APPENDIX 1

Distribution of acritarch taxa recognized in particular sample

TAXON	*Leiosphaeridia* sp.	?*Leiosphaeridia* sp.	*Aliumiella baltica*	*Asteridium lanatum*	*Asteridium tornatum*	*Asteridium* sp.	*Comasphaeridium agglutinatum*	*Comasphaeridium brachyspinosum*	*Comasphaeridium mollicullum*	*Comasphaeridium strigosum*	*Comasphaeridium velvetum*	*Comasphaeridium* sp.	? *Comasphaeridium* sp.	*Cymatiosphaera* sp.	? *Dictyotidium* sp.	*Fimbriaglomerella membranacea*	*Fimbriaglomerella* cf. *minuta*	? *Fimbriaglomerella* sp.	*Globosphaeridium cerinum*	? *Globosphaeridium* sp.	*Globus gossipinus*	*Globus* sp.	*Granomarginata prima*	*Granomarginata squamacea*	*Granomarginata* sp.	*Heliosphaeridium* cf. *dissimilare*	*Heliosphaeridium longum*	*Heliosphaeridium* sp.	? *Heliosphaeridium* sp.	*Ichnosphaera* cf. *delicata*	*Ichnosphaera* sp.	?*Ichnosphaera* sp.	*Lechistania magna*	*Leiomarginata simplex*	*Leiovalia* sp.	? *Liepaina* sp.	*Lophosphaeridium dubium*	*Lophosphaeridium tentativum*	*Lophosphaeridium truncatum*	*Lophosphaeridium* sp.	*Pterospermella inordinata*	*Pterospermella solida*	*Pterospermella velata*	*Pterospermella vitalis*	*Pterospermella* sp.	*Pterospermopsimorpha* sp.	? *Pterospermopsimorpha* sp.	*Pulvinosphaeridium antiquum*	*Pulvinosphaeridium* sp.	? *Pulvinosphaeridium* sp.	*Synsphaeridium* sp.	*Tasmanites* sp.	*Variosphaeridium sanctacrucensis*	Gen. nov. A	Gen. nov. B	Cyanophyta
ZBRZA PIG-1																																																											
109.0 (6358)	X																																								X																	
115.0 (6360A)	X								X		X	X	X							**X**																				X																
124.0 (6362)	X											X									**X**	X		X																					X											**X**
128.0 (6363)								x				X												**X**																X			**X**		X										
133.0 (6364)	X																																																							
ZBRZA PIG-2																																																								
20.2 (6327, 6627)	X				**cf**		**X**					X													X													X		X					X		X	**X**	**X**				**X**	**X**		
28.5 (6327,6329)	X																																																							
51.2 (6628)	**X**										X						**X**					X	X	X										**X**					X		**X**		**X**	X			**X**	X		X					X
57.0 (6629)	X						**X**				**X**	X									**X**		**X**											**X**					X					X								**X**			**X**
63.0 (6630, 6330)	X					X		x	**X**	X								**X**				X	X	X	X												**X**		X			**X**		X	X	X	**X**					**X**			**X**
69.0 (6631, 6631A, 6331)	**X**					X					X	X			**X**								**X**	X	X							**X**	**X**		**X**					X	**cf**				X											
83.0 (6633)	X											X																							X																					
ZBRZA PIG-3																																																								
86.4 (6292)	X											X																																												
99.0 (6295, 6695)	X									X		X	X			**X**				**X**				**X**													**cf**		X	X					X										
112.0 (6297)	X																																							X																
STRASZNIÓW PIG 1																																																								
36.0 (6597)	X			**cf**		X						X								X			X	X		**X**				**X**		**X**		**X**					X	X						**X**	X		**X**	X	X				
65.0 (6602)	X																																																							
KOTUSZÓW A																																																								
(4992, 4992n)	X				**X**				X	cf	**X**	X				**X**		X					X	X								**X**			**X**	cf	X	X	X				X	**X**				**X**		X					
KOTUSZÓW B																																																								
(4989, 4889n)	X	**X**	**X**	**X**									X	**X**		**X**			**X**				X				**X**											X	X													**X**		**X**	**X**	X
KOTUSZÓW C																																																								
(4990, 4990n)	X					X			**X**					**X**		**X**											**X**	**X**	**X**		**X**	**X**					**X**		**X**		cf	X		X							X					X

Occurrences marked in bold refer to taxa illustrated in Figures 3, 4, 6 and 7