bn					×	b				Chornobay	1				
	C6Br						а	NN1			5 00	-			ormi	
1	C6Cn		OLIGOCENE	er	Hattian				Chiropteridium (galea Membranophoridium				Kerleut		npf	
j .	C6Cr C7n	PALEOGENE				P	22	NP 25	aspinatum R. bisecta H. recta		Gornosta	ıy		L. Kerleut subformation		
	C8n	ALEO	SUIG	Upper							Ascaniy	,	نــُ			
	C8r C9n	۵				221	b		Gl. ciperoensis	-	j	1				

Analyzing the plankton (foraminifers. microfossils nannoplankton), some correlation levers are recognized in the Neogene sediments of the Eastern Paratethys. The concept aspects of the stratigraphy of the Eastern Paratethys are considered. The problems concerning the stage and zonal division, correlation of Neogene stratigraphic units of different ranks and structural-facial zones are interpreted. Based on the complex methodology (bio-, litho-, magnetiostratigraphy), accuracy of direct correlations of Neogene of the Eastern Paratethys with the International Stratigraphic chart is proved.

Stratigraphic chart of the Neogene of the Eastern Paratethys