

## APPENDIX 2

## Distribution of dinoflagellate cysts in the Leliszka borehole succession



	Lithology	Sample depth [m]																										
		38.6–38.7					calcareous loamy sands					non-calcareous loamy sands																
	Taxon	38.6–38.7	36.6–36.8	35.5–35.7	34.5–34.7	33.1–33.3	32.3–32.4	31.6–31.7	29.4–29.55	28.7–28.8	27.6–27.8	25.5–25.7	22.7–22.9	20.7–20.9	19.1–19.3	18.3–18.5	18.2–18.3	17.1–17.3	15.7–15.9	14.2–14.3	13.2–13.4	12.5–12.65	11.2–11.3	10.3–10.5	8.8–8.95	8.5–8.7	7.1–7.25	5.0–5.2
109.	<i>Dracodinium? condylos</i>																											
110.	<i>Pyxidiella? sp.</i>			1	1			1																				
111.	<i>Pyxidinopsis? sp.</i>					1																						
112.	<i>Cordosphaeridium cantharellus</i>			1			1												1	1	1					8	3	
113.	<i>Achomosphaera alcicornu</i>			1	1	1							1		1	1						1					1	
114.	<i>WetzelIELLA symmetrica</i>						1																					
115.	<i>Hystrichosphaeropsis sp.</i>							1																				
116.	<i>Dracodinium solidum</i>							1																				
117.	<i>Membranophoridium aspinatum</i>								1	1										3	1					1		
118.	<i>Membranilarnacia? sp.</i>								1																			
119.	<i>Epiplosphaera? sp.*</i>									1																		
120.	<i>Distatodinium ?tenerum</i>										1																	
121.	<i>Hemiplacophora semilunifera</i>											2																
122.	<i>Distatodinium ellipticum</i>											2															1	
123.	<i>Occisucysta sp*</i>											1																
124.	<i>Diphyes cf. ficusoides</i>											1																
125.	<i>Cannosphaeropsis? sp.</i>											1				1				1	1							
126.	<i>Charlesdowniea clathrata</i>											1	4	1	1	3	1			1	2	2	1	1		1	4	
127.	<i>Pareodinia sp.*</i>											1																
128.	<i>Cleistosphaeridium cf. placacanthum</i>											1																
129.	<i>Apteodinium sp.</i>												1															
130.	<i>Wilsonidinium echinosuturatum</i>												1															
131.	<i>Lejeuneacysta sp.</i>												1															
132.	<i>Spinidinium sp.</i>												1															
133.	<i>Muderongia perforata*</i>													1														
134.	<i>Odontochitina operculata*</i>													1														
135.	<i>Ctenidodinium continuum*</i>														1													
136.	<i>Cordosphaeridium funiculatum</i>																1	1	1									
137.	<i>WetzelIELLA simplex</i>																2	2										
138.	<i>Selenopemphix armata</i>															1												
139.	<i>Sentusidinium sp.*</i>																		1									
140.	<i>Selenopemphix sp.</i>																			1								
141.	<i>Homotryblium floripes</i>																			1	1			32	31	4		
142.	<i>Gonyaulacysta sp.*</i>																			1								
143.	<i>Rhombodinium perforatum</i>																								1	2	1	

H-C&VS – Heilmann-Clausen and Simaeys (2005); \* – recycled pre-Eocene taxa