Open File Table 3. Radiolarian species fluxes (No. shells m^{-2} d^{-1}) at Shallow and Deep sediment traps deployed at Sites MT1, MT2, MT3, and MT5 during January-December 1999 in the western and central equatorial Pacific.

Nassellaria (Site MT1 Shallow trap	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Acanthocorys cf. *variabilis*	205	576	819	827	956	544	137	273	444	1536	512	239	307	288	546	192	307	68	956	120	205	51
Acanthodesmia vinculata	0	32	137	118	273	64	0	102	137	256	137	68	171	160	171	128	205	68	239	24	34	26
Acrobotrys chelinobotrys	0	32	137	118	0	64	34	0	239	0	34	34	0	0	102	32	34	0	239	8	0	26
Acrobotrys teralans	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	34	0
Acrobotrys tessarolobon	0	0	0	0	137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Androspyris ramosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Androspyris huxleyi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anthocrytidium ophirense	0	0	0	39	0	32	0	0	0	128	0	0	0	32	0	32	68	0	34	0	0	0
Anthocrytidium zanguebaricum	0	0	137	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0
Arachnocalpis ovatiretalis	0	0	0	0	137	0	0	0	0	0	0	0	0	0	34	32	0	0	0	0	0	0
Artobotrys borealis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Artostrobus annulatus	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0
Botryocyrtis elongatum	0	0	137	158	137	96	34	68	0	128	68	0	34	32	0	32	34	34	34	8	0	0
Botryocyrtis scutum	68	96	137	79	273	96	68	34	102	384	137	0	34	96	0	32	171	102	273	48	34	26
Botryocyrtis sp. A	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	8	0	0
Botryostrobus aquilonaris	0	32	0	39	137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callimitra annae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0
Callimitra emmae	0	0	273	0	0	0	34	0	0	0	68	0	0	0	68	0	34	0	0	8	0	0
Callimitra solocicribrata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callimitra sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cantharospyris platybursa	0	0	137	39	273	96	0	0	0	0	34	34	34	0	0	0	34	0	102	8	34	0
Carpocanarium papillosum	0	32	0	0	0	0	0	0	0	0	34	0	0	0	34	0	0	0	0	0	0	0
Carpocanistrum flosculum	0	0	0	79	137	0	0	0	0	0	0	0	0	0	0	32	34	0	34	0	0	0
Carpocanarium sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centrobotrys thermophila	0	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	34	0	0	0	0
Cladoscenium ancoratum	34	96	137	79	546	288	34	239	0	0	137	0	102	32	68	32	0	68	171	24	0	0
Clathrocanium coarctatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clathrocorys giltschii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0
Clathrocorys murrayi	137	416	956	394	683	960	273	239	307	640	171	102	68	256	137	256	137	273	580	48	137	26
Clathrocyclas cassiopejae	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0
Clathrocyclas monumentum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clathrocyclas sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conarachnium facetum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	34	0	0	0	0
Conarachnium parabolicum	0	0	0	0	0	32	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0
Conarachnium polyacanthum	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0
Corocalyptra cervus	0	0	0	0	137	0	0	34	0	256	0	0	0	0	0	0	34	0	34	8	0	0
Cornutella profunda	0	32	0	39	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0
Cycladophora bicornis	34	64	137	0	0	0	0	34	0	0	34	0	0	0	0	0	0	0	68	0	0	0
Cycladophora davisiana cornutoide.	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyrtopera languncula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	8	0	0
Cytopera aglaolampa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cephalospyris cancellata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyocodon elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyocodon palladius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyocodon sp.	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyophimus butschlii	0	0	137	0	137	32	0	0	0	128	68	0	0	0	0	128	0	0	34	16	0	0
Dictyophimus crisiae	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0
Dictyophimus hirundo group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyophimus infabricatus	0	64	137	158	273	96	0	68	34	0	102	34	68	64	102	64	34	34	102	32	0	26
Dictyophimus macropterus	0	0	0	39	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0
Dictyophimus sp. B	0	64	137	39	137	64	0	0	0	0	34	68	34	128	137	64	0	34	0	0	0	0
Dictyospyris sp. group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucecryphalus europae	0	32	0	39	0	0	0	0	0	0	0	0	0	0	0	32	34	0	0	0	0	0
Eucecryphalus gegenbauri	0	96	273	354	546	256	34	34	68	384	171	34	68	64	68	96	68	102	68	32	34	26
Eucecryphalus sestrodiscus	0	64	0	118	546	128	171	102	34	384	68	34	34	32	102	64	68	171	171	8	34	51
Eucecryphalus tricostatus	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucrytidium anomalum	0	64	0	0	0	0	0	0	0	128	0	34	0	0	34	0	0	0	0	0	0	0
Eucyrtidium acuminatum	0	32	0	0	0	0	0	34	0	128	34	0	34	0	34	32	68	34	0	0	0	0
Eucyrtidium hexagonatum	0	0	0	0	0	32	0	0	0	0	0	34	0	32	34	0	0	34	102	8	0	0
Eucyrtidium hexastichum	0	0	137	39	0	64	0	0	0	0	68	0	0	32	0	0	0	0	102	0	0	0
Eucyrtidium spp. A group	0	32	0	0	0	0	0	0	0	128	0	0	0	0	34	0	0	0	0	0	0	0
Eucecryphalus clinatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lamprocyclas m. maritalis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lamprocyrtis nigriniae	0	64	0	0	0	64	0	0	0	0	0	0	34	0	34	0	0	0	0	0	0	0
Lampromitra cachoni	34	0	273	158	273	192	34	205	205	256	102	0	102	32	0	128	68	68	102	16	0	0
Lampromitra cracenta	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	8	0	0
Lampromitra schultzei	0	32	137	0	137	32	0	34	0	0	0	0	0	0	0	0	0	0	0	8	0	0
Lampromitra sp. A	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra sp. B	0	0	0	0	0	96	34	0	0	0	34	0	0	32	0	0	0	0	0	0	0	0
Lampromitra sp. C	0	0	0	0	137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra spinosiretis	0	32	0	79	0	64	68	102	102	256	34	102	68	64	307	32	102	0	137	0	34	0
Lipmanella dictyoceras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lipmanella virchowii	0	0	0	39	0	0	0	0	0	0	0	0	34	0	34	0	34	34	102	8	0	0
Liriospyris reticulata	0	96	0	0	0	32	0	0	0	256	34	0	34	32	0	32	34	0	0	16	34	26
Liriospyris thorax	0	0	0	0	0	32	0	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0
Litharachnium eupilium	0	0	0	0	0	0	0	0	0	128	0	0	0	0	0	0	0	0	0	0	0	0
Litharachnium tentorium	0	128	0	39	273	32	68	0	68	128	0	0	0	0	68	32	0	34	68	0	34	0
Lithomelissa setosa	34	128	0	118	546	32	34	137	102	256	68	0	0	0	34	32	0	34	68	8	0	0
Lithomelissa sp. B	68	128	137	118	410	96	0	68	34	0	102	0	34	0	34	0	0	0	137	16	0	0
Lithopera bacca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lithostrobus hexagonalis	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	68	0	0	0	0	0
Lophophaena cf. *capito*	34	32	546	158	137	288	68	68	375	256	171	102	137	96	375	64	102	68	205	32	68	0
Lophophaena cylindrica	102	288	1229	1339	1502	1280	239	683	887	1408	512	102	171	288	887	288	171	205	1297	192	137	51

Open File Table 3. (cont.)

Lophophaena decacantha group	0	0	0	79	0	0	0	0	0	0	0	0	0	0	34	0	0	0	34	0	0	0
Lophophaena sp.	34	192	410	591	0	160	102	205	137	768	375	102	137	192	205	64	68	171	614	64	102	26
Lophophaena sp. B group	34	192	683	433	819	544	171	137	239	128	68	0	102	64	307	128	68	137	205	8	0	26
L_phophaena sp. C	0	160	137	39	0	0	0	34	68	384	34	0	34	0	0	32	0	0	137	0	34	0
Lophospyris juvenile form group	0	192	1229	354	683	160	68	68	171	1280	307	102	34	128	205	64	171	34	410	56	68	0
Lophospyris p. hyperborea	34	32	819	315	546	96	34	239	68	512	102	102	68	96	239	128	239	171	205	32	137	26
Lophospyris p. pentagona	0	96	410	39	410	224	34	0	34	128	137	68	137	64	137	32	205	102	171	40	34	0
Lophospyris p. quadriforis	68	32	0	39	0	64	0	0	0	0	0	0	34	0	0	0	34	34	68	8	0	51
Neobotrys quadrituberosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neosemantis distephanus	68	288	683	394	546	384	34	512	273	128	102	34	68	224	273	160	68	102	614	64	137	0
Nephrospyris renilla renilla	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peridium spinipes	137	480	819	1378	1638	832	273	717	853	1664	717	137	205	256	580	160	137	137	887	80	205	51
Peridium sp. A	34	160	546	118	0	96	68	102	34	256	68	68	68	64	137	96	0	34	137	24	34	0
Peripyramis circumtexta	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0
Peromellissa phalaera	0	224	683	670	410	224	34	102	273	640	410	68	239	224	205	128	307	102	444	136	137	102
Phormacantha hystrix	0	512	683	1182	1365	832	171	341	341	512	444	137	205	160	171	64	137	102	512	80	34	26
Phormospyris stabilis capoi	0	64	0	39	410	96	0	0	34	256	34	34	68	64	102	0	0	0	34	0	68	0
Phormospyris stabilis scaphipes	0	0	137	0	0	32	0	34	0	256	0	0	34	0	0	0	0	0	0	8	0	0
Phormospyris stabilis stabilis	0	0	0	39	137	32	0	34	0	0	0	0	0	0	34	0	0	34	0	0	0	0
Phormostichoartus corbula	34	0	0	79	0	0	0	0	0	0	0	34	34	0	0	0	0	0	0	8	0	0
Plectacantha sp.	0	96	273	39	410	128	0	102	34	128	0	0	34	128	34	0	137	0	68	0	0	26
Pseudocubus obeliscus	68	32	137	118	273	128	0	102	171	512	239	0	68	64	137	64	68	34	239	0	34	0
Pseudodictyophimus gracilipes	34	320	1092	827	683	1024	102	273	478	1536	512	34	375	384	546	448	341	205	444	72	34	26
Pterocanium grandiporus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pterocanium p. praetextum	0	64	273	0	137	64	0	0	137	0	0	0	68	32	34	32	68	34	102	16	0	102
Pterocanium p. eucolpum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pterocanium trilobum	0	0	137	0	0	0	34	0	68	0	102	0	34	0	34	0	34	0	102	40	0	26
Pterocanium sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pterocorys campanula	0	64	410	118	683	224	0	102	102	896	137	0	171	256	205	160	239	34	102	24	68	0
Pterocorys zancleus	34	0	137	118	137	256	0	102	68	128	307	34	102	128	273	128	137	273	410	104	137	51
Verticillata hexacantha	0	32	410	0	0	32	0	0	0	128	0	0	0	0	0	0	0	0	102	0	0	0
Saccospyris preantarctica	0	64	137	118	0	32	0	0	34	0	68	0	0	0	0	0	0	0	0	0	0	0
Semantis gracilis	171	96	0	79	137	128	34	171	137	0	34	34	34	0	68	0	34	0	68	8	34	0
Sithocampe arachnea	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spirocyrtis scalaris	0	96	137	236	410	160	0	137	68	128	68	0	34	64	171	96	102	239	137	56	34	26
Spirocyrtis sp.	0	0	0	0	137	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0
Spirocyrtis subscalaris	0	64	0	158	273	64	0	68	34	640	0	0	68	0	34	32	34	0	102	0	34	0
Stichopilidium kruegeri	0	32	273	158	273	0	0	68	34	512	0	0	34	0	102	0	34	0	68	0	0	0
Stichopilium bicorne	34	0	0	39	0	0	0	0	0	128	0	0	68	0	0	0	0	68	68	8	0	0
Tetraphormis dodecaster	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0
Tetraphormis rotula	0	32	0	118	273	32	34	34	0	0	0	0	68	32	0	64	0	34	68	0	34	0
Tetraplecta pinigera	34	128	0	118	819	64	102	102	68	0	34	0	34	32	137	224	0	0	34	40	0	0
Theocorys veneris	0	64	0	0	273	32	0	0	0	128	34	0	34	32	34	0	68	0	102	8	0	0
Theocorythium trachelium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0
Theophormis callipilium	0	0	0	0	137	32	34	0	0	0	0	0	0	0	0	32	34	0	0	0	0	0
Tholospyris baconiana	0	0	0	39	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0
Tholospyris sp. group	34	0	137	0	0	0	34	0	0	0	34	0	0	64	137	0	0	0	34	8	0	0
Triacartus undulatum	0	0	0	0	0	64	0	0	0	0	0	0	0	32	34	64	34	0	0	0	0	0
Zygocircus productus	171	288	819	433	137	480	239	205	205	768	205	68	307	256	205	160	171	171	444	72	68	51
Zygocircus sp. *piscicaudatus*	68	96	0	118	273	160	102	0	34	128	68	0	34	32	102	0	205	68	102	0	0	0
Other Nassellaria	614	928	1775	2087	4233	928	307	1092	1468	2816	819	171	922	384	990	800	819	614	1741	320	375	102

Spumellaria (Site MT1 Shallow trap	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Acanthosphaera actinota	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0
Acanthosphaera tenuissima	0	0	273	79	0	64	0	0	0	0	0	0	34	0	0	32	0	0	137	0	34	0
Acanthosphaera castanea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acanthosphaera tunis	0	0	410	79	137	0	0	0	0	0	0	0	34	0	68	0	34	0	68	24	34	0
Acrosphaera cyrtodon	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0
Acrosphaera spinosa	0	0	0	0	0	0	0	0	34	0	0	0	0	0	34	0	0	0	0	0	0	0
Actinomma arcadophorum	0	0	137	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0
Actinomma medianum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Actinomma sp.	0	0	0	0	0	32	0	34	0	0	0	0	0	0	0	0	34	0	0	0	0	0
Actinosphaera capillacea	0	0	0	0	0	0	0	0	0	0	34	0	34	0	0	0	0	0	0	0	0	0
Actinosphaera tenella	0	0	0	0	137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amphirhopalum ypsilon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arachnosphaera myriacantha	0	32	0	39	137	32	0	0	205	128	0	0	0	32	34	0	0	0	102	8	34	0
Astrosphaera hexagonalis	0	0	137	0	0	0	0	0	0	0	0	0	0	0	102	0	0	0	34	0	0	0
Axoprunum stauraxonium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carposphaera sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0
Centrocubus octostylus	0	32	137	0	273	0	0	34	34	0	0	0	0	0	0	64	0	0	0	16	0	0
Centrolonche hexalonche	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0
Circodiscus microporus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Circodiscus spp. group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladococcus abietinus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladococcus cervicornis	0	32	410	39	410	0	0	0	0	0	0	0	0	32	102	0	34	34	34	0	0	0
Cladococcus scoparius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0
Cladococcus sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladococcus viminalis	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Collosphaera huxleyi	0	0	0	0	0	32	0	0	0	0	0	34	0	0	34	0	0	0	0	0	0	0
Collosphaera macropora	0	0	137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Collosphaera tuberosa	0	0	0	0	0	0	0	0	0	0	0	0	68	32	34	0	68	34	34	0	0	0
Cromyechinus borealis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cromyomma villosum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyocoryne juvenile group	0	0	0	0	137	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0

Open File Table 3. (cont.)

