

TABLE DR1.

Kallo depth in m	C %	I %	S(I) %	K %	>K<
376.0	10	26	54	10	3
376.5	5	22	65	8	2.7
377.5	5	19	72	4	2.2
379.5"	0	20	75	5	-
379.5	0	21	74	5	-
380.5	1	12	85	2	3
381.8	2	41	52	5	2.2
383.0	3	26	66	5	2.3
384.5	1	17	80	2	2.2
385.0	2	8	87	3	-
385.8	2	39	54	5	2
386.5	1	15	79	5	2.2
388.0	7	40	40	13	3.5
389.0	2	28	65	5	2.5
390.0	3	7	72	18	5
390.5	3	11	68	18	6
393.0	4	13	47	36	6
393.5	3	23	62	12	3.5
394.0	5	38	37	20	2.2
396.0	4	28	55	13	2.5
397.5	5	38	45	12	3
397.5"	5	38	42	15	3
398.0	3	28	59	10	3.5
400.0	6	25	53	16	2.6
401.0	3	13	76	8	2.5
402.2	3	9	88	0	-
403.5	4	12	84	0	-

TABLE DR2.

Doel depth in m	C %	I %	S(I) %	K %	>K<
442.53	2	15	76	7	4.5
443.73	2	10	84	4	3.5
444.01	1	9	87	3	3.5
445.00	1	16	80	3	3.0
445.94	1	10	88	1	3.0
447.01	3	9	85	3	3.0
448.07	1	8	90	1	3.0
449.33	2	11	86	1	2.7
451.23	1	8	90	1	2.5
452.10	1	9	88	2	2.0
453.00	1	14	82	3	3.0
453.50	1	10	85	4	2.5
453.98	*	8	89	3	3.0
454.87	1	9	88	2	2.0
455.15	*	6	93	1	2.5
455.49	1	8	90	1	2.5
455.85	*	8	90	2	2.5
456.08	1	8	90	1	3.0
456.75	1	8	90	1	2.5
457.61	6	5	57	32	4.5
458.81	1	5	92	2	2.5
459.59	1	10	87	2	2.5
460.60	1	30	54	14	2.7
461.58	4	25	62	9	3.0
462.65	3	24	60	13	3.2
463.62	2	15	74	9	3.0
464.72	2	13	77	8	3.2
465.78	2	14	77	7	3.2
466.59	1	15	74	10	3.2
467.60	1	13	79	7	2.7
468.30	1	8	90	1	2.5
468.78	1	9	90	*	2.5
469.39	*	7	93	*	2.5
470.02	1	7	92	*	*

TABLE DR3				
Samples depth in m	TOC %	Sulfur %	isotopic values ‰	CaCO <sub>3</sub> %
K 376	0.5300	0	-26.27	0
K 376.5	0.3100	0	-26.27	0
K 377.5	3.7400	0	-21.61	41.89
K 378	1.1150	0	-24.37	58.20
K 378.5	2.3000	0	-25.12	88.50
K 379	0.2242	0	-23.79	36.30
K 380	0.2300	0	-24.04	0
K 380.4	2.2700	0	-23.46	0
K 380.5	1.9400	0	-23.76	0
K 380.7	1.1900	0	-23.66	2.50
K 381	0.7200	0	-23.71	0
K 381.6	0.6200	0	-24.33	0
K 381.8	0.3900	0	-24.56	0
K 384	0.0700	0	-25.97	6.00
K 384.5	0.0840	0.2992	-25.15	-
K 385.2	1.3530	0	-26.44	29.30
K 385.6	1.7810	0	-27.00	51.75
K 385.8	1.2350	0	-23.77	0
K 386	0.8500	0	-23.14	15.20
K 386.3	0.9500	0	-23.12	3.20
K 386.7	0.1455	0	-23.53	0
K 387	0.0500	0	-24.46	-
K 387.8	1.0400	0	-24.75	0
K 388.2	2.2300	0	-25.03	0
K 388.6	3.1800	0	-25.22	0
K 389	2.3100	0	-24.98	0
K 389.15	1.4900	0	-25.24	0
K 389.5	3.3600	0	-25.39	0
K 389.9	0.1300	0	-26.68	0
K 390.5	0.9464	0.03605	-26.68	-
K 393.5	0.9936	0	-27.14	-
K 394	2.6441	0	-27.25	-
K 395	0.1800	0	-27.22	0
K 397.5	0.9755	3.6170	-28.23	0
K 398	0.8822	2.2140	-28.67	-
K 398.5	1.2000	0	-28.83	0
K 399	1.1800	0	-29.09	0
K 400.5	0.8800	0	-28.28	0
K 401	0.9100	0	-27.91	1.60
K 402	0.7000	0	-27.89	0
K 403	0.2000	0	-25.80	3.00
K 404.5	0.1310	0	-25.41	0.50

