

	Ertych section			Djravank section							Noravank section		
	Er 19/3	Er 19/2	Er 19/1	Dj 19/6	Dj 19/7	Dj 19/8	Dj 19/9	Dj 19/10	Dj 19/11	Dj 19/12	Nv 19/50	Nv 19/38	Nv 19/20
<i>Ripidiorhynchus gnishikensis</i>	X	X	X			X	X	X	X	X	X	X	
<i>Cyphoterorhynchus koraghensis</i>	X	X	X	X	X	X					X	X	
<i>Atrypa (Planatrypa) ertichensis</i>			X										
<i>Spinatrypa</i> sp.			X										
<i>Desquamatia (Seratrypa) abramianae</i>	X	X	X			X			X	X		X	X
<i>Angustisulcispirifer arakelyani</i>	X	X	X			X	X	X	X		X	X	
Cyrtospiriferinae gen. indet.		X						X					

Tab. 1 - Occurrence table of brachiopods identified in the three studied sections.

	W	L	T	Ws	L/W	T/W	Ws/W
Number of individuals	9	9	9	9	9	9	9
Mean value	16.52	14.13	12.26	8.59	0.86	0.74	0.52
Standard deviation	0.98	1.2932	1.1349	0.5326	0.0549	0.0299	0.0335
Standard error $\pm$	$\pm 0.3274$	$\pm 0.431$	$\pm 0.3783$	$\pm 0.1775$	$\pm 0.0183$	$\pm 0.0099$	$\pm 0.0112$
Min	15.1	13	11	7.9	0.78	0.7	0.49
Max	17.9	16.2	13.7	9.3	0.93	0.77	0.58

Tab. 2 - Measurements in mm and ratios of *Ripidiorhynchus gnishikensis* (Abrahamyan, 1959). Abbreviations: W—width of the shell, L—length of the shell, T—thickness of the shell, Ws—width of the sulcus.

	W	L	T	Ws	L/W	T/W	Ws/W
Number of individuals	25	25	25	25	25	25	25
Mean value	25.93	21.8	17.88	12.94	0.84	0.69	0.5
Standard deviation	0.7482	1.3312	0.5711	1.0448	0.0361	0.0266	0.0321
Standard error $\pm$	$\pm 0.1496$	$\pm 0.2662$	$\pm 0.1142$	$\pm 0.209$	$\pm 0.0072$	$\pm 0.052$	$\pm 0.0064$
Min	24	19.7	15.7	10.4	0.79	0.64	0.42
Max	27	24.3	18.5	13.9	0.92	0.72	0.53

Tab. 3 - Measurements in mm and ratios of *Cyphoterorhynchus koraghensis* (Reed, 1922). Abbreviations: W–width of the shell, L–length of the shell, T–thickness of the shell, Ws–width of the sulcus.

	W	L	T	LW	TW
Number of individuals	23	23	23	23	23
Mean value	25.5	25.7	16.02	1.01	0.64
Standard deviation	6.42	5.9774	4.2855	0.05	0.1496
Standard error $\pm$	$\pm 1.3388$	$\pm 1.2464$	$\pm 0.8936$	$\pm 0.0104$	$\pm 0.011$
Min	12.5	14	7	0.95	0.39
Max	39.6	37.7	24.6	1.12	1.16

Tab. 4 - Measurements in mm and ratios of *Desquamatia (Sera-trypa) abramianae* Komarov, 1992. Abbreviations: W—width of the shell, L—length of the shell, T—thickness of the shell.

	W	L	T	Ws	dL	L/W	T/W	Ws/W	W/dL
Number of individuals	52	50	50	50	50	50	50	50	50
Mean value	28.86	26.91	22.44	20.6	8.8	0.92	0.67	0.3	0.71
Standard deviation	7.0307	7.0832	21.55	5.7482	3.1153	0.0495	0.049	0.051	0.04
Standard error±	±0.975	±1.002	±1.1783	±0.8129	±0.4406	±0.007	±0.007	±0.0071	±0.006
Min	18.4	15.9	11.5	12	3	0.77	0.55	0.15	0.58
Max	51.2	49.5	37.2	38.1	19.8	0.98	0.76	0.39	0.77

Tab. 5 - Measurements in mm and ratios of *Cyrtospiriferinae* gen. indet. Abbreviations: W–width of the shell, L–length of the shell, T–thickness of the shell, Ws–width of the sulcus, dL–length of the dorsal valve.

	W	L	T	Ws	dL	L/W	T/W	Ws/W	W/dL
Number of individuals	14	11	9	11	8	11	9	11	8
Mean value	36.24	22.06	18.52	11.46	17.5	0.6	0.5	0.31	0.47
Standard deviation	3.6515	0.4272	2.1701	1,3156	2.3084	0.0618	0.0453	0.043	0.0271
Standard error±	±0.9759	±0.1288	±0.7233	±0.3967	±0.8161	±0.0184	±0.0151	±0.013	±0.0096
Min	29	21.6	16.4	9	12	0.53	0.44	0.26	0.41
Max	41.8	23.2	22.2	13.4	19.8	0.75	0.57	0.38	0.51

Tab. 6 - Measurements in mm and ratios of *Angustisulcispirifer arakehyani* n. gen., n. sp. Abbreviations: W–width of the shell, L–length of the shell, T–thickness of the shell, Ws–width of the sulcus, dL–length of the dorsal valve.