Dictyocoryne profunda	34	32	137	39	137	128	34	68	0	384	137	0	102	32	34	32	102	0	0	16	34	0
Dictyocoryne truncatum	34	0	0	39	0	32	0	0	0	128	0	0	0	0	0	0	34	34	34	0	0	0
Didymocyrtis t. tetrathalamus	34	224	683	118	273	128	34	102	205	384	137	0	34	32	205	64	102	137	68	24	34	0
Disolenia collina	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0
Disolenia quadrata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Disolenia sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Disolenia zanguebarica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dorydruppa bensoni	0	32	0	197	0	32	0	0	0	0	34	0	0	64	34	0	0	34	102	0	0	0
Druppatractus ostracion group	0	0	0	0	0	0	0	0	0	128	0	0	0	0	0	0	0	0	0	0	0	0
Elatomma penicillus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euchitonia cf. *furcata*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euchitonia elegans	34	128	273	0	0	64	34	0	0	0	68	0	102	0	68	0	0	0	68	0	0	0
Euchitonia sp.	0	0	0	0	0	0	0	0	0	0	0	68	68	0	0	0	0	34	34	8	0	0
Ellipsoxiphium palliatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haeckeliella macrodoras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0
Haliomma castanea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haliomma sp. B	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heliodiscus asteriscus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	34	0	0	0
Heliodiscus echiniscus	0	0	137	0	0	0	0	0	0	128	0	0	34	0	34	0	34	0	0	0	0	0
Hexacontium axotrias	34	0	0	0	0	32	0	34	34	128	0	0	68	64	34	32	0	102	0	0	0	0
Hexacontium hostile	0	32	137	0	137	64	0	68	0	256	0	0	34	32	34	64	68	68	68	24	0	0
Hexacontium sp.	34	0	273	118	0	96	0	0	68	128	68	0	0	128	137	0	34	0	68	8	0	0
Hexacromyum elegans	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	68	0	0	0
Hexalonche amphisiphon	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	34	0	0	0	0	0
Hexalonche sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexalonche sp. C	34	32	0	118	0	256	0	34	102	0	137	0	0	96	205	32	0	34	102	8	34	0
Hexalonche sp. B	34	320	410	276	546	128	68	68	68	0	102	34	102	0	137	0	205	0	137	40	0	0
Hexapyle sp.	34	64	0	118	0	64	0	0	137	128	68	0	102	32	34	96	137	68	34	8	34	0
Hexastylus triaxonius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexastylus sp.	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	34	0	0	0
Hexatromyum elegans	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0	0	68	0	0	0	0
Heterosphaera sp. B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Larcopyle butschlii	0	0	137	158	0	224	0	68	68	0	102	0	0	32	34	32	0	0	0	8	0	0
Larcopyle sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Larcospira minor	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Larcospira quqdrangula	0	0	273	0	137	0	0	34	0	0	34	0	34	0	34	0	0	0	0	8	0	0
Lithelius minor	0	0	0	39	137	0	0	68	0	0	102	0	0	32	34	32	34	0	68	0	0	0
Lithelius nautiloides	34	192	137	39	0	32	0	34	68	256	34	34	34	0	137	0	137	0	34	8	34	0
Larnacalpis sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Octopyle stenozona	34	64	0	39	273	64	0	68	0	0	171	0	68	96	341	64	137	68	205	24	0	26
Otosphaera auriculatr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Otosphaera polynorpha	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Otosphaera tenuissima	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plegmosphaera entodictyon	0	32	0	0	137	0	0	0	0	0	0	0	34	0	0	32	0	0	0	0	0	0
Porodiscus micromma	0	0	0	0	137	0	34	0	0	128	34	0	0	0	0	0	0	34	0	8	0	0
Porodiscus sp.	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pylospira octopyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhizoplegma boreale	34	32	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Siphonosphaera magnisphaera	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Siphonosphaera martensi	0	0	0	39	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0
Siphonosphaera socialis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	32	0	0	0	0	0	0
Spongaster pentas	0	0	0	0	137	0	34	0	0	0	0	0	0	0	34	64	0	0	0	0	0	0
Spongaster tetras tetras	0	0	0	39	273	32	0	68	0	0	68	34	34	0	68	0	34	102	34	0	34	0
Spongodiscus bicoricarus	0	32	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	8	34	0
Spongodiscus sp. A	0	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0
Spongodiscus spp. B group	34	96	273	315	546	192	34	34	171	256	307	68	102	32	137	0	68	34	102	8	68	0
Spongopyle osculosa	0	0	0	0	137	32	0	34	34	128	34	0	34	0	0	0	0	0	0	0	0	0
Spongosphaera polycantha	0	0	0	0	137	0	0	0	0	0	34	0	34	0	0	0	0	0	68	0	0	0
Spongosphaera streptacantha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongotrochus glacialis	0	0	137	79	0	96	0	0	68	0	205	68	34	32	137	32	102	34	34	24	0	0
Spongotrochus sp. A	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongosphera sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongurus cylindricus	0	0	0	0	137	0	0	0	34	0	34	0	0	0	0	0	34	0	0	0	0	0
Spongurus sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staurodictyo cruciata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stylochlamydium venustum	0	64	0	0	273	192	102	34	34	128	34	0	0	96	102	32	34	34	0	24	0	0
Stylodictya aculeata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stylodictya multispina	0	0	137	0	0	32	0	68	0	128	34	68	34	0	0	64	34	0	68	0	34	0
Stylodictya sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	102	16	0	0
Stylodictya sp. A	0	0	0	79	0	64	34	0	0	128	102	0	102	0	34	0	0	34	0	16	0	0
Stylodictya validispina	0	0	0	39	0	0	0	0	34	0	34	0	0	0	34	0	0	0	0	0	0	0
Stylosphaera melpomene	0	32	0	0	0	0	0	34	68	0	0	0	0	96	34	0	0	34	0	8	0	0
Styptosphaera sp. A	0	64	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	34	16	0	0
Styptosphaera spongiacea	0	0	273	79	0	32	34	0	34	0	137	0	0	64	102	32	34	34	68	0	68	26
Saturnalis circularis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tetrapyle octacantha	34	224	2321	433	1092	672	137	307	375	768	512	205	341	480	1263	416	546	410	956	200	137	26
Thecosphaera inermis	0	0	0	0	273	32	0	0	0	0	68	0	0	0	34	0	0	0	0	0	0	0
Tholospira cervicornis group	137	352	1092	551	683	160	171	478	273	1024	614	171	341	320	375	352	375	171	307	168	205	77
Tholospira group	34	128	683	197	273	64	68	34	34	384	307	68	205	224	307	160	137	239	171	16	68	0
Xiphosphaera gaea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xiphosphaera tesseractis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0
Xiphatractus pluto	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xiphatractus sp. B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Spumellaria	341	544	3140	512	819	1024	307	751	785	1024	512	137	512	480	375	544	512	478	751	152	102	102

Open File Table 3. (cont.)

Phaeodaria (Site MT1 Shallow trap)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Borgertella caudata	0	160	273	473	0	160	68	0	68	384	0	0	0	0	68	32	0	0	102	0	0	0
Castanella macropora	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Challengeron willemoesii	0	0	0	0	0	0	0	0	0	0	0	0	68	0	34	32	0	0	0	8	0	0
Castanella sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanella aculeata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanidium longispinum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conchellium capsula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Challengerosium aricularia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Challengeron tizardi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euphysetta elegans	0	0	0	0	0	64	0	0	0	0	0	0	273	0	0	0	0	0	0	0	0	0
Euphysetta staurocodon	0	0	0	0	0	0	0	0	0	256	0	0	0	0	0	0	0	0	0	0	0	0
Lirella melo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medustta ansata	0	0	0	0	0	0	0	0	0	128	0	0	0	0	0	0	0	0	0	0	0	0
Protocystis honjoi	0	0	0	0	0	0	0	0	0	0	0	0	68	0	0	0	0	0	0	0	0	0
Protocystis sloggetti	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porospathis holostoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protocystis auriculata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Phaeodaria	0	0	0	0	0	0	34	0	0	128	0	0	0	0	34	0	0	0	34	0	0	0
Total Radiolaria	3550	11168	32222	20007	33451	17376	4608	10377	11981	30208	12868	3379	8875	7968	14643	7648	9250	6929	19012	3032	3755	1306

Open File Table 3. (cont.)

Nassellaria (Site MT2 Shallow trap)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Acanthocorys cf. *variabilis*	276	192	478	394	205	32	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
Acanthodesmia vinculata	118	224	307	197	102	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0
Acrobotrys chelinobotrys	0	0	68	158	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acrobotrys teralans	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acrobotrys tessarolobon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Androspyris ramosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Androspyris huxleyi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anthocrytidium ophirense	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anthocrytidium zanguebaricum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arachnocalpis ovatiretalis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Artobotrys borealis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Artostrobus annulatus	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Botryocyrtis elongatum	39	0	0	79	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Botryocyrtis scutum	0	96	68	118	102	8	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
Botryocyrtis sp. A	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Botryostrobus aquilonaris	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callimitra annae	79	32	0	39	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callimitra emmae	39	32	34	158	68	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callimitra solocicribrata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callimitra sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cantharospyris platybursa	0	32	68	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carpocanarium papillosum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carpocanistrum flosculum	0	0	0	0	34	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carpocanarium sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centrobotrys thermophila	39	0	34	0	34	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladoscenium ancoratum	39	64	102	118	171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clathrocanium coarctatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clathrocorys giltschii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clathrocorys murrayi	79	320	171	276	239	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clathrocyclas cassiopejae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clathrocyclas monumentum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clathrocyclas sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conarachnium facetum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conarachnium parabolicum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conarachnium polyacanthum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corocalyptra cervus	0	0	0	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
Cornutella profunda	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cycladophora bicornis	0	0	34	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cycladophora davisiana cornutoides	0	0	34	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0
Cyrtopera languncula	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cytopera aglaolampa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cephalospyris cancellata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyocodon elegans	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyocodon palladius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyocodon sp.	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyophimus butschlii	0	0	0	0	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyophimus crisiae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyophimus hirundo group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyophimus infabricatus	39	32	137	158	68	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyophimus macropterus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyophimus sp. B	0	32	34	39	68	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
Dictyospyris sp. group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucecryphalus europae	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucecryphalus gegenbauri	0	96	0	0	102	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0
Eucecryphalus sestrodiscus	158	64	34	79	137	16	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
Eucecryphalus tricostatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucrytidium anomalum	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucyrtidium acuminatum	0	0	34	39	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucyrtidium hexagonatum	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucyrtidium hexastichum	39	0	0	0	68	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucyrtidium spp. A group	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucecryphalus clinatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lamprocyclas m. maritalis	0	0	0	0	34	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lamprocyrtis nigriniae	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra cachoni	0	96	34	39	34	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra cracenta	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra schultzei	0	0	34	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra sp. B	39	32	34	39	102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra sp. C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra spinosiretis	118	64	68	79	102	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
Lipmanella dictyoceras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lipmanella virchowii	39	0	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liriospyris reticulata	0	0	0	79	68	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liriospyris thorax	39	32	0	118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Litharachnium eupilium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Litharachnium tentorium	0	32	0	79	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lithomelissa setosa	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lithomelissa sp. B	39	32	34	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lithopera bacca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lithostrobus hexagonalis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lophophaena cf. *capito*	39	0	68	197	205	8	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lophophaena cylindrica	158	64	478	276	307	24	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0

Open File Table 3. (cont.)

Lophophaena decacantha group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lophophaena sp.	79	96	102	118	410	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lophophaena sp. B group	79	192	273	118	478	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L_phophaena sp. C	79	0	0	39	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lophospyris juvenile form group	276	320	205	354	307	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lophospyris p. hyperborea	39	160	239	158	239	0	0	0	0	0	9	0	9	0	0	0	0	0	17	0	0	0
Lophospyris p. pentagona	79	128	102	39	68	24	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
Lophospyris p. quadriforis	39	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neobotrys quadrituberosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neosemantis distephanus	158	160	137	158	478	24	9	0	0	0	0	0	9	0	0	0	0	0	0	0	17	0
Nephrospyris renilla renilla	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peridium spinipes	473	128	683	236	341	32	9	0	0	0	0	0	9	0	0	0	0	0	17	0	0	0
Peridium sp. A	0	96	0	39	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peripyramis circumtexta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peromellissa phalaera	315	64	205	197	273	8	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0
Phormacantha hystrix	276	128	273	276	341	24	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
Phormospyris stabilis capoi	158	0	0	0	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phormospyris stabilis scaphipes	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phormospyris stabilis stabilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phormostichoartus corbula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plectacantha sp.	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudocubus obeliscus	39	0	34	39	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudodictyophimus gracilipes	315	352	239	197	341	40	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0
Pterocanium grandiporus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pterocanium p. praetextum	79	32	102	39	102	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pterocanium p. eucolpum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pterocanium trilobum	39	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pterocanium sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pterocorys campanula	158	160	239	236	239	16	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0
Pterocorys zancleus	158	32	239	197	137	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Verticillata hexacantha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saccospyris preantarctica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Semantis gracilis	39	0	0	0	68	8	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0
Sithocampe arachnea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spirocyrtis scalaris	79	128	102	394	102	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spirocyrtis sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spirocyrtis subscalaris	158	32	34	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stichopilidium kruegeri	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stichopilium bicorne	79	0	137	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tetraphormis dodecaster	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tetraphormis rotula	0	32	68	0	137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tetraplecta pinigera	0	128	34	39	205	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Theocorys veneris	0	32	102	79	102	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Theocorythium trachelium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Theophormis callipilium	0	32	68	39	34	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tholospyris baconiana	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tholospyris sp. group	39	32	0	79	0	8	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0
Triacartus undulatum	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zygocircus productus	276	96	307	670	239	56	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0
Zygocircus sp. *piscicaudatus*	39	0	34	0	0	24	0	0	0	0	0	0	9	0	9	0	0	0	0	0	0	0
Other Nassellaria	827	736	546	630	717	64	17	0	0	0	0	0	0	0	0	0	0	0	17	0	9	0

Spumellaria (Site MT2 Shallow trap	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Acanthosphaera actinota	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acanthosphaera tenuissima	79	32	34	0	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acanthosphaera castanea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acanthosphaera tunis	79	288	137	709	478	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acrosphaera cyrtodon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acrosphaera spinosa	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Actinomma arcadophorum	0	0	34	158	34	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0
Actinomma medianum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Actinomma sp.	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Actinosphaera capillacea	39	0	34	79	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Actinosphaera tenella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amphirhopalum ypsilon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arachnosphaera myriacantha	0	0	0	0	34	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Astrosphaera hexagonalis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Axoprunum stauraxonium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carposphaera sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centrocubus octostylus	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centrolonche hexalonche	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Circodiscus microporus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Circodiscus spp. group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladococcus abietinus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladococcus cervicornis	0	32	34	39	34	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladococcus scoparius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladococcus sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladococcus viminalis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Collosphaera huxleyi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Collosphaera macropora	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Collosphaera tuberosa	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cromyechinus borealis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cromyomma villosum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyocoryne juvenile group	79	0	34	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Open File Table 3. (cont.)

Dictyocoryne profunda	0	64	102	79	137	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0
Dictyocoryne truncatum	0	0	68	39	34	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0
Didymocyrtis t. tetrathalamus	79	288	375	315	614	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Disolenia collina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Disolenia quadrata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Disolenia sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Disolenia zanguebarica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dorydruppa bensoni	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Druppatractus ostracion group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Elatomma penicillus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euchitonia cf. *furcata*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euchitonia elegans	0	160	102	0	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euchitonia sp.	39	0	68	79	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ellipsoxiphium palliatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haeckeliella macrodoras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haliomma castanea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haliomma sp. B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heliodiscus asteriscus	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heliodiscus echiniscus	39	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexacontium axotrias	118	32	34	118	137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexacontium hostile	158	96	205	79	68	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexacontium sp.	39	0	102	276	205	40	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0
Hexacromyum elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexalonche amphisiphon	79	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexalonche sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexalonche sp. C	79	32	171	39	102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexalonche sp. B	0	64	34	79	34	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexapyle sp.	0	32	34	118	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexastylus triaxonius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexastylus sp.	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexatromyum elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heterosphaera sp. B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Larcopyle butschlii	0	0	34	79	137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Larcopyle sp. A	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Larcospira minor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Larcospira quqdrangula	0	0	0	0	34	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lithelius minor	39	0	34	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lithelius nautiloides	79	224	34	118	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0
Larnacalpis sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Octopyle stenozona	118	96	68	158	102	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Otosphaera auriculatr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Otosphaera polynorpha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Otosphaera tenuissima	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plegmosphaera entodictyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porodiscus micromma	0	32	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porodiscus sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pylospira octopyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhizoplegma boreale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Siphonosphaera magnisphaera	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Siphonosphaera martensi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Siphonosphaera socialis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0
Spongaster pentas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongaster tetras tetras	39	0	34	79	34	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongodiscus bicoricarus	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongodiscus sp. A	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongodiscus spp. B group	118	96	34	0	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongopyle osculosa	0	0	0	0	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongosphaera polycantha	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongosphaera streptacantha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongotrochus glacialis	0	0	0	0	137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongotrochus sp. A	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongosphera sp.	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongurus cylindricus	0	0	34	39	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongurus sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staurodictyo cruciata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stylochlamydium venustum	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stylodictya aculeata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stylodictya multispina	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stylodictya sp.	0	0	0	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stylodictya sp. A	0	32	68	39	34	16	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0
Stylodictya validispina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stylosphaera melpomene	0	32	34	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Styptosphaera sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Styptosphaera spongiacea	39	32	34	39	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saturnalis circularis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tetrapyle octacantha	433	576	478	788	751	48	0	0	0	0	0	0	0	0	0	0	0	0	9	0	9	0
Thecosphaera inermis	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tholospira cervicornis group	473	448	546	630	922	88	0	0	0	0	0	0	9	0	0	0	0	0	26	0	0	0
Tholospira group	118	192	205	276	239	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xiphosphaera gaea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xiphosphaera tesseractis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xiphatractus pluto	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xiphatractus sp. B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Spumellaria	748	704	785	1260	1331	72	9	0	0	8	0	0	0	0	0	8	0	0	0	0	0	0

Open File Table 3. (cont.)

Phaeodaria (Site MT2 Shallow trap)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Borgertella caudata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanella macropora	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Challengeron willemoesii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanella sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanella aculeata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanidium longispinum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conchellium capsula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Challengerosium aricularia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Challengeron tizardi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euphysetta elegans	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euphysetta staurocodon	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lirella melo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medustta ansata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protocystis honjoi	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protocystis sloggetti	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porospathis holostoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protocystis auriculata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Phaeodaria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Radiolaria	8980	8672	11264	13548	14507	1288	68	0	0	24	9	0	60	8	9	24	9	26	196	0	60	0

Open File Table 3. (cont.)