TABLE DR4				
Samples depth in m	TOC %	Sulfur %	isotopic values ‰	CaCO <sub>3</sub> %
DL443.73	0.9842	0.2581	-25.74	0
DL443.89	1.0800	0.5232	-24.31	-
DL444.01	0.5067	0.7504	-23.00	0
DL444.18	0.2708	0.5046	-24.30	-
DL445	0.2417	0.4407	-22.77	0
DL445.5	0.3022	0.6235	-22.88	-
DL446.28	0.2139	0.6269	-23.45	-
DL447.32	0.1490	0.5330	-23.77	-
DL447.62	0.2309	1.2410	-24.05	-
DL448.07	0.2417	0.3423	-24.42	0
DL448.44	0.1927	0.2559	-24.48	-
DL449	0.0533	0.1877	-23.60	-
DL449.75	0.1196	0.1505	-23.69	-
DL450.73	0.1289	0.0885	-23.67	-
DL451.58	0.1596	0.2140	-23.54	2.20
DL452.59	1.1800	1.5720	-24.10	-
DL453	0.0200	0.1839	-25.42	0
DL453.27	0.0686	0.5861	-25.33	-
DL453.5	2.1070	0.3597	-24.97	0.4
DL453.6	5.2560	0.7295	-24.85	-
DL453.70	1.3880	0.3692	-25.03	-
DL455	2.7910	3.7560	-25.19	-
DL455.15	0.1643	0.7582	-25.05	0
DL455.86	2.9490	1.2480	-24.70	0
DL456.99	28.1000	12.1200	-24.29	-
DL456.08	0.2931	0.6430	-24.90	0
DL456.95	18.1100	16.4700	-24.63	-
DL457.33	1.4340	1.3670	-24.85	-
DL457.45	2.3620	1.8510	-24.48	-
DL457.61	0.1457	0.1083	-24.56	0
DL457.8	0.1855	0.3664	-24.60	-
DL458.81	0.0728	0.4338	-24.98	0
DL459.22	0.0667	0.0837	-24.82	-
DL459.78	0.0707	0.0679	-24.97	-
DL460.28	0.1372	0.1156	-25.16	-
DL460.6	0.3076	0.1076	-25.67	0.4
DL461.08	0.3178	2.3980	-26.30	-
DL461.58	0.8954	2.4370	-27.51	0
DL462.28	0.6599	0.7659	-28.02	-
DL462.65	0.7431	1.5220	-28.08	0
DL463.04	0.7841	1.3290	-28.51	-
DL463.17	0.9677	2.4330	-28.04	-
DL463.27	3.1980	4.7680	-29.18	-
DL463.62	1.0850	3.8580	-28.54	0
DL464.22	1.5570	2.1580	-28.75	0
DL464.4	1.2050	1.9320	-28.22	-
DL464.71	1.2600	1.9150	-29.01	6.70
DL464.73	0.4122	0.8010	-27.89	19.40
DL465.05	1.3802	0	-28.46	4.50
DL465.78	1.4610	2.4920	-28.57	1.70
DL466.1	1.2220	1.7750	-28.08	0
DL466.97	0.9269	1.1790	-28.25	2.10
DL467.59	0.8818	0.6242	-27.76	16.40
DL467.61	0.9294	0.8673	-28.18	8.6
DL468.54	0.8818	0.9568	-27.41	0
DL468.78	0.3784	0.6363	-26.07	0
DL470.02	0.1696	0.1523	-24.13	2.20
DL471.47	0.0471	0.1070	-23.08	2.40
DL471.80	0.1473	0.2205	-24.01	2.40
DL472.80	0.1340	0.2663	-23.78	6.30

