

## APPENDIX 1

Relative abundances [%] of nannofossils for some selected samples from the Tepal section

60	55	49	45	41	38	34	32	29	26	23	20	17	14	13	12	11	10	9	8	7	5	3	2	1	Sample no	
0	0	0	0	0	0	0	0	0	0	0	2.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	<i>A. lineola</i>
0	0	0	0	0	0	0	4.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	<i>B. delicatus</i>
0	0	0	0	0	0	0	0	0	7.4	0	8.10	3.22	0	0	16.16	0	0	0	0	0	0	0	0	0	0	<i>B. matalosa</i>
0	0	0	0	0	7.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	<i>Cy. argoensis</i>
15.78	14.28	0	0	16.66	0	13.79	17.39	8.33	0	13.79	16.21	8.06	2.38	0	0	0	23.07	11.11	0	0	0	0	0	0	0	<i>Cy. deflanderii</i>
0	0	0	0	0	0	0	0	0	0	0	0	3.22	0	0	0	0	0	0	0	0	0	0	0	0	0	<i>Cy. margerelii</i>
0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.51	0	0	0	0	0	0	0	0	0	0	0	<i>D. rectus</i>
0	0	0	0	0	0	3.44	0	4.16	0	0	5.40	3.22	0	0	0	0	15.38	0	0	15.38	0	0	0	0	0	<i>D. ignotus</i>
0	0	0	0	0	7.69	0	0	0	0	0	0	0	0	1.51	0	0	0	0	0	0	0	0	0	0	0	<i>L. carniolensis</i>
10.52	14.28	0	0	0	0	0	0	0	0	0	0	1.61	0	0	0	0	0	0	0	0	0	0	0	0	0	<i>N. circularis</i>
0	0	0	50	11.11	7.69	10.33	13.04	8.33	11.11	0	0	3.22	0	1.51	0	11.11	0	0	0	0	0	0	0	0	0	<i>N. g. subsp. globulus</i>
0	0	0	0	0	0	6.89	0	0	3.7	6.89	0	1.61	0	0	16.16	0	7.69	0	0	7.69	0	0	0	0	0	<i>N. k. subsp. kamptneri</i>
10.52	14.28	33.33	16.66	0	0	0	4.34	0	0	0	0	0	0	0	33.33	5.55	0	0	0	0	0	0	0	0	0	<i>N. st. subsp. steinman</i>
5.26	0	0	0	0	0	0	0	0	0	3.44	0	1.61	0	0	0	0	0	0	0	0	0	0	0	0	0	<i>P. saudicus</i>
0	0	0	0	0	0	0	0	0	0	3.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	<i>P. marjanensis</i>
0	0	0	0	0	7.69	0	0	0	0	0	0	0	0	0	0	0	0	0	2.85	0	0	0	0	0	0	<i>R. asper</i>
0	0	0	0	27.77	0	6.89	13.04	20.83	22.22	10.34	8.10	6.45	0	0	0	0	0	0	0	0	0	0	0	0	0	<i>W. barnesiae</i>
0	0	0	0	0	0	0	0	0	3.7	6.89	0	11.29	14.28	4.54	0	0	0	25.92	34.28	23.07	0	0	0	0	0	<i>W. biporta</i>
15.78	28.57	33.33	0	44.44	0	37.93	34.78	20.83	40.74	24.13	35.13	24.19	38.09	46.96	0	44.44	53.84	29.62	22.85	23.07	0	0	0	0	0	<i>W. britannica</i>
0	0	0	0	0	0	0	0	0	0	0	0	2.38	0	0	0	0	0	0	0	0	0	0	0	0	0	<i>W. cythae</i>
42.10	28.57	33.33	33.33	0	61.53	20.68	13.04	37.5	11.11	31.03	24.32	30.64	40.47	43.93	33.33	38.88	0	33.33	40	30.76	0	0	0	0	0	<i>W. fossacincta</i>
0	0	0	0	0	7.69	0	0	0	0	0	0	1.61	2.38	0	0	0	0	0	0	0	0	0	0	0	0	<i>W. ovata</i>