Nassellaria (Site MT3 Shallow trap)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Acanthocorys cf. *variabilis*	233	64	239	276	819	64	34	9	171	0	0	0	0	0	34	0	9	0	0	16	0	77
Acanthodesmia vinculata	93	96	273	158	0	160	102	85	137	128	68	17	102	8	9	0	0	0	0	8	17	26
Acrobotrys chelinobotrys	93	0	34	79	137	32	68	17	68	0	34	9	0	0	0	0	0	0	0	0	0	0
Acrobotrys teralans	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acrobotrys tessarolobon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Androspyris ramosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Androspyris huxleyi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anthocrytidium ophirense	0	0	0	0	0	0	34	9	0	0	0	9	34	0	0	0	0	0	0	8	0	26
Anthocrytidium zanguebaricum	0	0	34	0	137	0	34	9	34	0	0	0	0	0	0	0	0	0	0	8	0	0
Arachnocalpis ovatiretalis	0	0	34	0	0	0	34	0	0	32	0	0	0	0	0	0	0	0	9	0	0	26
Artobotrys borealis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Artostrobus annulatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Botryocyrtis elongatum	0	0	0	0	137	0	34	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0
Botryocyrtis scutum	47	0	102	0	0	0	34	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0
Botryocyrtis sp. A	0	32	34	39	137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Botryostrobus aquilonaris	0	0	0	0	0	0	34	9	34	32	34	0	0	0	0	0	0	0	0	0	0	0
Callimitra annae	0	0	68	39	0	0	0	0	0	32	0	0	0	0	9	0	9	0	0	0	0	0
Callimitra emmae	0	32	34	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0
Callimitra solocicribrata	0	0	0	0	0	0	0	0	68	32	0	0	0	0	0	0	0	0	0	0	0	0
Callimitra sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cantharospyris platybursa	93	96	171	39	0	64	68	17	0	0	0	9	0	0	9	0	0	0	0	8	0	26
Carpocanarium papillosum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carpocanistrum flosculum	0	0	68	39	137	0	34	0	68	0	0	17	0	0	0	0	0	0	0	0	0	0
Carpocanarium sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centrobotrys thermophila	0	0	0	0	137	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladoscenium ancoratum	93	0	34	0	0	96	34	26	34	32	0	43	0	0	26	8	9	0	0	8	0	0
Clathrocanium coarctatum	0	0	68	79	0	32	34	17	34	0	0	9	0	0	9	0	0	0	0	0	0	0
Clathrocorys giltschii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0
Clathrocorys murrayi	47	224	171	79	0	96	137	9	137	128	34	17	102	16	9	24	9	0	0	24	9	0
Clathrocyclas cassiopejae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clathrocyclas monumentum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clathrocyclas sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conarachnium facetum	0	0	0	0	0	0	0	0	34	0	0	0	34	0	0	0	0	0	0	0	0	0
Conarachnium parabolicum	0	0	0	39	0	0	0	0	0	32	0	0	34	0	0	0	0	0	0	0	0	0
Conarachnium polyacanthum	0	0	0	0	0	0	0	26	0	32	0	0	0	8	0	0	0	0	0	0	0	26
Corocalyptra cervus	0	64	0	0	0	0	34	0	0	0	0	0	34	0	0	0	9	0	0	0	0	0
Cornutella profunda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cycladophora bicornis	47	96	68	0	0	64	0	68	0	32	34	0	0	24	0	0	0	0	0	8	0	26
Cycladophora davisiana cornutoides	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0
Cyrtopera languncula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cytopera aglaolampa	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cephalospyris cancellata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyocodon elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyocodon palladius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyocodon sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyophimus butschlii	0	32	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	8	0	0
Dictyophimus crisiae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyophimus hirundo group	0	0	0	0	0	0	0	0	0	32	0	9	0	0	9	0	0	0	0	0	0	26
Dictyophimus infabricatus	0	32	102	39	0	32	68	17	0	0	0	0	0	0	9	0	0	0	0	8	9	0
Dictyophimus macropterus	0	64	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyophimus sp. B	0	0	68	39	410	0	0	0	0	32	34	26	0	0	9	0	9	0	0	0	0	0
Dictyospyris sp. group	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0
Eucecryphalus europae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucecryphalus gegenbauri	47	160	171	79	0	32	34	0	68	0	0	0	0	0	0	0	0	0	9	0	0	51
Eucecryphalus sestrodiscus	0	64	137	39	0	64	68	34	68	0	34	9	34	0	17	0	0	0	0	16	0	0
Eucecryphalus tricostatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucrytidium anomalum	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucyrtidium acuminatum	47	0	34	0	0	0	0	9	0	0	0	9	0	0	0	0	0	0	0	0	0	0
Eucyrtidium hexagonatum	0	32	0	0	137	0	0	0	0	0	34	0	34	0	0	0	0	0	0	0	0	0
Eucyrtidium hexastichum	0	32	68	0	0	0	68	34	0	32	0	0	34	0	9	0	0	0	9	0	0	0
Eucyrtidium spp. A group	0	0	34	0	0	0	34	9	0	0	0	0	0	0	9	8	0	0	0	0	0	0
Eucecryphalus clinatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lamprocyclas m. maritalis	0	0	68	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	9	0	0	0
Lamprocyrtis nigriniae	0	0	0	0	0	0	34	26	0	32	0	0	34	8	0	0	0	0	0	0	0	0
Lampromitra cachoni	0	96	68	39	137	32	0	9	0	32	0	0	34	0	0	0	0	0	9	0	0	0
Lampromitra cracenta	0	0	34	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0
Lampromitra schultzei	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0
Lampromitra sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra sp. B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra sp. C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra spinosiretis	93	96	273	39	273	0	68	43	0	128	34	9	34	16	17	24	0	0	0	8	17	0
Lipmanella dictyoceras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
Lipmanella virchowii	0	0	34	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liriospyris reticulata	0	0	0	0	137	0	34	17	0	0	0	0	0	0	9	0	0	0	0	0	0	0
Liriospyris thorax	0	32	34	0	137	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	26
Litharachnium eupilium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Litharachnium tentorium	0	0	102	0	0	0	34	17	34	0	34	0	0	0	0	0	0	0	0	0	0	26
Lithomelissa setosa	0	96	102	39	137	0	137	17	102	32	0	9	68	0	0	0	0	0	9	0	0	77
Lithomelissa sp. B	0	0	0	39	0	0	0	9	0	0	0	0	0	0	0	8	0	0	9	0	0	0
Lithopera bacca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lithostrobus hexagonalis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lophophaena cf. *capito*	47	32	68	39	137	32	68	26	0	32	34	0	0	16	26	8	17	0	0	24	26	0
Lophophaena cylindrica	233	128	580	276	819	224	137	68	307	96	0	26	102	8	0	16	26	0	9	104	9	77

Open File Table 3. (cont.)

Lophophaena decacantha group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lophophaena sp.	0	0	102	79	0	64	68	34	102	32	0	0	34	8	17	16	0	0	0	8	0	0
Lophophaena sp. B group	279	96	341	315	683	96	102	68	375	128	102	17	68	24	43	8	34	0	9	40	0	51
L_phophaena sp. C	0	64	34	79	0	32	34	0	0	0	0	9	0	8	0	0	0	0	0	16	0	0
Lophospyris juvenile form group	47	96	171	276	137	96	34	77	102	32	0	26	68	0	17	0	9	0	0	32	9	26
Lophospyris p. hyperborea	47	256	273	236	410	128	205	43	205	96	0	34	102	0	17	0	9	17	0	8	9	51
Lophospyris p. pentagona	47	0	307	79	137	64	68	26	68	32	68	34	68	0	26	0	9	0	0	48	26	26
Lophospyris p. quadriforis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	26
Neobotrys quadrituberosa	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neosemantis distephanus	93	160	171	79	683	64	0	26	34	64	34	0	0	8	0	8	26	0	0	16	0	51
Nephrospyris renilla renilla	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peridium spinipes	93	160	410	276	956	128	34	34	341	32	68	26	137	8	9	8	26	0	0	64	17	77
Peridium sp. A	0	32	68	0	137	0	34	9	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Peripyramis circumtexta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peromellissa phalaera	47	32	102	79	137	128	34	43	171	0	0	0	68	16	34	0	9	0	0	40	9	51
Phormacantha hystrix	186	256	341	118	546	96	34	26	171	64	0	9	171	24	0	16	26	0	0	16	0	26
Phormospyris stabilis capoi	47	0	34	0	0	64	34	17	34	0	34	0	34	0	0	0	0	0	0	8	0	0
Phormospyris stabilis scaphipes	0	0	0	39	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phormospyris stabilis stabilis	0	0	68	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phormostichoartus corbula	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plectacantha sp.	93	64	0	39	273	32	0	0	0	0	68	0	0	0	0	0	0	0	0	8	0	0
Pseudocubus obeliscus	47	128	102	39	137	32	239	34	171	0	34	0	0	16	0	0	17	0	0	16	0	0
Pseudodictyophimus gracilipes	93	416	307	158	273	160	68	60	307	224	239	17	171	8	9	0	17	0	9	24	9	26
Pterocanium grandiporus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pterocanium p. praetextum	0	64	205	158	0	32	68	17	68	0	0	0	0	0	9	8	17	0	0	0	0	0
Pterocanium p. eucolpum	0	32	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pterocanium trilobum	0	0	68	0	0	64	102	17	34	64	0	0	34	0	0	0	0	0	0	0	0	26
Pterocanium sp.	0	64	0	0	0	0	0	17	68	32	0	0	34	0	9	8	0	0	0	0	0	0
Pterocorys campanula	47	224	102	0	137	192	102	68	273	32	102	0	0	48	34	8	17	0	0	0	0	102
Pterocorys zancleus	47	32	444	158	0	64	68	43	171	32	68	26	68	16	26	0	17	0	0	16	26	77
Verticillata hexacantha	0	32	102	0	0	0	0	0	34	32	0	0	0	0	0	0	0	0	0	0	0	0
Saccospyris preantarctica	0	0	34	0	137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Semantis gracilis	0	0	34	39	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0
Sithocampe arachnea	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0
Spirocyrtis scalaris	47	224	239	158	137	96	102	43	205	32	0	0	34	24	9	0	0	0	0	8	9	51
Spirocyrtis sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spirocyrtis subscalaris	0	64	0	0	0	0	34	0	0	0	0	0	0	0	0	0	9	0	0	8	17	0
Stichopilidium kruegeri	0	64	68	0	137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stichopilium bicorne	0	0	34	0	0	0	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tetraphormis dodecaster	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tetraphormis rotula	0	0	137	0	137	0	0	9	34	64	34	9	34	0	0	0	0	0	0	0	0	26
Tetraplecta pinigera	47	0	34	39	137	0	0	9	0	0	0	0	0	0	0	8	9	0	0	0	0	26
Theocorys veneris	93	32	0	79	0	32	34	9	34	32	0	0	0	0	0	8	0	0	0	0	0	0
Theocorythium trachelium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Theophormis callipilium	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0
Tholospyris baconiana	0	0	0	0	0	0	34	9	0	0	0	9	0	8	0	0	0	0	0	0	0	26
Tholospyris sp. group	0	32	0	0	0	0	0	0	34	0	0	0	68	0	0	0	0	0	0	0	0	0
Triacartus undulatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zygocircus productus	93	96	307	79	137	0	34	17	102	128	0	0	0	8	9	16	0	9	9	24	9	0
Zygocircus sp. *piscicaudatus*	47	0	102	118	410	32	34	51	137	0	68	9	0	0	0	0	0	0	0	16	9	0
Other Nassellaria	233	384	512	433	1092	288	205	111	307	192	137	68	410	16	68	16	34	17	9	64	0	51

Spumellaria (Site MT3 Shallow trap	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Acanthosphaera actinota	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acanthosphaera tenuissima	0	0	0	0	0	32	34	9	102	0	0	9	0	0	0	0	9	0	0	8	0	0
Acanthosphaera castanea	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0
Acanthosphaera tunis	47	0	68	39	0	0	0	0	34	32	0	0	0	0	0	0	0	0	0	8	0	0
Acrosphaera cyrtodon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acrosphaera spinosa	0	0	0	0	0	0	34	17	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Actinomma arcadophorum	0	64	68	0	0	0	0	9	0	0	0	0	0	0	17	0	0	0	0	8	9	26
Actinomma medianum	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Actinomma sp.	0	0	68	39	0	32	34	17	0	0	0	0	0	0	9	0	0	0	0	0	0	0
Actinosphaera capillacea	0	32	34	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Actinosphaera tenella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amphirhopalum ypsilon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arachnosphaera myriacantha	0	32	34	0	0	32	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0
Astrosphaera hexagonalis	0	32	34	0	0	32	0	17	0	0	34	0	0	0	0	0	0	0	0	0	0	0
Axoprunum stauraxonium	0	0	34	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0
Carposphaera sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centrocubus octostylus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centrolonche hexalonche	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Circodiscus microporus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Circodiscus spp. group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladococcus abietinus	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0
Cladococcus cervicornis	0	32	0	0	0	64	0	17	68	0	0	0	0	8	9	0	0	0	0	8	0	0
Cladococcus scoparius	47	0	0	39	0	32	0	17	0	0	0	0	0	8	0	0	0	0	0	0	0	26
Cladococcus sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladococcus viminalis	0	0	34	39	0	0	0	0	34	64	0	0	0	0	0	0	0	0	0	8	0	0
Collosphaera huxleyi	0	64	68	39	0	0	0	0	68	0	0	0	0	0	0	0	0	0	0	0	9	26
Collosphaera macropora	0	0	0	79	0	0	8533	9	34	0	0	9	34	0	9	8	0	0	0	0	0	26
Collosphaera tuberosa	47	0	205	79	137	0	68	26	0	96	34	43	0	16	9	8	9	0	0	0	0	307
Cromyechinus borealis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cromyomma villosum	0	0	0	39	137	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyocoryne juvenile group	0	0	273	39	0	32	68	26	205	96	102	0	34	0	0	0	0	0	9	16	0	51

Open File Table 3. (cont.)

Dictyocoryne profunda	93	64	205	39	0	64	102	68	102	32	0	26	0	0	0	0	17	0	0	8	0	26
Dictyocoryne truncatum	0	0	102	0	0	0	102	9	34	32	0	0	0	0	0	0	0	0	0	0	0	26
Didymocyrtis t. tetrathalamus	186	384	239	354	410	96	68	119	171	64	34	51	0	24	17	0	17	0	17	8	0	77
Disolenia collina	0	0	0	0	0	0	34	0	34	0	0	0	0	0	9	0	0	0	0	0	0	0
Disolenia quadrata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Disolenia sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Disolenia zanguebarica	0	0	0	0	0	32	68	17	34	0	0	0	0	8	0	0	0	0	0	0	0	0
Dorydruppa bensoni	0	0	68	0	0	0	34	26	0	0	0	0	0	0	9	0	0	0	0	0	0	0
Druppatractus ostracion group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0
Elatomma penicillus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euchitonia cf. *furcata*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euchitonia elegans	0	0	34	0	0	0	34	9	68	64	34	17	34	8	9	0	0	0	0	16	9	26
Euchitonia sp.	0	0	34	79	0	0	68	17	0	0	0	17	34	8	0	0	9	0	0	0	9	26
Ellipsoxiphium palliatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0
Haeckeliella macrodoras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haliomma castanea	0	0	0	0	0	0	34	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haliomma sp. B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heliodiscus asteriscus	0	0	0	0	0	0	34	0	0	32	0	9	0	0	0	0	0	0	0	8	0	0
Heliodiscus echiniscus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	8	0	0
Hexacontium axotrias	0	32	34	0	137	0	0	26	34	0	0	9	0	0	0	0	0	0	0	8	0	0
Hexacontium hostile	0	128	34	0	137	0	137	34	137	0	0	0	34	0	0	0	9	0	0	16	0	0
Hexacontium sp.	0	64	68	39	137	96	0	9	0	0	34	9	0	0	0	8	0	0	0	8	0	26
Hexacromyum elegans	93	32	0	0	137	0	0	17	0	0	34	9	0	0	0	8	9	0	0	16	0	0
Hexalonche amphisiphon	0	32	0	0	0	0	0	9	0	0	0	9	0	0	0	0	0	0	0	0	0	0
Hexalonche sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexalonche sp. C	47	64	0	79	137	32	0	26	137	0	0	0	34	0	9	0	0	0	9	8	0	77
Hexalonche sp. B	0	96	137	79	137	64	68	0	34	0	0	9	34	8	9	0	0	0	0	0	0	0
Hexapyle sp.	0	0	34	0	137	64	0	17	0	32	0	0	34	0	0	0	0	0	0	0	0	0
Hexastylus triaxonius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexastylus sp.	0	0	0	0	0	0	0	9	0	0	0	9	0	8	9	0	0	0	0	0	0	0
Hexatromyum elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heterosphaera sp. B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Larcopyle butschlii	0	128	102	79	273	32	68	34	102	0	0	17	68	0	0	8	0	0	0	32	0	26
Larcopyle sp. A	0	0	0	0	0	32	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Larcospira minor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Larcospira quqdrangula	0	32	0	0	0	0	0	17	34	64	0	0	0	0	0	0	0	0	0	0	0	0
Lithelius minor	0	0	137	79	137	128	68	9	34	64	68	9	0	0	0	0	0	0	0	8	0	0
Lithelius nautiloides	47	160	137	79	137	0	68	94	102	160	34	26	34	16	9	16	0	0	9	32	34	0
Larnacalpis sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Octopyle stenozona	47	192	102	0	0	32	171	68	273	0	102	17	0	0	9	8	9	0	17	16	9	26
Otosphaera auriculatr	0	0	0	0	0	0	34	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0
Otosphaera polynorpha	0	32	0	0	0	0	0	0	34	32	0	0	0	0	0	0	0	0	0	0	0	0
Otosphaera tenuissima	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plegmosphaera entodictyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porodiscus micromma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porodiscus sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pylospira octopyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhizoplegma boreale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Siphonosphaera magnisphaera	0	0	0	39	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	26
Siphonosphaera martensi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Siphonosphaera socialis	0	32	34	39	0	0	0	17	0	32	0	0	34	0	0	0	0	0	0	8	0	179
Spongaster pentas	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongaster tetras tetras	0	0	68	39	137	64	68	34	205	32	34	26	0	0	0	0	9	9	0	0	0	51
Spongodiscus bicoricarus	0	32	0	0	0	0	0	0	34	0	0	0	0	0	9	0	9	0	0	8	0	0
Spongodiscus sp. A	0	32	0	39	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongodiscus spp. B group	47	96	171	39	273	96	137	102	68	160	68	9	0	16	9	8	0	0	9	8	0	26
Spongopyle osculosa	93	32	68	0	0	0	34	0	34	0	0	9	0	0	0	0	0	0	0	0	0	0
Spongosphaera polycantha	47	32	102	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongosphaera streptacantha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongotrochus glacialis	0	64	102	118	137	0	137	43	68	32	34	17	0	0	43	0	0	0	0	8	0	26
Spongotrochus sp. A	0	0	0	0	137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongosphera sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongurus cylindricus	0	0	137	79	137	32	0	0	0	64	34	0	0	0	0	0	0	0	0	0	0	0
Spongurus sp.	0	0	34	0	0	34	34	9	0	0	0	26	0	0	0	0	0	0	0	17	0	9
Staurodictyo cruciata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stylochlamydium venustum	0	32	68	0	0	0	102	43	171	64	68	17	0	0	0	0	0	0	0	8	0	26
Stylodictya aculeata	0	0	0	0	0	0	0	9	0	0	0	9	0	0	0	0	0	0	0	0	0	0
Stylodictya multispina	0	0	0	39	0	0	0	17	0	0	68	0	0	0	0	0	0	0	0	8	0	0
Stylodictya sp.	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0
Stylodictya sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stylodictya validispina	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stylosphaera melpomene	0	0	68	39	0	0	34	17	0	0	0	17	0	0	9	0	0	0	0	0	0	0
Styptosphaera sp. A	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Styptosphaera spongiacea	93	96	239	0	137	64	171	68	205	64	34	0	34	0	9	8	9	0	0	8	0	0
Saturnalis circularis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tetrapyle octacantha	419	416	751	433	546	576	273	222	512	256	171	85	137	40	26	8	9	9	0	80	17	102
Thecosphaera inermis	0	32	0	39	0	0	0	17	0	0	0	0	0	16	9	0	0	0	0	0	9	0
Tholospira cervicornis group	140	544	717	433	819	256	205	205	444	256	137	34	68	56	68	8	0	17	17	72	51	102
Tholospira group	0	256	375	79	0	96	34	17	68	0	68	9	0	0	0	8	9	17	0	16	9	0
Xiphosphaera gaea	0	32	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xiphosphaera tesseractis	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xiphatractus pluto	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xiphatractus sp. B	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	8	0	0
Other Spumellaria	372	352	853	394	137	384	580	213	683	256	239	85	137	40	60	24	9	9	9	80	17	154

Open File Table 3. (cont.)