TABLE DR5

Kallo borehole samples (depth in m)		% total palynomorphs				number of specimens counted	% total pollen + spores											
		Pollen	Spores	Pollen + Spores	Aquatic palynomorphs		Bisaccate pollen	Palmae	Myriaceace	Taxodiaceae	Restionaceae	Normapolles	Juglandaceae	Tiliaceae	Caryas	? Caryas	small pollen	
404.00		41.5	3	44.4	55.6	270	20.8	1.6	0.8	14.1	0	1.6	1.6	0.8	0.8	5.9	10.7	
402.50		37.0	2.4	39.4	60.6	330	16.9	1.5	0	11.5	2.3	0	4.5	0.7	0.7	6.0	18.0	
402.00	KP 1a	32.7	4.4	37.1	62.9	620	10.8	4.3	9.9	6.5	6.5	7.2	11.7	0.4	0.4	5.1	19.2	
401.50		50.3	7.3	57.6	42.4	330	14.7	5.8	2.1	8.3	3.1	2.5	10.5	0	0.5	3.6	21.1	
401.00	KP 1b	47.2	8.3	55.6	44.4	360	7.5	5.0	0	6.5	3.5	2.0	10.5	0.5	1.5	4.5	18.8	
400.50		40.0	5.1	45.1	54.9	510	7.8	4.7	0	7.3	6.5	2.6	7.3	0	0.8	12.9	15.7	
399.80		33.6	6.4	40.0	60.0	360	6.9	8.3	0	7.6	4.1	3.4	11.8	0	1.4	8.3	19.3	
399.50		27.3	4.4	31.7	68.3	520	4.8	9.0	0	7.8	4.8	2.4	12.1	1.2	0	8.4	18.3	
399.00		23.4	1.6	25.0	75.0	820	5.0	7.5	0	4.5	6.5	0.5	11.0	1.5	1.5	12.0	19.3	
398.50		21.8	1.3	23.1	76.9	780	2.7	7.7	0	4.9	5.5	3.5	8.3	2.0	2.2	11.6	15.9	
397.50		18.2	3.0	21.2	78.8	660	3.6	7.8	0	7.1	7.1	0	17.9	0	0.7	11.4	25.0	
396.00		18.3	0.8	19.1	80.9	600	2.6	0.8	2.5	4.3	1.7	1.6	8.6	2.5	0.8	12.1	27.3	
395.00		14.3	0.7	15.0	85.0	700	2.0	7.0	5.0	3.0	0	2.0	8.0	5.0	1.0	10.0	29.0	
393.00		11.0	1.0	12.0	88.0	500	1.6	11.6	0	0	0	0	19.9	0	0	9.9	40.0	
390.00		KP 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
389.90	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
389.50	KP 3	66.6	12.0	78.8	21.4	350	1.8	1.1	7.6	2.9	7.2	0.7	7.6	0.4	1.5	11.7	15.5	
389.15		75.2	17.8	93.0	7.0	290	1.8	3.0	7.0	5.5	2.9	3.4	5.1	0.7	0.7	9.9	13.8	
389.10		78.0	10.0	88.0	12.0	250	1.8	3.2	5.9	5.4	5.0	4.1	5.8	0.5	1.4	10.1	15.9	
