

	calcmicrobial boundstone with archaeocyaths	calcmicrobe- archaeocyath boundstone	archaeocyath cementstone	archaeocyath floatstone
Tumuliolythidae	1			1
Dokidocyathidae	5		1	7
Kaltatocyathidae		1		
Kymbecyathidae				1
Ajacicyathidae	21	8	24	8
Densocyathidae	13	10	9	
Bronchocyathidae				9
Ethmocyathidae	2			2
Erbocyathidae	3			1
Shackletonocyathidae	6	3	1	
Fallocyathidae	2			
Asterocyathidae	3		2	
Rudanulidae	2			
Coscinoptyctidae	1		1	
Putapacyathidae	1			
Loculicyathidae	7	2	1	2
Dictyocyathidae				3
Archaeopharetridae	5	4		2
Archaeocyathidae	1			
Copleicyathidae				1
Archaeocyathina indet.	5	6		1
specimens	78	34	39	38
families	15	6	7	11

Appendix 1. Distribution of specimens of archaeocyaths (families and suborder) in different limestone microfacies of the Shackleton Range limestone clasts.