Phaeodaria (Site MT3 Shallow trap)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Borgertella caudata	0	0	0	0	273	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanella macropora	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Challengeron willemoesii	0	0	0	0	137	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0
Castanella sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanella aculeata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanidium longispinum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conchellium capsula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Challengerosium aricularia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Challengeron tizardi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euphysetta elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euphysetta staurocodon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lirella melo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medustta ansata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protocystis honjoi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protocystis sloggetti	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porospathis holostoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protocystis auriculata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Phaeodaria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Radiolaria	4841	8576	15121	7995	15974	5570	15223	3482	9557	4416	3038	1203	3209	624	964	360	529	102	205	1353	410	2850

Open File Table 3. (cont.)

Nassellaria (Site MT5 Shallow trap)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Acanthocorys cf. *variabilis*	0	32	137	0	0	0	0	34	34	0	0	17	0	32	0	128	68	0	26	8	34	0
Acanthodesmia vinculata	43	64	137	39	102	32	0	102	0	0	0	0	0	32	0	32	102	17	26	32	137	17
Acrobotrys chelinobotrys	0	0	0	0	0	32	34	0	0	0	0	9	34	32	0	0	68	9	9	8	0	0
Acrobotrys teralans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0
Acrobotrys tessarolobon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Androspyris ramosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Androspyris huxleyi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0
Anthocrytidium ophirense	0	0	0	0	0	32	0	34	0	8	0	0	0	32	68	0	0	9	9	16	68	51
Anthocrytidium zanguebaricum	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	68	0	0	0	0	9
Arachnocalpis ovatiretalis	0	0	0	39	0	32	0	0	34	0	0	0	0	0	0	0	0	0	0	8	0	0
Artobotrys borealis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Artostrobus annulatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Botryocyrtis elongatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	34	0	0	0	34	0
Botryocyrtis scutum	0	0	0	0	34	32	0	34	34	0	0	0	0	32	0	0	102	0	34	0	137	51
Botryocyrtis sp. A	43	32	137	0	0	32	0	0	0	0	0	0	0	0	0	0	34	9	0	0	0	0
Botryostrobus aquilonaris	0	32	0	0	0	0	0	0	0	0	0	0	0	0	68	0	34	9	0	0	0	0
Callimitra annae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callimitra emmae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0
Callimitra solocicribrata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callimitra sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cantharospyris platybursa	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	17	8	0	26
Carpocanarium papillosum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0
Carpocanistrum flosculum	0	96	0	118	0	32	0	102	0	8	17	26	34	0	0	128	205	26	43	32	68	119
Carpocanarium sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centrobotrys thermophila	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladoscenium ancoratum	0	32	137	0	0	32	68	205	34	0	9	0	0	64	0	64	68	17	60	16	102	34
Clathrocanium coarctatum	0	32	0	0	34	0	0	0	34	0	0	0	0	32	0	64	34	17	68	24	0	9
Clathrocorys giltschii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0
Clathrocorys murrayi	43	64	137	79	410	160	68	239	34	8	9	17	0	32	0	128	512	17	26	48	478	77
Clathrocyclas cassiopejae	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0
Clathrocyclas monumentum	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Clathrocyclas sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conarachnium facetum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conarachnium parabolicum	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
Conarachnium polyacanthum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corocalyptra cervus	43	0	0	0	68	0	0	34	0	0	0	0	0	0	34	0	0	9	17	0	0	17
Cornutella profunda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0
Cycladophora bicornis	213	0	0	0	0	0	34	34	0	0	9	0	0	0	0	0	0	17	17	8	0	17
Cycladophora davisiana cornutoides	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyrtopera languncula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
Cytopera aglaolampa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cephalospyris cancellata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Dictyocodon elegans	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	34	0
Dictyocodon palladius	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	9
Dictyocodon sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyophimus butschlii	0	0	0	0	0	0	34	0	0	0	0	9	0	64	0	32	0	0	0	8	0	9
Dictyophimus crisiae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyophimus hirundo group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	17	0	0	0
Dictyophimus infabricatus	0	32	0	79	0	0	34	0	0	0	9	0	0	32	0	32	34	0	0	16	34	0
Dictyophimus macropterus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyophimus sp. B	43	0	0	39	0	64	0	68	0	8	0	9	0	0	0	32	34	0	9	0	0	9
Dictyospyris sp. group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Eucecryphalus europae	0	32	0	0	0	0	0	0	0	0	0	0	0	64	34	32	34	0	9	0	0	0
Eucecryphalus gegenbauri	43	32	137	0	34	32	0	137	34	0	0	9	0	64	0	96	34	9	9	16	0	26
Eucecryphalus sestrodiscus	43	32	0	0	239	128	171	102	102	0	9	26	34	96	102	96	273	17	77	56	239	43
Eucecryphalus tricostatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucrytidium anomalum	43	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	34	9	17	0	0	0
Eucyrtidium acuminatum	0	0	0	0	0	0	34	68	0	0	0	9	0	0	0	0	102	0	0	8	0	17
Eucyrtidium hexagonatum	0	0	0	0	0	0	34	0	0	0	0	0	34	0	0	0	34	17	0	0	68	0
Eucyrtidium hexastichum	0	0	0	0	34	0	0	0	34	0	0	0	0	0	0	32	34	0	17	0	0	0
Eucyrtidium spp. A group	0	0	0	39	0	64	34	0	0	0	0	0	34	0	0	0	68	0	9	0	0	0
Eucecryphalus clinatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lamprocyclas m. maritalis	0	0	137	39	0	0	34	34	0	0	0	9	0	0	0	32	0	17	0	0	0	0
Lamprocyrtis nigriniae	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	9
Lampromitra cachoni	0	0	0	0	34	0	34	0	34	8	0	9	0	0	0	32	34	0	60	8	34	51
Lampromitra cracenta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra schultzei	0	0	0	0	34	0	0	0	34	0	0	0	0	0	0	0	0	9	17	8	0	9
Lampromitra sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra sp. B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra sp. C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra spinosiretis	213	0	0	39	34	128	137	137	0	0	0	34	0	64	0	64	68	26	94	40	239	94
Lipmanella dictyoceras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0
Lipmanella virchowii	0	0	0	39	0	32	0	0	0	0	0	0	0	32	0	0	0	0	9	0	0	0
Liriospyris reticulata	0	0	0	0	0	0	34	34	0	0	0	0	0	0	0	0	0	0	17	0	34	0
Liriospyris thorax	0	0	137	39	0	64	0	0	0	0	0	0	0	0	0	32	34	9	0	0	34	0
Litharachnium eupilium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Litharachnium tentorium	0	32	0	0	68	0	34	34	0	0	0	0	0	32	0	32	0	0	17	0	0	9
Lithomelissa setosa	0	128	819	118	239	576	307	239	34	16	9	68	68	128	137	320	375	51	111	24	205	34
Lithomelissa sp. B	0	32	137	0	0	0	34	0	34	0	0	0	0	32	0	0	34	0	9	24	34	9
Lithopera bacca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lithostrobus hexagonalis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lophophaena cf. *capito*	171	0	137	0	102	256	68	171	34	16	17	26	34	64	0	96	137	51	68	24	307	68
Lophophaena cylindrica	85	512	546	236	273	416	171	410	137	16	60	162	68	160	307	864	1331	188	461	192	819	358

Open File Table 3. (cont.)

Lophophaena decacantha group	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	9	0	0	34	0
Lophophaena sp.	0	0	0	0	0	32	0	34	0	8	0	34	0	0	0	128	68	0	60	16	273	34
Lophophaena sp. B group	0	96	137	158	102	96	68	68	68	0	17	26	0	64	102	192	410	68	34	56	205	111
Lophophaena sp. C	0	32	0	0	0	32	0	0	0	0	0	0	0	32	34	0	68	0	0	0	0	9
Lophospyris juvenile form group	43	32	0	158	68	128	34	137	34	0	0	34	34	0	34	128	0	0	17	0	171	51
Lophospyris p. hyperborea	43	32	137	118	68	64	34	34	34	16	9	43	34	64	34	32	171	9	68	40	34	43
Lophospyris p. pentagona	0	64	0	0	34	64	0	68	34	0	9	17	0	128	34	96	171	34	9	32	273	51
Lophospyris p. quadriforis	0	0	0	0	0	0	34	0	0	0	0	9	0	0	0	0	34	0	9	0	0	0
Neobotrys quadrituberosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neosemantis distephanus	43	0	137	0	34	448	205	239	205	8	17	77	0	32	0	192	137	9	26	24	307	9
Nephrospyris renilla renilla	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0
Peridium spinipes	0	192	137	158	137	320	273	239	102	0	17	26	0	64	137	96	171	34	68	88	137	26
Peridium sp. A	0	0	0	39	34	0	0	0	0	0	0	0	0	0	0	0	171	0	9	8	0	9
Peripyramis circumtexta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peromellissa phalaera	0	0	273	39	34	128	0	137	0	8	0	26	34	96	0	64	137	43	51	24	205	34
Phormacantha hystrix	43	96	273	39	137	96	0	205	137	0	9	17	0	96	0	128	171	17	43	0	205	34
Phormospyris stabilis capoi	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	34	0	17	0	68	0
Phormospyris stabilis scaphipes	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	34	0	0	0	68	9
Phormospyris stabilis stabilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0
Phormostichoartus corbula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0
Plectacantha sp.	0	0	0	0	34	0	0	0	34	0	0	0	0	0	68	0	0	0	17	16	102	9
Pseudocubus obeliscus	43	128	137	118	102	480	273	171	102	16	9	17	68	32	34	448	444	60	60	24	137	43
Pseudodictyophimus gracilipes	213	192	410	158	137	256	137	137	0	8	17	94	0	128	137	192	512	26	119	56	307	154
Pterocanium grandiporus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	9
Pterocanium p. praetextum	0	64	0	0	102	0	68	34	0	0	9	0	0	64	0	32	68	17	9	8	0	17
Pterocanium p. eucolpum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pterocanium trilobum	43	0	0	0	0	0	0	34	34	0	0	0	0	32	0	64	0	0	0	0	0	17
Pterocanium sp.	0	32	137	79	0	96	0	0	0	0	0	9	0	0	0	0	0	0	9	0	0	9
Pterocorys campanula	43	96	0	118	307	320	68	34	68	0	9	77	34	32	68	64	273	26	26	80	102	102
Pterocorys zancleus	0	32	0	39	0	0	34	0	0	0	0	0	0	0	0	0	34	0	17	8	0	0
Verticillata hexacantha	0	0	0	0	102	32	0	34	0	0	0	0	0	32	0	0	0	17	9	8	34	34
Saccospyris preantarctica	0	0	0	0	0	32	0	34	0	0	0	9	0	0	0	0	0	0	0	8	0	0
Semantis gracilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sithocampe arachnea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spirocyrtis scalaris	43	0	0	118	0	32	0	34	68	0	0	9	34	64	34	96	137	17	77	16	68	77
Spirocyrtis sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spirocyrtis subscalaris	0	0	0	0	0	0	0	0	0	0	9	0	0	32	0	0	34	9	9	0	68	0
Stichopilidium kruegeri	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0
Stichopilium bicorne	43	32	137	0	0	0	0	34	0	0	0	26	0	0	34	0	68	0	0	0	34	9
Tetraphormis dodecaster	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tetraphormis rotula	0	0	0	0	0	0	0	34	34	0	0	0	0	0	0	0	0	9	0	0	0	0
Tetraplecta pinigera	0	32	0	0	0	0	0	0	0	0	0	9	0	0	34	32	0	0	0	0	0	0
Theocorys veneris	0	0	0	0	0	32	34	34	0	0	0	0	0	32	0	0	0	0	17	0	0	26
Theocorythium trachelium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Theophormis callipilium	0	0	0	0	0	0	0	0	34	0	0	9	0	0	0	0	34	0	0	8	0	26
Tholospyris baconiana	0	0	0	118	34	96	0	34	0	0	0	0	0	32	0	32	34	0	0	0	0	0
Tholospyris sp. group	43	64	0	39	0	0	0	0	0	0	0	0	0	32	0	0	102	9	17	8	0	9
Triacartus undulatum	0	0	0	0	0	0	34	0	0	0	0	0	0	0	34	32	0	9	9	0	0	0
Zygocircus productus	43	32	273	39	68	128	68	34	0	0	0	17	102	32	0	64	102	9	26	8	137	9
Zygocircus sp. *piscicaudatus*	0	32	137	0	0	0	0	34	0	8	0	0	0	0	0	64	68	9	43	8	102	17
Other Nassellaria	128	128	410	236	307	544	478	546	137	8	26	77	34	160	68	160	649	102	171	96	307	196

Spumellaria (Site MT5 Shallow trap	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Acanthosphaera actinota	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acanthosphaera tenuissima	43	0	0	39	0	0	34	0	0	0	0	9	34	0	34	0	34	9	0	24	68	43
Acanthosphaera castanea	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	9	0	34	0
Acanthosphaera tunis	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	9
Acrosphaera cyrtodon	0	0	0	0	34	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	34	0
Acrosphaera spinosa	0	0	0	39	68	0	0	68	0	0	9	0	0	32	0	64	34	0	0	0	0	0
Actinomma arcadophorum	0	64	0	0	34	64	68	34	0	0	0	0	0	64	0	0	137	34	26	8	34	43
Actinomma medianum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Actinomma sp.	0	0	0	79	68	32	0	0	0	8	9	43	34	32	0	0	0	17	9	16	34	26
Actinosphaera capillacea	0	0	0	0	34	0	0	0	0	0	0	9	0	0	0	0	171	26	9	8	0	9
Actinosphaera tenella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amphirhopalum ypsilon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arachnosphaera myriacantha	0	0	137	0	34	0	68	0	0	8	0	0	0	0	0	96	68	9	0	8	0	0
Astrosphaera hexagonalis	0	32	0	39	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	34	9
Axoprunum stauraxonium	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	32	0	0	0	0	0	0
Carposphaera sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centrocubus octostylus	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centrolonche hexalonche	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Circodiscus microporus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Circodiscus spp. group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0
Cladococcus abietinus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0
Cladococcus cervicornis	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	51
Cladococcus scoparius	0	32	0	0	102	64	0	0	0	0	9	0	0	32	0	0	0	17	17	0	0	34
Cladococcus sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladococcus viminalis	0	32	0	0	0	0	0	34	0	0	0	0	0	0	34	0	0	0	0	0	0	0
Collosphaera huxleyi	0	0	0	0	34	0	0	0	0	0	0	9	0	0	0	0	0	0	0	8	0	0
Collosphaera macropora	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	34	0	9	8	0	0
Collosphaera tuberosa	0	0	0	0	68	32	0	0	0	0	0	51	34	64	0	192	341	43	17	8	34	0
Cromyechinus borealis	43	64	0	0	0	0	34	0	0	0	0	9	0	0	0	32	0	0	0	0	0	0
Cromyomma villosum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0
Dictyocoryne juvenile group	0	96	273	39	68	0	102	0	0	0	0	43	34	64	68	64	68	0	0	0	34	9

Open File Table 3. (cont.)