389.00		75.7	10.5	86.2	13.8	325	2.8	4.7	7.1	8.2	3.9	3.8	6.7	2.8	1.8	7.3	15.4	
388.80		70.0	22.5	92.5	7.5	200	2.7	7.5	2.0	8.6	2.7	2.0	3.2	0	1.0	4.7	15.8	
388.60		56.8	36.4	93.2	6.8	220	1.5	2.0	1.5	3.4	4.8	2.5	3.4	1.0	2.0	6.9	14.4	
388.60*		?	?	100	0	184	?	?	?	?	?	?	?	?	?	?	?	?
388.50		58.2	7.9	66.1	33.9	280	2.7	4.3	3.0	7.5	5.4	2.0	6.4	1.0	2.7	14.2	14.7	
388.40		59.3	29.6	88.9	11.1	270	1.6	4.1	3.2	4.9	5.0	2.0	4.9	0.8	0.8	8.3	11.9	
388.30		81.5	11.0	92.5	7.5	200	1.6	5.3	3.1	3.1	5.4	1.0	3.7	1.0	1.0	4.7	7.3	
388.20		83.3	11.1	94.4	5.6	180	1.2	4.6	2.4	3.6	6.0	2.4	4.1	1.2	4.7	14.7	6.8	
388.20*		67.8	32.2	100	0	329	?	?	?	?	?	?	?	?	?	?	?	?
388.00		86.3	8.5	94.8	5.2	211	1.0	2.0	3.5	4.0	5.0	3.0	5.5	0	2.5	11.0	15.4	
387.80	KP 4a	39.0	4.8	43.8	56.2	400	4.0	4.0	0	10.8	8.6	0.6	5.7	1.2	1.1	7.4	16.0	
386.50		70.4	6.5	76.9	23.1	260	2.5	4.5	0	11.0	6.5	0.5	8.0	1.0	1.5	8.0	21.9	
386.30		72.5	6.7	79.2	20.8	240	1.1	3.1	4.8	4.2	3.1	2.1	5.7	1.0	1.6	8.5	15.5	
386.00		65.9	6.8	72.7	27.3	440	2.5	3.7	6.0	7.2	5.0	3.3	8.0	0.9	1.6	7.2	16.0	
385.80		52.5	6.6	59.1	40.9	440	1.9	7.0	6.1	7.6	3.8	4.5	7.7	4.7	1.5	6.5	16.9	
385.60	KP 4b	26.5	5.8	32.3	67.7	480	1.9	12.8	1.3	20.6	4.5	2.4	5.1	3.1	0.6	6.4	11.8	
385.20		24.5	3.8	28.3	71.7	600	1.2	4.7	6.9	11.7	4.7	6.4	4.7	2.4	1.2	7.6	15.0	
382.00	KP 4c	66.6	5.9	72.4	27.6	290	2.4	3.8	3.7	7.6	4.3	1.5	8.0	2.8	5.7	8.1	7.8	
381.80		77.1	5.7	82.8	17.2	350	3.4	6.2	5.9	4.8	3.4	1.8	12.0	3.7	3.4	8.2	18.7	
381.60		69.4	4.8	74.2	25.8	310	2.6	7.8	6.5	7.4	4.3	2.0	9.5	3.8	1.7	5.6	22.7	
381.30		63.0	3.7	66.7	33.3	270	2.2	6.6	7.1	6.0	2.2	1.7	13.3	2.2	1.6	7.7	21.3	
381.20		60.0	3.6	63.6	33.4	330	2.9	5.7	4.7	5.2	4.8	3.2	10.0	2.7	0.9	8.0	19.3	
381.00		64.9	4.6	69.6	30.4	345	3.3	6.3	7.9	4.5	8.3	2.9	10.0	2.8	1.7	8.3	15.9	
380.90		70.3	3.9	74.2	25.8	310	2.6	8.2	3.9	5.2	5.2	2.2	7.4	2.5	1.3	10.8	17.0	