Dictyocoryne profunda	128	224	410	315	137	384	171	171	68	16	9	26	0	0	34	96	137	17	26	0	68	26
Dictyocoryne truncatum	0	0	137	0	0	0	0	0	34	0	0	0	0	0	0	0	34	9	0	0	0	0
Didymocyrtis t. tetrathalamus	85	128	273	39	137	128	102	0	0	0	0	51	0	32	68	64	102	51	43	16	102	85
Disolenia collina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Disolenia quadrata	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	34	9
Disolenia sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Disolenia zanguebarica	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	34	17	0	0	0	26
Dorydruppa bensoni	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	102	0	0	8	0	9
Druppatractus ostracion group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Elatomma penicillus	0	0	0	39	34	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	9
Euchitonia cf. *furcata*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euchitonia elegans	0	64	0	39	68	32	0	34	34	0	0	9	34	0	0	32	102	0	17	0	34	17
Euchitonia sp.	0	0	0	39	34	64	34	0	0	0	9	9	0	32	0	64	0	17	0	8	68	9
Ellipsoxiphium palliatum	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Haeckeliella macrodoras	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	34	9	0	8	0	0
Haliomma castanea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0
Haliomma sp. B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0
Heliodiscus asteriscus	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0
Heliodiscus echiniscus	0	32	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	9	0	0	0	17
Hexacontium axotrias	0	32	0	39	0	0	0	0	34	0	0	9	0	0	0	0	0	9	17	0	34	60
Hexacontium hostile	0	96	0	0	0	32	34	0	0	0	0	0	0	32	0	32	34	9	0	0	34	43
Hexacontium sp.	0	64	0	39	0	32	34	34	0	0	0	0	34	0	0	0	0	17	9	8	34	17
Hexacromyum elegans	0	64	137	0	0	0	68	34	0	0	0	0	0	32	0	0	34	0	9	0	34	0
Hexalonche amphisiphon	0	0	0	0	34	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Hexalonche sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexalonche sp. C	43	32	0	118	68	256	68	0	34	0	0	17	0	0	0	128	102	9	17	32	137	94
Hexalonche sp. B	0	32	0	39	68	0	0	34	0	0	9	9	0	0	0	0	68	17	9	24	34	9
Hexapyle sp.	43	0	0	0	68	0	68	0	0	8	9	0	0	32	0	64	102	0	0	8	0	26
Hexastylus triaxonius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexastylus sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	26
Hexatromyum elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heterosphaera sp. B	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
Larcopyle butschlii	0	128	137	236	68	160	102	171	68	16	9	68	34	64	34	192	307	34	17	8	34	43
Larcopyle sp. A	0	0	0	0	34	64	34	68	0	0	0	34	0	0	34	32	0	26	17	24	0	34
Larcospira minor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Larcospira quqdrangula	0	0	0	0	34	32	0	0	0	0	0	9	0	0	34	0	34	0	9	0	0	0
Lithelius minor	0	32	137	79	102	64	0	34	34	0	9	0	34	32	0	64	0	0	43	0	102	34
Lithelius nautiloides	85	96	0	79	102	160	0	102	34	16	26	26	34	64	68	32	171	26	26	24	273	119
Larnacalpis sp.	0	0	0	0	171	341	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Octopyle stenozona	0	128	137	0	102	0	68	68	68	8	0	43	0	32	0	64	341	43	34	56	273	128
Otosphaera auriculatr	0	0	0	118	0	0	0	0	68	0	0	0	0	32	0	0	68	0	0	0	0	0
Otosphaera polynorpha	0	0	0	0	0	0	0	0	34	8	17	9	0	0	0	0	0	0	0	0	0	0
Otosphaera tenuissima	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0
Plegmosphaera entodictyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porodiscus micromma	0	0	0	0	0	0	0	0	34	8	0	0	0	0	0	0	34	0	17	0	0	0
Porodiscus sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pylospira octopyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhizoplegma boreale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Siphonosphaera magnisphaera	0	0	0	0	34	32	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0
Siphonosphaera martensi	0	32	0	39	0	0	0	34	34	0	0	0	0	32	0	32	102	0	0	0	0	9
Siphonosphaera socialis	0	0	137	39	0	64	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	17
Spongaster pentas	0	32	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0
Spongaster tetras tetras	43	96	137	0	0	32	68	102	68	8	17	34	68	0	0	64	68	34	17	0	0	51
Spongodiscus bicoricarus	0	0	0	0	34	32	0	0	0	0	0	0	0	0	0	0	68	9	0	8	34	43
Spongodiscus sp. A	43	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongodiscus spp. B group	0	192	0	39	137	128	68	68	0	0	0	68	34	32	0	32	171	34	17	32	137	60
Spongopyle osculosa	0	0	0	39	0	96	68	34	0	0	9	0	0	0	0	0	0	9	43	8	0	34
Spongosphaera polycantha	43	0	0	0	0	0	0	34	0	0	0	9	34	0	0	0	0	0	0	8	34	17
Spongosphaera streptacantha	0	32	0	0	0	0	0	34	0	0	0	0	0	0	0	0	34	0	0	0	0	0
Spongotrochus glacialis	43	0	0	39	0	32	68	137	34	0	0	43	34	64	34	96	137	17	51	24	307	94
Spongotrochus sp. A	85	0	0	0	0	0	0	0	0	0	9	9	0	0	0	0	0	0	0	0	0	0
Spongosphera sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongurus cylindricus	43	0	137	39	68	0	0	0	0	0	0	0	0	0	0	0	0	9	17	8	0	26
Spongurus sp.	0	34	0	68	137	34	34	68	0	9	17	26	0	102	34	34	102	17	26	26	0	0
Staurodictyo cruciata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0
Stylochlamydium venustum	43	160	273	315	205	192	273	171	137	24	68	68	34	96	68	160	410	68	60	0	205	77
Stylodictya aculeata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0
Stylodictya multispina	0	64	0	39	0	128	102	102	0	0	17	9	34	32	0	96	171	51	26	24	68	43
Stylodictya sp.	0	0	0	0	34	0	34	0	34	0	0	0	0	0	0	0	0	0	9	0	34	0
Stylodictya sp. A	0	0	0	0	0	64	0	0	0	0	0	0	0	64	0	64	34	0	0	0	0	0
Stylodictya validispina	0	0	0	0	34	64	0	0	0	0	0	9	0	0	0	0	34	17	0	8	0	0
Stylosphaera melpomene	0	0	273	0	0	32	0	0	0	8	0	0	0	0	0	0	34	0	17	8	137	34
Styptosphaera sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0
Styptosphaera spongiacea	0	96	137	118	273	224	34	68	0	0	0	17	0	96	0	64	137	9	34	48	171	128
Saturnalis circularis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tetrapyle octacantha	341	448	137	473	444	384	307	375	102	8	51	162	34	384	102	416	887	128	256	160	922	333
Thecosphaera inermis	0	0	0	39	0	32	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0
Tholospira cervicornis group	43	224	273	354	444	384	375	375	102	8	26	145	68	160	205	192	546	119	171	96	580	196
Tholospira group	43	0	137	158	137	64	137	102	0	8	9	0	0	0	0	160	205	51	51	24	307	43
Xiphosphaera gaea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xiphosphaera tesseractis	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xiphatractus pluto	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xiphatractus sp. B	0	0	0	0	0	0	0	34	0	0	0	9	0	0	0	0	0	0	0	0	0	0
Other Spumellaria	256	384	683	394	683	640	546	478	171	16	60	171	68	288	171	448	990	128	205	128	751	316

Open File Table 3. (cont.)

Phaeodaria (Site MT5 Shallow trap)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Borgertella caudata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanella macropora	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
Challengeron willemoesii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanella sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanella aculeata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanidium longispinum	0	0	0	0	0	64	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conchellium capsula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Challengerosium aricularia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Challengeron tizardi	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euphysetta elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euphysetta staurocodon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lirella melo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medustta ansata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protocystis honjoi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protocystis sloggetti	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porospathis holostoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protocystis auriculata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68	0
Other Phaeodaria	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	9
Total Radiolaria	3456	5922	9557	6488	8090	10487	6588	7919	3140	361	708	2406	1434	4553	2697	8098	15667	2304	3866	2226	12015	4992

Open File Table 3. (cont.)

Nassellaria (Site MT1 Deep trap)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Acanthocorys cf. *variabilis*	205	288	273	473	683	512	273	546	410	384	444	444	307	128	410	128	273	239	341	288	68	102
Acanthodesmia vinculata	137	96	0	315	410	256	102	102	0	256	137	239	137	192	375	192	102	102	34	192	68	102
Acrobotrys chelinobotrys	102	0	0	0	0	0	34	0	0	0	68	0	0	32	34	0	34	34	0	0	0	0
Acrobotrys teralans	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acrobotrys tessarolobon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Androspyris ramosa	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Androspyris huxleyi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0
Anthocrytidium ophirense	34	0	0	0	34	0	0	0	137	0	0	0	0	32	0	32	0	0	0	0	68	0
Anthocrytidium zanguebaricum	0	64	0	0	0	0	34	0	0	0	34	0	34	0	0	32	34	0	0	0	0	0
Arachnocalpis ovatiretalis	0	0	0	0	34	0	0	34	0	0	0	34	0	0	34	64	0	0	34	0	0	0
Artobotrys borealis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Artostrobus annulatus	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Botryocyrtis elongatum	0	0	0	0	68	0	34	0	0	0	68	137	34	32	0	32	68	0	0	64	0	0
Botryocyrtis scutum	34	128	0	0	0	0	34	0	273	0	102	68	0	32	68	96	68	68	34	0	34	0
Botryocyrtis sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0
Botryostrobus aquilonaris	34	32	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0
Callimitra annae	34	0	137	0	0	0	0	34	273	0	0	34	0	0	0	0	0	68	34	0	0	0
Callimitra emmae	0	0	0	0	34	0	68	102	0	0	34	68	102	64	34	32	0	34	34	0	34	0
Callimitra solocicribrata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callimitra sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0
Cantharospyris platybursa	68	0	137	0	102	128	171	102	0	0	102	68	102	32	0	192	0	34	68	96	0	0
Carpocanarium papillosum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0
Carpocanistrum flosculum	34	0	0	0	0	0	0	0	0	0	34	34	0	32	68	0	0	0	0	32	0	0
Carpocanarium sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centrobotrys thermophila	34	0	0	158	0	0	0	34	0	0	34	0	0	0	0	0	0	0	0	0	0	0
Cladoscenium ancoratum	34	192	410	0	307	0	375	205	819	256	444	239	137	128	171	224	68	137	102	96	102	0
Clathrocanium coarctatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clathrocorys giltschii	0	0	0	0	0	0	0	34	137	0	0	34	0	0	0	32	0	0	0	0	0	0
Clathrocorys murrayi	205	352	410	158	683	256	341	478	137	384	887	478	410	160	410	288	307	273	273	160	102	0
Clathrocyclas cassiopejae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clathrocyclas monumentum	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	64	0	0	0	0	0	0
Clathrocyclas sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conarachnium facetum	0	0	0	0	0	0	0	34	0	0	0	34	0	0	0	0	34	0	0	0	34	0
Conarachnium parabolicum	0	0	0	0	34	0	0	0	0	0	0	34	34	0	0	0	0	0	0	0	34	0
Conarachnium polyacanthum	0	0	0	0	0	0	0	34	137	0	0	68	0	0	34	32	34	0	0	0	0	0
Corocalyptra cervus	68	64	137	0	137	0	34	102	0	0	0	34	68	64	68	0	0	0	34	32	34	0
Cornutella profunda	34	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	32	0	0
Cycladophora bicornis	0	0	0	0	102	0	0	34	0	0	68	34	0	96	34	32	34	68	68	32	68	0
Cycladophora davisiana cornutoi	0	32	0	0	68	0	34	34	0	0	0	34	34	0	0	0	0	0	0	64	0	0
Cyrtopera longuncula	34	0	0	0	0	0	0	0	0	0	0	0	34	0	34	0	0	0	0	0	0	0
Cytopera aglaolampa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cephalospyris cancellata	0	0	0	0	0	0	0	0	0	0	0	0	34	32	0	0	0	34	0	0	0	0
Dictyocodon elegans	0	0	0	0	0	0	0	0	0	0	34	0	0	32	0	0	0	34	0	0	0	0
Dictyocodon palladius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyocodon sp.	0	0	0	0	34	0	0	0	137	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyophimus butschlii	0	32	0	0	0	128	34	102	0	0	34	34	0	0	68	0	34	34	68	0	0	0
Dictyophimus crisiae	0	0	0	0	0	0	0	0	0	0	34	0	0	0	34	0	0	0	0	32	0	0
Dictyophimus hirundo group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0
Dictyophimus infabricatus	68	96	137	0	205	0	239	171	0	0	102	102	34	64	102	64	102	102	0	160	34	102
Dictyophimus macropterus	0	0	0	0	34	0	0	0	0	0	34	68	0	0	0	0	0	0	0	0	0	0
Dictyophimus sp. B	137	64	137	158	171	128	34	68	137	0	102	137	34	0	68	64	34	137	34	64	68	0
Dictyospyris sp. group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucecryphalus europae	0	0	0	0	0	0	34	34	0	0	0	102	0	0	34	0	0	0	0	32	0	0
Eucecryphalus gegenbauri	102	32	0	315	478	640	205	102	137	0	341	171	171	96	34	128	205	102	102	32	34	0
Eucecryphalus sestrodiscus	68	32	0	315	580	256	307	34	137	128	341	307	205	96	137	256	34	102	102	96	205	102
Eucecryphalus tricostatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucrytidium anomalum	0	32	137	0	68	0	102	34	0	128	34	34	0	32	0	0	68	0	34	0	0	0
Eucyrtidium acuminatum	34	96	0	0	0	0	102	0	0	0	0	171	34	64	0	64	0	34	0	32	0	0
Eucyrtidium hexagonatum	0	32	0	0	102	0	0	0	0	128	34	68	0	64	68	0	68	34	0	32	34	0
Eucyrtidium hexastichum	68	32	0	158	137	256	68	102	0	128	171	0	34	0	34	32	68	34	34	32	0	0
Eucyrtidium spp. A group	0	32	0	0	0	0	0	34	137	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucecryphalus clinatus	0	0	0	0	0	0	0	0	0	0	68	0	0	0	0	0	0	0	0	0	0	0
Lamprocyclas m. maritalis	0	0	0	0	34	0	68	34	0	0	34	0	34	0	0	0	0	0	0	0	0	0
Lamprocyrtis nigriniae	0	0	0	0	34	0	0	0	0	0	34	0	0	0	68	0	0	0	0	0	0	0
Lampromitra cachoni	68	128	683	473	68	256	239	273	137	128	239	102	68	96	68	128	34	137	68	32	0	0
Lampromitra cracenta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra schultzei	0	0	137	0	68	0	0	0	0	0	68	34	0	32	34	32	34	0	0	32	0	0
Lampromitra sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra sp. B	0	0	0	0	0	0	0	0	137	128	102	68	0	32	34	0	0	0	0	0	0	0
Lampromitra sp. C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra spinosiretis	273	96	273	0	375	0	171	273	137	256	273	307	273	128	171	224	205	34	239	128	68	0
Lipmanella dictyoceras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lipmanella virchowii	0	0	0	0	0	0	0	34	0	0	34	0	0	0	34	0	68	34	102	64	0	0
Liriospyris reticulata	34	0	0	0	68	0	0	0	0	0	102	0	0	0	0	0	34	0	34	32	0	0
Liriospyris thorax	0	64	0	0	68	0	68	68	137	0	137	68	34	32	34	192	34	34	34	32	34	0
Litharachnium eupilium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Litharachnium tentorium	0	0	0	158	68	0	137	34	0	0	273	137	34	64	68	64	68	68	34	32	34	0
Lithomelissa setosa	0	32	410	315	341	0	102	68	0	0	205	34	68	32	68	32	34	34	68	32	0	0
Lithomelissa sp. B	0	0	137	0	34	0	34	0	0	0	171	0	0	0	0	0	0	0	0	0	0	0
Lithopera bacca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lithostrobus hexagonalis	0	0	0	0	0	0	0	34	0	0	0	34	0	0	0	0	0	0	0	64	0	102
Lophophaena cf. *capito*	34	128	137	158	34	128	205	239	410	0	307	444	239	64	171	192	102	171	102	192	102	205
Lophophaena cylindrica	68	96	410	158	1229	256	819	341	956	256	1092	1024	546	608	341	320	341	307	410	352	205	102

Open File Table 3. (cont.)

Lophophaena decacantha group	34	0	0	0	171	0	0	34	0	0	137	0	0	0	0	64	0	34	34	0	0	0
Lophophaena sp.	137	160	410	315	239	128	239	68	273	384	102	171	68	0	34	64	34	137	68	32	68	0
Lophophaena sp. B group	137	64	137	630	0	384	239	307	546	128	307	171	307	288	512	224	205	68	171	192	102	0
Lophophaena sp. C	34	64	0	158	341	256	102	68	0	0	171	307	102	0	0	96	68	34	137	0	102	0
Lophospyris juvenile form group	34	96	137	0	239	128	171	273	410	256	375	341	205	224	307	192	171	68	205	96	171	102
Lophospyris p. hyperborea	102	128	0	473	922	128	137	205	0	128	580	171	375	256	307	128	171	137	205	96	137	205
Lophospyris p. pentagona	205	96	0	0	614	128	205	205	273	0	171	205	239	192	307	192	102	171	137	32	0	0
Lophospyris p. quadriforis	0	0	137	158	68	0	0	68	0	128	34	102	0	0	68	0	0	34	34	0	0	0
Neobotrys quadrituberosa	0	32	0	0	0	0	0	0	0	0	0	34	0	32	0	0	0	0	0	0	0	0
Neosemantis distephanus	137	128	546	630	853	256	614	512	683	256	410	478	205	192	273	320	239	68	307	0	137	0
Nephrospyris renilla renilla	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peridium spinipes	205	416	1092	630	1058	256	956	512	819	768	819	546	307	128	444	256	102	171	410	160	68	0
Peridium sp. A	0	0	0	0	0	0	0	205	0	0	0	0	68	32	68	128	102	34	68	64	68	0
Peripyramis circumtexta	0	0	0	0	0	0	0	34	0	0	0	34	0	0	34	32	0	0	34	0	0	0
Peromellissa phalaera	137	160	683	473	580	0	410	171	137	384	614	239	137	192	444	192	239	137	205	32	0	0
Phormacantha hystrix	307	64	273	0	205	640	614	341	273	640	512	273	137	160	239	224	273	205	137	160	171	102
Phormospyris stabilis capoi	0	0	0	0	68	0	0	0	0	0	0	68	0	64	0	0	0	0	34	0	34	0
Phormospyris stabilis scaphipes	0	0	0	0	68	0	68	0	0	0	0	34	102	32	34	0	0	34	34	32	0	0
Phormospyris stabilis stabilis	0	0	0	0	0	0	0	0	0	0	34	0	34	0	34	0	0	0	34	32	34	0
Phormostichoartus corbula	0	32	0	0	0	0	0	0	0	0	0	0	0	32	0	32	0	0	34	0	0	0
Plectacantha sp.	34	32	0	0	102	0	239	171	0	0	171	171	68	64	102	128	0	102	102	32	68	102
Pseudocubus obeliscus	34	0	0	0	239	0	68	68	546	128	171	68	102	32	137	64	0	68	34	64	0	0
Pseudodictyophimus gracilipes	410	256	956	0	1536	640	478	649	956	640	819	683	273	224	375	672	341	341	546	224	102	102
Pterocanium grandiporus	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pterocanium p. praetextum	137	0	137	315	171	128	102	102	0	128	171	239	239	0	171	128	34	34	68	32	0	0
Pterocanium p. eucolpum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pterocanium trilobum	34	32	137	0	137	256	171	34	0	0	34	68	68	64	68	128	34	137	68	64	0	0
Pterocanium sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pterocorys campanula	102	160	137	0	546	512	205	341	273	128	478	375	307	224	273	448	273	273	307	160	102	102
Pterocorys zancleus	34	32	137	315	307	384	205	137	546	256	375	205	102	96	171	384	102	239	171	192	171	0
Verticillata hexacantha	0	0	410	0	0	0	34	34	0	0	137	34	0	64	34	64	0	0	0	0	0	0
Saccospyris preantarctica	0	0	0	0	0	128	34	0	0	128	0	0	0	0	0	32	0	0	0	0	0	0
Semantis gracilis	34	0	137	158	34	0	0	0	137	128	34	68	34	0	0	32	0	0	0	32	0	0
Sithocampe arachnea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0
Spirocyrtis scalaris	137	96	0	315	614	256	546	137	137	128	546	512	239	128	102	256	205	137	137	32	171	0
Spirocyrtis sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spirocyrtis subscalaris	34	32	0	158	102	128	34	0	0	0	102	34	34	0	171	0	68	68	137	0	0	0
Stichopilidium kruegeri	0	0	137	0	273	0	34	102	0	0	0	68	34	32	0	32	34	68	0	0	0	0
Stichopilium bicorne	0	0	0	158	137	0	34	68	0	256	102	34	0	32	34	0	34	34	0	32	68	0
Tetraphormis dodecaster	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tetraphormis rotula	68	128	0	0	137	0	102	102	137	0	68	171	137	32	68	96	34	34	102	64	34	0
Tetraplecta pinigera	34	64	137	158	68	0	137	68	0	256	137	68	68	32	68	128	34	0	34	32	0	0
Theocorys veneris	34	32	137	0	273	0	102	0	0	128	34	137	68	32	0	32	0	0	0	32	34	0
Theocorythium trachelium	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	102
Theophormis callipilium	0	32	0	0	0	0	68	0	0	0	68	0	34	0	0	0	34	68	0	32	34	0
Tholospyris baconiana	0	0	0	0	68	128	0	34	137	0	102	34	34	0	0	64	0	0	0	0	0	0
Tholospyris sp. group	0	32	137	0	137	0	68	68	137	0	68	34	68	0	0	0	34	34	0	0	0	0
Triacartus undulatum	0	0	0	0	68	0	0	0	0	0	0	0	0	0	102	0	0	0	0	0	34	0
Zygocircus productus	68	192	137	315	512	256	273	171	273	384	410	444	205	128	375	160	102	102	68	128	0	0
Zygocircus sp. *piscicaudatus*	34	96	0	0	205	128	137	205	137	128	171	171	102	64	205	160	0	0	34	64	102	0
Other Nassellaria	341	416	2048	2678	1775	2176	887	444	2867	1280	1331	1126	341	352	478	352	410	751	410	416	171	102

Spumellaria (Site MT1 Deep trap	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Acanthosphaera actinota	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acanthosphaera tenuissima	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acanthosphaera castanea	0	0	0	0	0	0	0	0	0	0	34	34	0	0	0	0	0	0	0	0	0	0
Acanthosphaera tunis	68	32	0	473	102	0	68	239	137	0	34	137	34	64	102	64	34	34	68	32	0	102
Acrosphaera cyrtodon	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0
Acrosphaera spinosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Actinomma arcadophorum	68	0	0	0	34	0	0	34	0	0	0	34	34	32	34	32	0	34	0	0	0	0
Actinomma medianum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Actinomma sp.	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0
Actinosphaera capillacea	0	0	0	158	102	0	0	0	0	0	34	0	0	64	137	0	68	0	68	96	0	0
Actinosphaera tenella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amphirhopalum ypsilon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arachnosphaera myriacantha	0	0	0	0	68	0	34	68	0	0	34	0	137	64	102	64	34	137	0	0	34	102
Astrosphaera hexagonalis	0	0	0	0	102	0	0	0	0	0	34	0	34	0	0	64	0	68	68	64	0	0
Axoprunum stauraxonium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carposphaera sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centrocubus octostylus	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	32	0	0
Centrolonche hexalonche	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Circodiscus microporus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Circodiscus spp. group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladococcus abietinus	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	32	0	0
Cladococcus cervicornis	34	0	0	0	239	0	0	68	0	0	102	102	0	0	68	96	68	0	68	0	0	0
Cladococcus scoparius	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0
Cladococcus sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladococcus viminalis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Collosphaera huxleyi	0	0	137	0	0	0	0	34	0	0	34	0	34	0	0	0	0	0	0	0	0	0
Collosphaera macropora	0	0	0	0	0	0	0	0	0	0	0	68	0	0	0	0	0	0	0	0	0	0
Collosphaera tuberosa	0	32	0	0	102	0	68	0	0	0	0	34	34	32	102	0	34	34	0	96	34	0
Cromyechinus borealis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cromyomma villosum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyocoryne juvenile group	34	32	0	158	34	0	102	102	0	256	0	102	0	64	68	0	0	0	0	32	34	0

Open File Table 3. (cont.)

Dictyocoryne profunda	34	0	0	0	171	128	68	102	0	128	137	34	34	64	137	96	0	68	68	128	68	0
Dictyocoryne truncatum	0	0	0	0	34	0	68	0	0	0	68	34	0	0	34	32	0	0	0	0	0	0
Didymocyrtis t. tetrathalamus	205	96	137	315	512	0	137	273	546	128	512	444	273	256	171	192	102	137	205	32	68	0
Disolenia collina	0	0	137	0	0	0	0	0	0	0	0	34	34	0	0	0	0	0	0	0	0	0
Disolenia quadrata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Disolenia sp. A	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0
Disolenia zanguebarica	0	0	0	0	0	0	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dorydruppa bensoni	0	0	0	0	0	0	34	34	0	0	34	34	0	32	0	0	0	0	68	0	0	0
Druppatractus ostracion group	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	34	0	0	0	34	0
Elatomma penicillus	0	0	0	0	0	0	0	0	0	0	34	0	0	32	0	0	0	0	34	0	0	0
Euchitonia cf. *furcata*	0	32	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0
Euchitonia elegans	0	64	137	0	102	0	68	34	137	0	34	34	0	64	68	0	34	34	0	32	68	102
Euchitonia sp.	0	32	0	0	0	0	34	34	0	0	0	34	0	32	0	96	0	34	0	32	34	0
Ellipsoxiphium palliatum	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0
Haeckeliella macrodoras	0	0	0	0	0	128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haliomma castanea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0
Haliomma sp. B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heliodiscus asteriscus	0	0	0	0	0	0	0	0	0	0	34	0	0	32	34	0	0	34	0	0	0	0
Heliodiscus echiniscus	0	0	137	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexacontium axotrias	68	32	0	0	171	128	34	102	0	0	307	171	68	32	68	32	34	0	34	32	0	0
Hexacontium hostile	102	160	273	0	239	256	102	68	273	384	273	171	102	192	239	192	137	171	137	64	0	0
Hexacontium sp.	0	128	273	315	205	128	137	137	273	128	102	375	102	160	68	96	102	68	102	64	34	0
Hexacromyum elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexalonche amphisiphon	0	32	0	0	34	128	34	34	137	0	137	68	34	32	34	32	34	34	34	64	34	0
Hexalonche sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexalonche sp. C	0	128	273	315	68	512	0	68	0	0	205	239	102	32	205	32	68	68	34	64	102	0
Hexalonche sp. B	34	224	137	158	205	128	341	68	0	128	341	137	68	96	34	128	102	102	68	96	0	0
Hexapyle sp.	68	32	273	315	0	256	0	34	0	384	137	68	137	96	34	64	0	102	0	32	0	0
Hexastylus triaxonius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexastylus sp.	0	0	0	0	34	0	68	0	0	0	34	34	0	0	0	0	34	0	0	32	0	0
Hexatromyum elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heterosphaera sp. B	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0
Larcopyle butschlii	0	160	137	315	171	0	34	273	137	384	171	171	205	32	171	160	34	102	68	0	68	0
Larcopyle sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Larcospira minor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Larcospira quqdrangula	0	0	0	0	0	0	34	34	0	128	137	102	102	0	102	128	0	34	0	32	68	102
Lithelius minor	0	0	0	0	0	0	34	34	0	0	171	68	34	0	68	0	0	68	34	32	0	0
Lithelius nautiloides	0	64	0	0	0	0	205	239	137	0	307	341	68	160	205	128	102	137	102	256	34	102
Larnacalpis sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Octopyle stenozona	0	0	0	0	137	0	0	68	137	0	102	68	102	64	137	96	68	34	34	96	205	0
Otosphaera auriculata	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0
Otosphaera polynorpha	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0
Otosphaera tenuissima	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plegmosphaera entodictyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porodiscus micromma	68	32	0	158	68	0	102	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0
Porodiscus sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pylospira octopyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhizoplegma boreale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Siphonosphaera magnisphaera	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Siphonosphaera martensi	0	0	0	0	0	0	0	0	0	0	34	34	0	0	0	0	0	0	34	0	0	0
Siphonosphaera socialis	0	0	137	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongaster pentas	0	32	0	0	0	0	0	0	0	128	0	102	0	32	34	64	34	0	34	32	0	0
Spongaster tetras tetras	34	0	0	0	68	128	34	137	137	0	137	102	68	160	68	32	68	34	171	0	102	0
Spongodiscus bicoricarus	0	0	0	0	34	0	102	34	137	0	0	0	0	0	0	0	34	34	34	0	0	102
Spongodiscus sp. A	0	0	0	315	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0
Spongodiscus spp. B group	0	64	0	158	307	0	137	137	0	0	171	273	34	32	102	96	137	34	68	0	0	0
Spongopyle osculosa	0	0	0	0	34	0	0	0	0	256	0	0	34	0	68	0	0	34	0	32	0	0
Spongosphaera polycantha	0	32	0	315	137	128	102	68	137	128	137	137	0	0	34	0	34	34	68	0	34	0
Spongosphaera streptacantha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongotrochus glacialis	34	32	0	0	68	0	102	102	137	256	239	478	0	32	68	0	34	34	34	96	34	0
Spongotrochus sp. A	0	0	0	0	0	0	0	0	0	0	0	0	34	32	0	0	0	0	0	0	0	0
Spongosphera sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongurus cylindricus	68	32	0	315	34	0	34	0	137	0	68	0	0	128	0	64	0	0	0	0	0	0
Spongurus sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staurodictyo cruciata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stylochlamydium venustum	0	0	0	0	34	0	0	102	0	0	102	34	137	0	102	32	34	34	0	64	0	0
Stylodictya aculeata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stylodictya multispina	34	0	137	158	0	0	0	34	0	256	68	0	68	64	68	64	34	0	34	64	0	0
Stylodictya sp.	0	32	0	0	0	0	34	0	0	0	0	0	0	32	0	0	0	0	0	32	0	0
Stylodictya sp. A	0	0	0	158	0	0	0	0	0	0	34	0	0	32	0	32	0	0	0	0	0	0
Stylodictya validispina	0	32	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stylosphaera melpomene	0	0	0	0	0	0	0	68	0	0	0	34	34	64	137	0	0	34	34	0	34	0
Styptosphaera sp. A	0	0	0	0	0	0	0	0	0	0	0	0	68	0	0	0	0	0	0	0	0	0
Styptosphaera spongiacea	102	0	0	0	205	0	34	34	273	128	239	68	0	64	68	128	68	68	102	0	0	0
Saturnalis circularis	0	0	0	0	34	0	34	0	0	128	0	0	0	0	0	0	0	0	0	0	0	0
Tetrapyle octacantha	239	320	546	315	1161	768	614	649	819	768	1058	887	751	608	853	448	410	410	785	480	410	102
Thecosphaera inermis	0	64	0	0	68	0	0	34	0	0	34	0	0	0	34	64	0	0	0	64	0	0
Tholospira cervicornis group	239	384	819	473	1331	128	444	546	546	1152	956	751	785	352	649	448	102	205	580	352	239	0
Tholospira group	68	32	273	315	649	128	205	205	137	512	375	273	171	96	102	320	137	171	137	64	34	0
Xiphosphaera gaea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xiphosphaera tesseractis	34	0	0	0	34	0	0	34	0	0	0	0	0	32	0	0	0	0	0	0	0	0
Xiphatractus pluto	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xiphatractus sp. B	0	0	0	158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Spumellaria	239	576	819	630	1604	896	546	717	1365	896	1126	1126	649	384	614	768	444	546	751	608	410	102

Open File Table 3. (cont.)

Phaeodaria (Site MT1 Deep trap)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Borgertella caudata	0	0	0	0	171	128	205	68	0	128	34	0	0	0	34	0	0	34	34	32	0	0
Castanella macropora	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Challengeron willemoesii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanella sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanella aculeata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanidium longispinum	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0
Conchellium capsula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Challengerosium aricularia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Challengeron tizardi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euphysetta elegans	0	32	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0
Euphysetta staurocodon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lirella melo	0	0	0	0	0	0	0	0	137	0	0	0	0	0	0	0	0	0	0	0	0	0
Medustta ansata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0
Protocystis honjoi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protocystis sloggetti	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porospathis holostoma	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protocystis auriculata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Phaeodaria	0	0	137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Open File Table 3. (cont.)

Nassellaria (Site MT2 Deep trap)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Acanthocorys cf. *variabilis*	79	288	68	158	137	192	0	102	307	1024	2731	819	410	96	239	128	137	77	26	16	51	26
Acanthodesmia vinculata	276	384	60	276	102	192	0	137	171	512	273	546	239	224	137	64	137	68	60	8	9	51
Acrobotrys chelinobotrys	0	0	0	0	0	0	137	0	0	256	137	137	34	0	34	32	34	0	9	0	0	0
Acrobotrys teralans	0	0	0	0	0	0	0	34	34	0	0	137	0	0	0	0	0	0	0	0	0	0
Acrobotrys tessarolobon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Androspyris ramosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Androspyris huxleyi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anthocrytidium ophirense	0	32	9	0	0	0	0	34	34	128	137	0	34	32	34	32	0	17	0	0	0	0
Anthocrytidium zanguebaricum	39	0	9	0	68	0	137	34	34	0	0	0	68	0	34	64	0	0	0	16	0	0
Arachnocalpis ovatiretalis	0	0	0	0	0	0	0	0	0	0	0	0	0	32	34	0	0	0	0	0	0	0
Artobotrys borealis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Artostrobus annulatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0
Botryocyrtis elongatum	0	32	0	0	0	0	0	0	0	128	0	0	0	0	0	0	68	0	0	0	0	0
Botryocyrtis scutum	0	64	9	39	34	0	0	102	0	256	410	137	34	0	34	64	34	17	17	0	0	0
Botryocyrtis sp. A	0	0	0	0	0	0	0	0	0	128	137	0	0	0	0	0	0	0	0	0	0	0
Botryostrobus aquilonaris	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0
Callimitra annae	39	0	26	158	34	96	0	34	34	0	137	137	0	0	102	64	0	26	17	8	9	0
Callimitra emmae	39	32	26	39	34	128	137	34	0	256	0	137	68	0	102	64	0	17	9	0	0	0
Callimitra solocicribrata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callimitra sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
Cantharospyris platybursa	79	32	9	0	102	32	137	0	34	128	273	0	0	96	68	0	68	9	26	8	0	0
Carpocanarium papillosum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carpocanistrum flosculum	0	0	9	0	0	32	0	0	34	0	0	0	34	0	102	0	0	9	9	0	0	26
Carpocanarium sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centrobotrys thermophila	0	0	0	0	0	0	0	0	34	128	0	0	0	0	0	32	102	0	17	0	0	0
Cladoscenium ancoratum	39	32	85	236	137	96	683	102	307	256	273	137	102	32	68	64	68	51	43	8	17	26
Clathrocanium coarctatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clathrocorys giltschii	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
Clathrocorys murrayi	158	384	60	315	102	192	273	102	171	1024	683	273	68	96	239	64	205	94	51	16	17	26
Clathrocyclas cassiopejae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0
Clathrocyclas monumentum	0	0	0	0	0	0	0	0	0	0	137	0	0	0	0	0	0	0	0	0	0	0
Clathrocyclas sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conarachnium facetum	0	0	9	0	0	32	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conarachnium parabolicum	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	9	0	0	0
Conarachnium polyacanthum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	17	0	0	0	0
Corocalyptra cervus	79	64	34	0	34	32	0	0	205	128	137	0	102	0	0	0	0	17	17	8	0	0
Cornutella profunda	0	0	0	0	0	96	0	0	0	0	0	0	0	0	0	32	0	0	9	0	0	0
Cycladophora bicornis	39	0	26	0	68	0	0	137	34	0	0	0	34	64	0	0	68	51	9	0	0	26
Cycladophora davisiana cornutoia	0	0	0	0	0	0	0	0	0	0	0	137	0	0	0	0	0	0	0	0	0	0
Cyrtopera languncula	0	0	0	0	0	0	0	0	0	0	137	137	0	0	0	0	0	0	0	0	9	0
Cytopera aglaolampa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cephalospyris cancellata	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyocodon elegans	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0
Dictyocodon palladius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
Dictyocodon sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0
Dictyophimus butschlii	0	32	0	39	0	0	0	0	34	0	137	0	68	64	0	0	0	17	9	8	0	0
Dictyophimus crisiae	39	0	0	0	68	0	0	0	0	0	0	0	0	32	34	0	68	0	0	8	0	0
Dictyophimus hirundo group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyophimus infabricatus	158	160	60	79	239	128	273	102	102	384	546	0	0	160	137	96	68	9	34	16	0	0
Dictyophimus macropterus	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0
Dictyophimus sp. B	39	96	34	39	137	128	273	68	137	128	137	546	68	128	68	64	34	26	34	0	0	0
Dictyospyris sp. group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucecryphalus europae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucecryphalus gegenbauri	39	192	26	276	137	96	0	34	102	256	410	137	68	64	102	96	0	34	17	16	0	0
Eucecryphalus sestrodiscus	158	96	51	79	68	96	137	171	137	128	546	546	375	160	205	192	137	60	43	8	0	26
Eucecryphalus tricostatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucrytidium anomalum	0	0	9	0	0	64	137	68	102	0	0	0	0	64	0	0	0	0	17	0	0	0
Eucyrtidium acuminatum	0	32	26	79	0	0	137	0	0	0	273	0	0	64	68	32	34	0	17	0	0	0
Eucyrtidium hexagonatum	0	0	0	0	0	64	0	34	171	0	137	0	34	32	34	32	0	9	9	16	0	0
Eucyrtidium hexastichum	39	0	17	0	0	0	0	68	137	128	0	0	102	32	0	64	34	26	0	0	0	26
Eucyrtidium spp. A group	0	0	9	0	0	0	137	0	68	0	0	0	68	0	34	0	0	9	9	0	0	26
Eucecryphalus clinatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lamprocyclas m. maritalis	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	34	0	0	0	0	0
Lamprocyrtis nigriniae	0	32	9	39	34	0	0	0	137	128	137	137	102	32	0	160	0	9	34	0	0	0
Lampromitra cachoni	0	0	43	158	102	64	137	0	68	384	410	137	68	64	34	0	34	34	0	8	0	0
Lampromitra cracenta	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra schultzei	0	32	9	118	0	32	0	0	102	0	273	0	102	32	34	0	34	0	17	0	0	0
Lampromitra sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra sp. B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra sp. C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra spinosiretis	118	160	77	276	137	128	137	68	239	512	683	0	239	160	68	0	102	43	9	24	0	0
Lipmanella dictyoceras	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0
Lipmanella virchowii	0	0	26	0	0	0	137	34	34	0	0	0	0	64	0	0	0	9	0	8	0	0
Liriospyris reticulata	79	64	17	39	34	64	0	0	102	128	273	273	0	0	34	0	0	0	9	0	0	0
Liriospyris thorax	39	64	26	118	34	64	137	0	137	0	137	137	68	64	34	64	102	17	17	16	0	0
Litharachnium eupilium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Litharachnium tentorium	0	0	0	118	0	64	137	34	68	128	137	273	68	32	68	64	34	17	9	8	9	0
Lithomelissa setosa	0	0	9	39	0	32	0	0	68	0	273	273	102	32	0	32	0	0	0	0	0	0
Lithomelissa sp. B	0	128	9	0	0	0	273	0	0	0	0	0	34	0	0	0	0	0	9	0	0	0
Lithopera bacca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0
Lithostrobus hexagonalis	0	0	9	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0
Lophophaena cf. *capito*	0	32	51	0	102	64	0	68	375	384	137	273	307	64	102	192	102	34	60	40	9	51
Lophophaena cylindrica	79	192	60	79	102	32	410	137	444	1280	2321	683	546	224	205	128	307	85	94	8	17	51

Open File Table 3. (cont.)