380.70		70.4	5.6	76.1	23.9	355	1.8	5.5	3.7	5.5	3.7	2.2	8.9	2.2	3.1	7.4	23.0
380.50		72.2	9.3	81.5	18.5	270	2.3	8.7	7.3	4.5	3.6	3.7	9.1	3.1	0.9	5.0	17.8
380.40		69.7	6.8	76.5	23.5	340	2.7	11.8	5.1	7.7	3.0	6.9	13.0	2.2	1.9	3.8	20.2
380.00		75.3	9.7	85.0	15.0	300	1.9	6.3	5.0	6.3	1.9	3.2	15.3	1.6	1.6	5.5	27.4
379.00		59.0	5.2	64.3	35.7	210	7.4	7.3	5.9	7.4	3.7	2.1	8.9	2.8	2.2	7.4	17.7
378.50	KP 4d	63.1	6.0	69.0	31.0	420	3.4	6.9	5.5	6.8	6.9	2.0	6.9	3.4	1.0	6.9	15.1
378.00		66.4	8.6	75.0	25.0	280	8.1	4.7	6.0	7.1	7.1	2.3	7.1	3.2	1.9	5.2	17.6
377.50	KP4e	48.1	3.8	51.9	48.1	520	5.9	7.4	8.2	4.8	3.0	0	11.0	0.8	3.7	8.1	19.1
377.35		43.0	5.5	48.5	51.5	330	14.4	6.2	3.6	10.0	2.5	1.2	11.2	2.4	3.1	5.0	19.9
376.50		43.8	3.1	46.9	53.1	320	26.6	8.7	6.2	11.9	3.3	1.4	5.3	3.9	3.3	4.0	10.7
376.00		38.7	6.5	45.2	54.8	310	21.4	5.7	2.1	8.5	3.6	0.7	4.3	3.5	2.1	2.8	10.0

TABLE DR6

Percentages of dinoflagellate cysts and green algae in the Paleocene/Eocene boundary section of the Kallo borehole	Gra	TIENEN FORMATION												Mont-Héribu			
	Sd	DB 1		DB2	DB 3		DB 4			DB 5		DB 6		Clay			
	Kallo 403,5	Kallo 402	Kallo 398,5	Kallo 395	Kallo 389,15	Kallo 388,3	Kallo 386,5	Kallo 385,6	Kallo 384	Kallo 381,8	Kallo 380	Kallo 379	Kallo 378	Kallo 377,5	Kallo 377,35	Kallo 376,5	Kallo 376
<i>Alisocysta margarita</i>	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Apectodinium homomorphum</i>	-	A	A	13.1	-	-	R	1.9	5.9	33.7	60.2	38	27.7	43.3	-	-	<1
<i>Apectodinium</i> spp.	-	R	F	70.2	-	-	R	23.4	26.3	4.8	7.8	25	8.0	9.9	-	-	-
<i>Areoligera senonensis</i>	66.2	-	-	-	-	-	-	-	-	3.8	-	-	-	-	-	-	-
<i>Botryococcus</i> spp.	-	-	-	-	-	-	-	17.1	3.4	4.8	19.5	31	-	2.7	-	-	-
<i>Cerodinium wardenense</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	F
<i>Cribooperidinium tenuitubulatum</i>	-	-	-	-	-	-	-	-	-	-	-	-	2.7	-	-	-	-
<i>Cyclopsiella</i> spp.	-	-	-	-	-	-	-	0.9	-	-	-	-	-	-	-	-	-
<i>Deflandrea oebisfeldensis</i>	-	-	-	-	-	-	-	-	-	1.0	-	-	-	-	-	<1	-
<i>Diphyes colligerum</i>	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1
<i>Eocladopyxis peniculata</i>	-	-	-	-	-	-	R	-	-	1.9	-	-	4.5	20.8	-	-	-
foraminiferal testlinings	-	-	-	-	-	-	-	-	-	-	4.7	-	-	-	?	?	?
<i>Glaphyrocysta divaricata</i>	-	-	-	8.8	-	-	-	-	-	1.0	0.8	-	-	-	-	-	-
<i>Glaphyrocysta ordinata</i>	-	-	-	-	-	-	-	-	-	1.0	-	-	-	-	-	-	-
<i>Glaphyrocysta pastielsii</i>	-	-	-	6.1	-	-	-	-	-	1.0	-	-	-	-	-	-	-
<i>Glaphyrocysta ? reticulosa</i>	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
<i>Homotryblium</i> spp.	-	-	-	-	-	-	F	0.6	0.9	9.6	0.8	-	-	-	-	-	-
<i>Hystriochosphaeridium tubiferum</i>	5.3	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4	2
<i>Fibrocysta vectense</i>	-	-	-	-	-	-	-	-	-	-	0.8	-	0.9	-	-	-	-
<i>Lingulodinium machaerophorum</i>	-	-	-	-	-	-	-	-	-	13.5	-	6	-	-	4	2	<1
<i>Melitasphaer. cf. pseudorecurvatum</i>	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	<1
<i>Muratodinium fimbriatum</i>	-	-	-	1.8	-	-	-	-	-	1.9	-	-	57.2	21.6	-	-	-
<i>Nematosphaeropsis</i> spp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	<1	<1
<i>Operculodinium centrocarpum</i>	-	-	R	-	-	-	-	-	-	1.9	-	-	-	-	2	<1	1
<i>Palambages</i> spp.	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Paralecaniella indentata</i>	-	-	-	-	-	-	-	-	40.7	2.9	3.1	-	-	-	-	-	-
<i>Paucisphaeridium inversibuccinum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	2	<1	<1	<1
<i>Pediastrum</i> spp.	-	-	-	-	-	-	R	57.0	17.0	2.9	-	-	-	-	<1	-	-
<i>Pseudomasia trinema</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	<1	<1
<i>Phthanoperidinium crenulatum</i>	1.3	-	-	-	-	-	-	-	0.9	-	-	-	-	-	-	-	-
<i>Polysphaeridium zoharyi</i>	-	-	-	-	-	-	F	-	-	10.6	2.4	-	-	-	-	-	-
<i>Spiniferites</i> spp.	23.8	-	R	-	-	-	R	-	4.2	3.9	-	-	-	0.9	24	40	18
<i>Surculosphaeridium oceaniae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	12	3	9	9
species diversity	9	?	?	5	0	0	7	5	9	17	9	4	5	7	19	50	48
number of specimens counted	149	A	A	114	0	0	13	158	118	104	128	16	112	111	50	500	400