Lophophaena decacantha group	0	0	0	197	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lophophaena sp.	158	64	43	0	68	96	273	0	137	512	956	410	34	128	102	64	68	17	9	16	0	26
Lophophaena sp. B group	276	256	111	315	239	192	410	137	341	384	1092	137	307	288	273	192	239	68	51	16	0	0
Lophophaena sp. C	0	128	26	39	0	32	273	0	102	512	546	273	171	224	34	32	0	26	9	0	0	0
Lophospyris juvenile form group	118	352	94	197	102	160	273	273	410	640	683	683	375	256	273	224	171	111	85	40	43	0
Lophospyris p. hyperborea	236	128	60	315	273	128	410	171	341	384	956	137	239	160	341	256	137	77	51	40	17	51
Lophospyris p. pentagona	236	128	85	433	171	384	0	171	273	896	0	137	307	160	137	32	137	68	51	8	17	0
Lophospyris p. quadriforis	39	32	0	39	0	0	0	34	0	128	137	137	34	0	34	0	0	9	0	8	9	0
Neobotrys quadrituberosa	0	0	0	0	0	0	0	34	34	0	0	0	0	0	0	0	0	0	0	8	0	0
Neosemantis distephanus	79	160	77	315	171	64	273	137	171	640	546	410	137	320	171	32	102	68	9	16	17	51
Nephrospyris renilla renilla	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peridium spinipes	158	224	94	236	137	64	273	137	205	896	2185	0	273	384	137	128	34	77	34	0	9	26
Peridium sp. A	39	64	26	79	0	64	137	34	68	0	273	0	0	0	0	32	102	34	9	0	0	0
Peripyramis circumtexta	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peromellissa phalaera	79	160	26	118	102	128	819	34	205	1024	1638	819	239	128	239	128	239	85	26	24	26	0
Phormacantha hystrix	118	96	60	276	68	64	0	102	68	256	1638	273	171	192	273	96	68	51	34	0	26	0
Phormospyris stabilis capoi	39	0	0	79	0	32	0	0	68	0	137	0	0	0	0	0	0	0	17	0	0	0
Phormospyris stabilis scaphipes	0	0	9	0	0	32	0	68	34	0	0	137	102	32	0	0	0	0	0	16	9	0
Phormospyris stabilis stabilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	9	0	0	0	0
Phormostichoartus corbula	0	32	0	39	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0
Plectacantha sp.	0	0	9	0	68	128	137	0	171	0	410	0	205	64	34	0	68	9	9	0	9	26
Pseudocubus obeliscus	0	0	9	0	0	0	137	0	34	384	0	137	34	0	34	32	68	9	0	0	0	0
Pseudodictyophimus gracilipes	315	288	77	709	546	416	956	205	341	768	1502	546	512	256	341	160	239	111	68	48	9	26
Pterocanium grandiporus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pterocanium p. praetextum	79	64	34	0	102	288	0	102	273	640	273	0	68	128	205	192	102	60	60	16	0	0
Pterocanium p. eucolpum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pterocanium trilobum	0	0	26	39	34	0	137	0	102	128	137	0	68	32	0	32	34	17	0	8	0	0
Pterocanium sp.	0	0	0	0	0	0	0	0	34	0	0	0	68	0	0	0	0	17	9	0	9	0
Pterocorys campanula	79	352	68	236	171	576	410	375	649	1024	546	410	614	384	580	480	171	154	145	80	17	26
Pterocorys zancleus	118	224	94	158	171	192	137	171	375	640	819	137	239	160	205	288	341	68	77	40	26	0
Verticillata hexacantha	0	64	9	0	0	32	0	0	0	0	0	137	0	0	0	32	0	0	9	0	0	0
Saccospyris preantarctica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Semantis gracilis	0	0	0	158	0	32	0	0	0	384	273	0	0	0	0	0	0	0	0	0	0	0
Sithocampe arachnea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spirocyrtis scalaris	158	224	85	276	68	480	683	137	239	256	410	683	205	96	478	96	102	51	43	56	0	0
Spirocyrtis sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spirocyrtis subscalaris	39	0	17	39	34	32	0	0	68	256	0	137	34	96	0	128	68	9	0	16	0	0
Stichopilidium kruegeri	0	0	0	0	0	0	0	0	34	0	137	137	68	32	0	0	0	0	0	0	0	0
Stichopilium bicorne	39	96	43	39	171	0	0	34	68	0	0	0	34	64	102	0	0	26	0	16	0	0
Tetraphormis dodecaster	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tetraphormis rotula	118	128	9	158	34	0	0	34	34	256	273	0	34	0	34	32	0	17	0	0	0	0
Tetraplecta pinigera	39	32	51	0	0	32	137	0	102	0	0	0	68	0	68	32	68	17	9	16	0	0
Theocorys veneris	0	32	26	197	102	96	0	68	102	0	137	137	0	32	34	96	0	9	34	8	9	0
Theocorythium trachelium	0	0	0	0	0	0	137	34	34	128	0	0	0	0	0	0	0	17	9	0	0	0
Theophormis callipilium	79	0	26	79	0	64	0	34	34	0	410	137	34	64	0	32	0	0	9	0	17	0
Tholospyris baconiana	0	0	9	39	34	0	0	0	68	0	137	137	0	0	0	0	34	9	17	16	0	0
Tholospyris sp. group	79	96	60	79	0	128	410	34	102	512	137	137	171	64	68	0	68	26	0	0	0	0
Triacartus undulatum	0	0	0	39	34	0	0	0	34	0	0	0	34	0	34	0	0	9	0	0	0	0
Zygocircus productus	118	128	68	79	34	160	410	68	205	384	546	410	205	64	341	96	171	68	60	16	9	26
Zygocircus sp. *piscicaudatus*	0	96	43	197	34	96	410	0	137	128	819	137	68	0	68	64	34	51	43	8	0	0
Other Nassellaria	354	704	179	1024	683	544	2458	819	478	2944	3959	1775	410	672	649	512	341	102	145	64	51	26

Spumellaria (Site MT2 Deep trap)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Acanthosphaera actinota	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acanthosphaera tenuissima	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acanthosphaera castanea	0	32	0	0	0	0	0	0	68	0	0	0	0	0	0	0	34	9	0	0	0	0
Acanthosphaera tunis	39	256	128	433	171	224	410	341	410	512	1092	410	205	192	205	128	0	85	68	16	0	0
Acrosphaera cyrtodon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acrosphaera spinosa	0	0	0	0	0	0	0	0	34	0	0	0	0	32	0	32	0	0	0	8	0	0
Actinomma arcadophorum	39	32	0	39	0	160	0	68	0	128	273	0	68	32	102	32	0	17	9	0	0	0
Actinomma medianum	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0
Actinomma sp.	0	0	0	0	0	0	0	34	34	0	0	0	34	0	68	0	0	0	17	0	0	0
Actinosphaera capillacea	118	0	34	0	0	0	0	0	68	0	137	273	0	96	34	32	34	9	43	8	0	0
Actinosphaera tenella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amphirhopalum ypsilon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arachnosphaera myriacantha	39	32	17	79	0	0	0	34	34	0	683	273	68	32	34	32	34	17	9	8	0	0
Astrosphaera hexagonalis	0	0	0	0	0	32	0	34	68	0	0	0	34	32	34	0	0	9	9	16	0	26
Axoprunum stauraxonium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9	0	0	0
Carposphaera sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centrocubus octostylus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centrolonche hexalonche	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Circodiscus microporus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Circodiscus spp. group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladococcus abietinus	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladococcus cervicornis	79	32	43	0	34	32	273	34	0	128	0	683	34	32	68	0	34	9	0	8	0	0
Cladococcus scoparius	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	34	0	0	0	0	0
Cladococcus sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladococcus viminalis	0	0	0	0	34	0	0	0	0	0	0	0	0	0	34	0	0	0	17	0	0	0
Collosphaera huxleyi	0	0	0	0	0	0	0	0	34	0	0	0	0	32	0	0	0	0	17	0	0	0
Collosphaera macropora	0	32	9	0	0	32	137	0	34	0	0	0	34	0	34	0	0	0	0	0	0	0
Collosphaera tuberosa	39	96	17	39	0	96	0	0	68	128	137	0	102	64	34	0	34	0	34	0	0	0
Cromyechinus borealis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cromyomma villosum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyocoryne juvenile group	79	32	43	79	171	32	137	0	34	128	0	0	68	0	68	64	0	17	9	0	9	0

Open File Table 3. (cont.)

Dictyocoryne profunda	118	160	51	39	34	128	0	34	137	384	546	0	102	256	102	96	68	34	26	0	0	0
Dictyocoryne truncatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	34	0	0	8	0	0
Didymocyrtis t. tetrathalamus	394	288	205	473	307	512	273	102	751	384	410	683	478	224	205	192	0	111	94	32	17	0
Disolenia collina	0	0	9	0	0	0	0	0	34	128	0	137	0	0	0	0	0	0	0	0	0	0
Disolenia quadrata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Disolenia sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Disolenia zanguebarica	0	0	9	0	0	0	0	34	68	0	0	0	0	0	0	0	0	0	0	8	0	0
Dorydruppa bensoni	0	32	0	0	0	32	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0
Druppatractus ostracion group	0	0	9	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0
Elatomma penicillus	39	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euchitonia cf. *furcata*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euchitonia elegans	79	128	34	79	34	96	410	68	137	128	546	137	68	0	0	128	0	17	17	16	0	0
Euchitonia sp.	0	64	34	39	34	32	0	34	0	0	0	0	34	32	68	64	34	9	9	16	0	0
Ellipsoxiphium palliatum	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haeckeliella macrodoras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haliomma castanea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haliomma sp. B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heliodiscus asteriscus	39	32	9	0	0	0	0	0	0	0	0	137	0	64	68	0	34	9	0	0	0	0
Heliodiscus echiniscus	39	0	0	0	0	0	0	0	68	0	0	0	0	0	0	0	0	0	17	0	0	0
Hexacontium axotrias	0	128	26	118	34	0	273	68	102	0	137	137	68	160	68	32	0	26	34	24	0	0
Hexacontium hostile	197	160	68	551	137	288	273	239	341	256	546	683	273	96	341	160	171	68	51	48	9	0
Hexacontium sp.	0	192	119	158	102	224	273	102	273	128	819	410	171	64	137	64	137	60	43	16	9	0
Hexacromyum elegans	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	17	0	0	0
Hexalonche amphisiphon	39	0	9	236	0	32	137	68	239	128	0	137	68	96	34	0	0	9	26	8	0	0
Hexalonche sp. A	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexalonche sp. C	39	32	9	79	34	96	137	34	137	384	683	0	68	64	68	64	34	9	9	0	0	0
Hexalonche sp. B	39	64	26	0	34	32	0	68	68	0	273	0	137	32	137	0	0	17	9	8	17	0
Hexapyle sp.	39	0	26	79	0	32	0	0	102	128	273	137	102	0	34	96	102	26	0	8	0	0
Hexastylus triaxonius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexastylus sp.	0	32	9	79	0	32	0	0	0	0	0	0	0	0	34	32	0	0	0	0	0	0
Hexatromyum elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heterosphaera sp. B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Larcopyle butschlii	39	0	43	0	171	96	273	34	239	128	0	0	68	32	68	32	0	26	26	0	0	0
Larcopyle sp. A	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Larcospira minor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Larcospira quqdrangula	0	96	0	39	34	32	0	0	102	0	273	137	34	96	0	0	0	0	9	8	0	0
Lithelius minor	39	0	9	79	68	96	137	34	68	0	273	137	34	0	273	32	68	17	77	0	0	0
Lithelius nautiloides	118	192	85	236	68	96	0	171	307	0	137	410	375	96	307	256	137	60	26	48	9	0
Larnacalpis sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Octopyle stenozona	39	64	34	158	68	128	0	102	137	256	410	273	205	64	205	160	34	51	9	8	9	0
Otosphaera auriculatr	0	0	26	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Otosphaera polynorpha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Otosphaera tenuissima	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plegmosphaera entodictyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porodiscus micromma	0	32	9	0	34	0	0	0	34	0	0	137	0	0	68	32	0	9	0	0	0	0
Porodiscus sp.	0	0	0	0	0	0	137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pylospira octopyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhizoplegma boreale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Siphonosphaera magnisphaera	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Siphonosphaera martensi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0
Siphonosphaera socialis	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0
Spongaster pentas	0	0	0	0	0	0	0	34	0	0	137	137	0	32	34	0	34	0	0	0	0	0
Spongaster tetras tetras	39	64	34	39	34	128	0	137	34	128	137	0	102	32	68	32	0	26	17	0	0	0
Spongodiscus bicoricarus	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	17	0	0	0	0
Spongodiscus sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongodiscus spp. B group	39	192	77	276	102	64	137	102	68	128	683	0	205	96	171	32	0	34	9	16	9	26
Spongopyle osculosa	0	0	9	39	0	0	137	0	34	128	0	0	34	0	0	0	0	0	0	0	0	0
Spongosphaera polycantha	0	0	26	0	34	0	0	0	68	128	137	0	0	64	0	0	0	9	9	0	0	0
Spongosphaera streptacantha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongotrochus glacialis	79	0	0	0	34	32	410	34	68	128	137	410	34	192	34	160	0	9	17	24	0	0
Spongotrochus sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongosphera sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongurus cylindricus	0	32	9	79	68	32	0	34	0	0	410	0	34	32	0	32	34	9	9	0	0	0
Spongurus sp.	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staurodictyo cruciata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stylochlamydium venustum	79	32	0	0	34	32	0	0	102	0	0	137	68	32	34	64	68	26	0	0	0	0
Stylodictya aculeata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stylodictya multispina	0	0	9	0	34	32	0	34	68	0	0	0	34	0	0	0	0	0	9	0	0	0
Stylodictya sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
Stylodictya sp. A	0	32	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	9	0	0	0
Stylodictya validispina	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0
Stylosphaera melpomene	0	0	17	39	34	32	0	0	68	256	137	137	102	64	34	0	0	26	0	8	0	0
Styptosphaera sp. A	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Styptosphaera spongiacea	0	32	9	0	34	32	0	0	171	256	137	0	68	64	137	96	68	0	17	0	0	0
Saturnalis circularis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tetrapyle octacantha	315	672	290	748	614	1024	1092	614	956	1152	2458	956	1058	832	853	512	614	316	213	72	94	26
Thecosphaera inermis	39	32	17	0	0	0	0	0	0	0	0	0	34	0	68	0	0	0	26	16	0	0
Tholospira cervicornis group	473	480	350	473	341	736	683	307	922	1024	1502	1229	410	352	341	512	307	188	102	96	26	0
Tholospira group	0	224	102	158	171	288	410	137	444	128	956	410	137	256	205	160	205	77	111	56	9	0
Xiphosphaera gaea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xiphosphaera tesseractis	0	0	9	0	0	0	0	0	34	0	0	0	0	32	0	0	0	0	0	0	0	0
Xiphatractus pluto	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xiphatractus sp. B	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Spumellaria	866	768	307	1024	410	1056	2048	751	1126	1536	1638	1638	956	896	444	480	751	171	213	96	17	0

Open File Table 3. (cont.)

Phaeodaria (Site MT2 Deep trap)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Borgertella caudata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanella macropora	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Challengeron willemoesii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanella sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanella aculeata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanidium longispinum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conchellium capsula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Challengerosium aricularia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Challengeron tizardi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euphysetta elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euphysetta staurocodon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lirella melo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medustta ansata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protocystis honjoi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protocystis sloggetti	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porospathis holostoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protocystis auriculata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Phaeodaria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Radiolaria	8625	11872	5094	15202	9318	13088	21845	9182	18978	31872	50381	25259	15599	11616	13244	9376	8533	4139	3456	1576	700	717

Open File Table 3. (cont.)