TABLE DR7

Percentages of dinoflagellate cysts and green algae in the Paleocene/Eocene boundary section of the Doel borehole	TIENEN FORMATION									Zoute	Mont-Héribu	
	DB1		DB2	DB3		DB4			Silt	Clay		
	Doel 468.70	Doel 465.05	Doel 462.05	Doel 459.70	Doel 455.75	Doel 450.88	Doel 447.02	Doel 445.60		Doel 445,04	Doel 444,09	sandy
									Doel 443,58			Doel 442.49
<i>Adnatosphaeridium multispinosum</i>	-	-	0.7	-	-	-	-	-	-	-	-	-
<i>Amphorosphaeridium ? multispinosum</i>	x	-	-	-	-	0.6	1.1	0.9	0.5	x	-	x
<i>Apectodinium augustum</i>	24.7	6.4	3.7	-	-	x	-	-	-	-	-	-
<i>Apectodinium homomorphum</i>	38.7	58.7	19.2	-	99.0	2.8	24.0	22.7	28.9	21.3	4.2	x
<i>Apectodinium paniculatum</i>	25.8	-	23.7	-	-	-	-	-	-	-	-	-
<i>Apectodinium parvum</i>	5.7	32.9	30.3	-	-	5.0	1.1	2.8	3.7	6.2	7.8	-
<i>Areoligera senonensis</i>	x	-	-	-	-	3.4	3.9	2.3	2.6	-	-	-
<i>Botryococcus</i> spp.	-	-	-	-	-	-	3.3	1.4	3.9	0.9	-	0.8
<i>Cordosphaeridium fibrospinosum</i>	-	-	-	-	-	0.6	-	-	-	x	-	0.8
<i>Cordosphaeridium gracile</i>	-	-	-	-	-	-	0.6	-	1.4	x	-	x
<i>Cordosphaeridium inodes</i>	x	-	1.5	-	-	2.2	-	-	-	-	1.4	1.6
<i>Cribooperidinium tenuitabulatum</i>	x	-	-	-	-	1.1	5.0	1.9	2.6	-	1.9	-
<i>Cyclopsiella</i> spp.	-	-	-	-	-	-	0.6	-	-	0.5	-	-
<i>Dapsilidinium pastielsii</i>	-	-	-	-	-	-	-	-	-	-	-	0.8
<i>Deflandrea denticulata</i>	-	-	-	-	-	-	1.6	-	-	-	x	-
<i>Deflandrea oebisfeldensis</i>	-	-	-	-	-	-	-	x	x	x	2.8	0.8
<i>Dinopterygium cladoides</i>	-	-	-	-	-	-	-	1.9	x	-	0.5	0.8
<i>Diphyes colligerum</i>	1.4	1.2	x	-	-	-	1.6	x	2.6	2.4	3.8	0.8
foraminiferal testlining	-	-	-	-	-	0.6	-	1.9	0.5	0.9	-	-
<i>Glaphyrocysta divaricata</i>	-	-	x	-	-	1.6	-	x	x	3.8	6.6	x
<i>Glaphyrocysta ordinata</i>	-	-	-	-	-	-	-	-	-	-	3.3	-
<i>Glaphyrocysta pastielsii</i>	-	x	5.2	-	-	2.2	-	x	-	1.4	0.5	x
<i>Glaphyrocysta ? reticulosa</i>	1.5	-	-	-	-	-	-	-	-	-	-	-
<i>Homotryblium</i> spp.	-	-	-	-	-	70.9	24.9	27.8	12.9	-	1.4	-
<i>Hystrichokolpoma granulata</i>	1.4	-	0.7	-	-	-	-	-	1.4	-	-	-
<i>Hystrichosphaeridium tubiferum</i>	x	-	-	-	-	-	0.6	-	x	6.2	6.1	x
<i>Impagidinium</i> spp.	-	-	-	-	-	-	-	-	-	x	0.5	-
<i>Fibrocysta vectense</i>	x	-	-	-	-	-	-	-	-	-	-	-
<i>Lejeunecysta hyalina</i>	0.5	-	-	-	-	-	-	-	0.5	x	0.5	-
<i>Lingulodinium machaerophorum</i>	-	-	-	-	-	0.6	8.8	18.6	13.9	4.3	1.4	x
<i>Melitasphaer. cf pseudorecurvatum</i>	-	-	-	-	-	-	-	-	x	-	0.5	6.2
<i>Muratodinium fimbriatum</i>	1.4	x	12.6	-	-	8.4	-	1.9	3.7	-	0.5	x
<i>Nematosphaeropsis</i> spp.	-	-	-	-	-	-	0.6	-	-	-	0.5	x
<i>Operculodinium centrocarpum</i>	x	-	-	-	-	-	2.2	1.4	1.5	-	1.4	1.6
<i>Palaeocystodinium golzowense</i>	-	x	-	-	-	-	-	-	-	-	-	x
<i>Paralecaniella indentata</i>	-	-	-	-	-	-	1.1	1.9	2.6	-	0.9	-
<i>Pediastrum</i> spp.	x	0.6	2.2	-	1.0	-	1.6	2.3	5.7	25.1	2.8	-
<i>Phthanoperidinium crenulatum</i>	-	-	-	-	-	0.6	0.6	0.9	-	-	-	x
<i>Polysphaeridium zoharyi</i>	-	-	-	-	-	1.7	5.5	6.5	6.7	-	0.9	-
<i>Rottnestia borussica</i>	-	-	-	-	-	-	-	-	-	-	x	x
<i>Spinidinium</i> spp.	-	-	-	-	-	-	-	-	-	-	-	x
<i>Spiniferites</i> spp.	-	-	-	-	-	2.2	6.1	3.7	7.2	26.5	50.0	83.7
<i>Tectatodinium pellitum</i>	-	-	-	-	-	-	-	-	-	-	x	x



<i>Thalassiphora delicata</i>	-	-	-	-	-	-	-	-	-	-	0.5	0.5	x
<i>Thalassiphora pelagica</i>	-	-	-	-	-	-	-	-	-	-	-	-	2.3
<i>Turbiosphaera galatea</i>	-	-	-	-	-	-	-	-	-	-	-	x	-
<i>Wetziella astra</i>	-	-	-	-	-	-	-	-	-	-	-	-	x
species diversity	17	8	13	-	2	14	23	21	24	19	28	8	
number of specimens counted	194	155	135	-	70	179	181	216	194	211	212	129	