Nassellaria (Site MT3 Deep trap)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Acanthocorys cf. *variabilis*	186	96	102	108	341	128	34	51	34	32	94	51	9	8	0	8	26	34	51	64	26	0
Acanthodesmia vinculata	93	256	247	108	273	192	273	239	68	128	102	145	9	32	34	88	128	43	77	128	9	0
Acrobotrys chelinobotrys	93	0	26	39	0	0	0	17	68	32	17	26	0	0	0	0	9	0	9	0	0	0
Acrobotrys teralans	0	0	17	0	0	0	0	9	0	0	0	9	0	0	0	0	0	0	0	0	0	0
Acrobotrys tessarolobon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Androspyris ramosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Androspyris huxleyi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anthocrytidium ophirense	0	32	17	10	0	0	68	17	34	64	17	0	0	8	0	8	68	9	34	96	0	0
Anthocrytidium zanguebaricum	0	0	26	20	0	0	0	17	0	32	34	51	0	8	0	0	9	26	34	0	0	0
Arachnocalpis ovatiretalis	0	0	0	20	0	0	0	0	0	0	17	0	0	8	0	0	0	9	0	0	0	0
Artobotrys borealis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Artostrobus annulatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Botryocyrtis elongatum	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	9	0	0	0	0	0
Botryocyrtis scutum	0	0	34	0	0	0	0	9	0	0	9	17	0	0	0	0	17	9	0	32	9	0
Botryocyrtis sp. A	47	0	0	0	34	0	0	0	0	0	0	9	0	0	0	0	0	0	9	32	9	0
Botryostrobus aquilonaris	0	0	9	20	0	0	0	9	0	0	9	9	0	0	0	0	0	0	0	0	0	0
Callimitra annae	47	64	34	30	68	0	34	0	34	32	9	17	9	0	0	0	9	26	9	0	9	0
Callimitra emmae	0	0	17	59	0	0	102	17	0	0	0	0	0	0	0	0	34	17	9	32	0	0
Callimitra solocicribrata	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0
Callimitra sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cantharospyris platybursa	0	32	94	69	34	64	102	94	34	32	34	26	0	8	0	16	9	26	9	128	9	0
Carpocanarium papillosum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carpocanistrum flosculum	0	0	0	20	0	0	0	0	0	0	9	9	0	0	0	0	17	9	17	0	0	0
Carpocanarium sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centrobotrys thermophila	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
Cladoscenium ancoratum	93	32	145	69	102	0	0	119	137	32	188	43	0	24	34	16	77	60	43	128	0	0
Clathrocanium coarctatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clathrocorys giltschii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clathrocorys murrayi	326	160	222	217	444	96	171	154	102	160	230	102	0	0	0	56	77	119	85	64	0	26
Clathrocyclas cassiopejae	0	0	9	10	0	0	0	17	0	0	0	9	0	0	0	0	0	0	0	0	0	0
Clathrocyclas monumentum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clathrocyclas sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conarachnium facetum	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0
Conarachnium parabolicum	0	32	9	0	34	0	34	0	0	0	9	0	0	0	0	0	0	17	9	0	0	0
Conarachnium polyacanthum	0	0	9	10	34	0	0	0	68	0	17	0	0	0	0	0	0	9	0	0	0	0
Corocalyptra cervus	93	32	34	10	34	0	68	51	0	0	9	9	0	0	0	0	26	9	17	0	0	0
Cornutella profunda	0	0	9	0	0	0	34	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cycladophora bicornis	0	32	51	79	34	0	0	77	0	0	128	26	9	24	0	24	17	51	17	0	9	0
Cycladophora davisiana cornutoia	0	0	17	0	0	0	34	9	0	0	9	0	0	0	0	0	9	0	9	32	0	0
Cyrtopera longuncula	0	0	0	10	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0
Cytopera aglaolampa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cephalospyris cancellata	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyocodon elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0
Dictyocodon palladius	47	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0
Dictyocodon sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyophimus butschlii	0	32	9	10	0	0	0	17	0	0	34	0	0	0	0	0	17	9	26	0	0	0
Dictyophimus crisiae	0	32	0	0	0	0	0	17	68	64	26	0	0	0	0	0	0	9	0	32	0	0
Dictyophimus hirundo group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyophimus infabricatus	0	0	102	39	137	0	34	9	34	64	51	34	9	8	0	8	60	17	26	32	9	0
Dictyophimus macropterus	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0
Dictyophimus sp. B	47	0	102	49	0	64	0	34	34	64	26	9	9	8	0	8	9	34	17	32	0	0
Dictyospyris sp. group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucecryphalus europae	47	0	0	0	68	0	0	0	34	0	0	0	9	0	0	0	0	0	0	0	0	0
Eucecryphalus gegenbauri	186	96	77	39	102	64	34	43	34	32	43	43	0	0	0	0	34	17	9	32	0	0
Eucecryphalus sestrodiscus	279	32	60	79	137	160	137	26	102	96	51	85	0	8	0	24	137	77	34	64	9	0
Eucecryphalus tricostatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucrytidium anomalum	0	0	26	10	34	0	0	9	34	0	9	9	0	8	0	0	26	17	0	0	0	0
Eucyrtidium acuminatum	0	0	0	0	34	0	34	34	0	0	9	9	0	0	0	0	51	9	17	0	0	0
Eucyrtidium hexagonatum	0	0	17	10	0	0	0	9	68	0	43	9	0	0	0	0	43	17	0	64	9	0
Eucyrtidium hexastichum	0	64	34	39	34	32	0	17	34	0	68	9	0	0	0	0	17	17	0	0	9	0
Eucyrtidium spp. A group	0	0	26	0	0	0	0	60	0	96	34	9	0	0	0	0	0	0	9	0	0	0
Eucecryphalus clinatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lamprocyclas m. maritalis	0	32	17	10	0	0	0	9	0	0	43	0	0	0	0	8	0	9	9	0	0	0
Lamprocyrtis nigriniae	0	32	17	0	0	0	0	9	0	0	0	17	9	0	0	0	0	17	17	0	0	0
Lampromitra cachoni	140	64	85	30	34	0	0	34	0	0	43	26	0	0	0	8	26	0	26	64	0	0
Lampromitra cracenta	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra schultzei	47	64	17	10	0	0	0	9	34	32	43	17	0	0	0	24	34	9	17	0	0	0
Lampromitra sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra sp. B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra sp. C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra spinosiretis	93	128	179	79	137	128	137	154	137	96	94	9	17	16	0	40	77	34	68	128	26	26
Lipmanella dictyoceras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0
Lipmanella virchowii	47	32	43	30	68	64	34	60	34	32	9	0	0	8	0	0	26	43	0	32	0	0
Liriospyris reticulata	0	0	9	30	137	32	34	34	0	64	17	9	17	0	0	16	0	43	9	96	0	0
Liriospyris thorax	47	64	26	0	0	0	0	17	34	0	17	0	0	0	0	0	0	0	0	32	0	0
Litharachnium eupilium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Litharachnium tentorium	93	0	85	49	34	64	68	26	34	32	34	9	0	0	0	16	43	26	17	32	0	0
Lithomelissa setosa	0	0	17	0	0	32	34	0	102	0	17	34	0	0	0	0	9	0	9	0	9	0
Lithomelissa sp. B	0	0	9	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	32	0	0
Lithopera bacca	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lithostrobus hexagonalis	47	0	9	0	0	0	0	9	0	0	0	0	0	0	0	0	0	9	0	0	9	0
Lophophaena cf. *capito*	93	128	60	39	102	64	34	51	0	32	77	43	9	16	0	56	60	43	43	224	43	26
Lophophaena cylindrica	47	128	247	79	410	96	205	119	34	32	179	111	0	0	34	16	77	111	60	160	26	26

Open File Table 3. (cont.)

Lophophaena decacantha group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lophophaena sp.	0	0	26	20	34	0	34	17	0	0	43	43	0	8	0	0	9	26	26	64	17	0
Lophophaena sp. B group	279	160	282	197	580	320	307	171	137	128	230	111	9	16	34	16	239	179	77	160	43	26
Lophophaena sp. C	0	0	43	10	34	0	0	9	0	0	0	9	0	0	0	0	9	0	9	64	0	0
Lophospyris juvenile form group	47	96	145	30	137	192	68	85	137	192	94	60	0	8	0	32	77	102	77	128	26	0
Lophospyris p. hyperborea	186	128	299	305	410	96	239	316	68	96	299	145	26	8	0	56	179	222	94	224	43	26
Lophospyris p. pentagona	140	96	196	118	239	96	68	171	68	64	137	119	9	24	68	56	128	94	68	160	43	51
Lophospyris p. quadriforis	47	0	17	0	0	0	0	17	0	0	0	0	0	0	0	0	9	0	0	0	0	0
Neobotrys quadrituberosa	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
Neosemantis distephanus	47	64	171	108	205	96	34	145	137	0	119	26	0	8	0	8	85	51	43	96	17	0
Nephrospyris renilla renilla	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peridium spinipes	233	96	162	148	375	160	68	111	102	32	188	119	9	8	68	24	17	85	34	192	17	0
Peridium sp. A	47	32	26	0	0	0	0	26	0	0	43	17	9	8	0	16	9	26	0	0	0	0
Peripyramis circumtexta	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	16	0	9	9	0	0	0
Peromellissa phalaera	0	0	68	59	137	32	0	77	0	0	51	26	0	0	0	0	17	26	60	64	26	26
Phormacantha hystrix	47	64	102	79	273	64	102	111	0	64	119	102	9	8	34	16	51	26	9	32	9	51
Phormospyris stabilis capoi	0	32	34	10	0	0	34	26	0	0	26	9	0	0	0	0	26	0	0	0	0	0
Phormospyris stabilis scaphipes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phormospyris stabilis stabilis	0	0	9	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
Phormostichoartus corbula	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0
Plectacantha sp.	0	64	51	59	34	32	68	60	0	0	34	26	0	0	0	8	51	26	17	0	0	0
Pseudocubus obeliscus	140	96	51	49	137	0	102	51	68	0	51	17	0	0	0	0	0	0	9	32	0	0
Pseudodictyophimus gracilipes	465	192	205	226	683	416	171	307	205	32	256	171	34	16	68	8	119	111	68	32	26	0
Pterocanium grandiporus	47	32	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0
Pterocanium p. praetextum	233	64	85	98	205	32	34	60	102	224	68	43	9	0	0	0	162	34	17	96	26	0
Pterocanium p. eucolpum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pterocanium trilobum	0	0	9	10	0	0	0	43	34	64	34	0	0	0	0	8	0	43	17	32	26	0
Pterocanium sp.	0	0	34	20	0	32	68	51	0	0	0	34	0	8	0	8	9	17	0	0	0	0
Pterocorys campanula	372	96	230	236	341	160	68	273	341	320	171	94	17	24	0	48	171	111	119	64	34	26
Pterocorys zancleus	93	64	102	108	205	96	102	196	34	96	196	60	9	0	34	48	128	154	128	160	17	26
Verticillata hexacantha	0	0	17	10	68	0	34	26	34	32	34	9	0	8	0	0	0	26	26	0	0	0
Saccospyris preantarctica	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
Semantis gracilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sithocampe arachnea	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	9	0
Spirocyrtis scalaris	93	64	68	79	273	160	171	188	102	96	111	94	17	8	0	16	43	68	34	160	26	26
Spirocyrtis sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spirocyrtis subscalaris	0	0	17	0	0	0	0	0	0	32	17	9	0	0	0	0	0	0	17	0	0	0
Stichopilidium kruegeri	0	0	26	0	0	0	0	0	0	0	17	9	0	0	0	0	0	0	0	0	0	0
Stichopilium bicorne	47	0	9	20	0	32	0	34	0	0	9	26	0	0	0	0	9	17	0	0	9	0
Tetraphormis dodecaster	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tetraphormis rotula	47	64	34	20	34	32	0	17	0	64	34	17	9	8	0	8	26	43	0	32	17	0
Tetraplecta pinigera	0	64	17	10	34	64	0	68	0	32	68	34	0	8	0	0	17	34	26	0	0	0
Theocorys veneris	0	0	34	39	0	32	34	51	0	96	17	9	0	0	0	0	9	26	0	0	9	0
Theocorythium trachelium	0	0	17	39	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0
Theophormis callipilium	0	32	9	10	34	0	0	26	34	0	0	0	0	0	0	0	0	0	9	0	0	0
Tholospyris baconiana	47	0	34	20	34	0	34	51	0	0	9	17	0	0	0	0	0	0	0	0	0	0
Tholospyris sp. group	47	0	34	10	68	32	0	26	0	0	9	26	9	16	0	8	17	0	9	0	0	0
Triacartus undulatum	0	0	17	10	0	0	0	0	0	0	0	0	0	0	0	0	9	9	9	0	0	0
Zygocircus productus	47	96	162	108	137	192	68	102	102	32	68	26	0	8	0	8	51	60	51	160	43	0
Zygocircus sp. *piscicaudatus*	0	32	85	30	102	32	34	34	68	0	43	43	0	0	0	8	43	0	9	128	9	0
Other Nassellaria	419	352	657	453	819	544	751	418	341	256	324	358	34	72	102	112	247	213	239	608	26	77

Spumellaria (Site MT3 Deep trap)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Acanthosphaera actinota	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acanthosphaera tenuissima	47	64	77	49	68	32	34	9	68	128	68	60	0	16	0	24	68	77	26	0	17	26
Acanthosphaera castanea	0	0	0	10	0	32	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
Acanthosphaera tunis	47	32	43	20	34	96	0	43	34	32	17	9	0	0	0	0	26	26	0	32	9	0
Acrosphaera cyrtodon	0	0	17	0	0	0	34	0	0	0	9	9	0	0	0	0	9	0	0	0	0	0
Acrosphaera spinosa	47	0	0	30	34	32	0	17	0	0	34	17	0	0	0	0	0	0	0	0	17	0
Actinomma arcadophorum	47	0	43	69	102	0	171	9	0	32	9	17	9	0	0	0	9	0	0	0	0	26
Actinomma medianum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
Actinomma sp.	0	64	51	39	137	64	34	17	68	0	43	34	9	0	0	16	9	0	26	64	0	0
Actinosphaera capillacea	140	32	26	49	68	32	102	102	0	0	34	9	0	0	0	32	17	17	43	32	0	0
Actinosphaera tenella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amphirhopalum ypsilon	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arachnosphaera myriacantha	0	0	60	20	205	32	34	85	68	64	60	9	0	0	0	8	9	0	9	128	0	0
Astrosphaera hexagonalis	47	128	26	30	34	96	68	43	68	32	17	17	0	0	0	0	9	17	9	32	0	26
Axoprunum stauraxonium	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0
Carposphaera sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centrocubus octostylus	0	32	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	9	0	0	0	26
Centrolonche hexalonche	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Circodiscus microporus	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Circodiscus spp. group	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladococcus abietinus	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladococcus cervicornis	0	0	34	10	0	32	102	17	34	0	51	17	17	8	0	0	34	26	26	128	9	0
Cladococcus scoparius	0	64	9	10	102	64	34	26	34	32	17	43	0	0	0	0	9	0	9	0	0	0
Cladococcus sp.	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladococcus viminalis	0	0	26	0	0	0	0	0	0	0	9	0	0	0	0	8	26	9	0	0	0	0
Collosphaera huxleyi	0	0	26	30	0	0	0	0	0	0	26	9	9	0	0	0	0	0	0	0	0	0
Collosphaera macropora	0	0	0	10	0	0	0	26	34	0	17	9	9	8	0	8	17	0	9	0	0	0
Collosphaera tuberosa	47	64	9	20	68	64	102	68	34	96	60	60	0	16	34	40	51	51	9	96	9	26
Cromyechinus borealis	0	0	9	0	0	0	0	0	0	32	9	9	0	8	0	0	9	0	0	0	0	0
Cromyomma villosum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyocoryne juvenile group	47	32	17	49	0	128	34	77	102	64	26	68	26	0	0	24	60	17	34	96	9	26

Open File Table 3. (cont.)

Dictyocoryne profunda	93	64	145	128	102	64	239	137	68	96	111	145	9	24	0	32	60	26	43	128	34	0
Dictyocoryne truncatum	0	0	17	10	0	0	34	0	0	32	34	0	9	0	0	16	0	34	17	0	0	0
Didymocyrtis t. tetrathalamus	279	160	367	295	341	224	307	282	341	160	179	119	17	16	0	64	60	111	119	320	34	0
Disolenia collina	0	0	9	10	0	0	34	9	0	0	9	9	0	0	0	0	0	0	0	0	0	0
Disolenia quadrata	0	32	9	0	0	0	0	0	0	0	9	9	0	0	0	0	0	0	0	0	9	0
Disolenia sp. A	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	8	0	9	0	0	0	0
Disolenia zanguebarica	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	9	0	0	0	0	0
Dorydruppa bensoni	0	32	17	10	0	0	0	26	0	0	9	9	0	0	0	0	17	0	9	0	0	0
Druppatractus ostracion group	0	0	0	10	0	0	0	0	0	0	17	9	9	0	0	0	0	9	9	0	0	0
Elatomma penicillus	0	0	0	0	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euchitonia cf. *furcata*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euchitonia elegans	0	0	68	39	0	32	68	43	34	64	85	43	9	8	0	16	26	9	9	32	9	26
Euchitonia sp.	47	32	26	20	34	32	102	34	68	32	51	34	9	0	34	0	26	43	43	96	0	0
Ellipsoxiphium palliatum	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haeckeliella macrodoras	47	0	0	20	0	0	0	9	0	0	0	0	0	0	0	0	0	9	0	0	0	0
Haliomma castanea	0	0	17	49	0	0	0	43	34	32	0	17	0	0	0	0	26	0	0	32	0	0
Haliomma sp. B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heliodiscus asteriscus	47	0	26	10	68	32	34	0	0	32	9	9	0	0	0	0	9	9	9	0	9	0
Heliodiscus echiniscus	0	0	0	0	0	0	0	9	68	0	9	9	0	0	0	0	0	0	9	32	9	0
Hexacontium axotrias	47	0	26	59	34	32	68	34	34	0	26	9	0	0	0	16	26	17	9	64	0	0
Hexacontium hostile	140	64	77	30	34	96	102	68	102	128	68	77	9	0	0	40	68	111	34	32	17	26
Hexacontium sp.	93	96	94	79	102	96	34	94	205	32	60	17	9	0	0	0	34	17	17	64	17	0
Hexacromyum elegans	0	64	77	49	34	32	0	26	68	32	34	0	9	0	0	8	0	26	26	32	0	0
Hexalonche amphisiphon	47	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	9	26	0	0	0	0
Hexalonche sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexalonche sp. C	93	96	94	30	171	32	0	51	102	0	34	26	0	0	0	0	26	17	17	128	0	26
Hexalonche sp. B	186	64	94	49	171	64	34	68	0	0	94	51	0	0	0	0	51	17	17	0	9	0
Hexapyle sp.	93	64	0	59	0	32	34	34	0	0	26	17	0	0	0	16	26	0	0	0	0	0
Hexastylus triaxonius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexastylus sp.	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
Hexatromyum elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heterosphaera sp. B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Larcopyle butschlii	93	32	128	98	102	32	68	77	34	96	94	34	9	0	0	0	51	43	26	0	0	0
Larcopyle sp. A	0	0	17	10	0	32	34	9	0	0	0	0	9	0	0	16	17	9	26	32	0	0
Larcospira minor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Larcospira quadrangula	0	0	17	0	0	0	0	9	0	0	9	0	0	0	0	0	0	0	0	0	0	0
Lithelius minor	140	32	60	118	205	32	0	51	0	128	85	43	9	8	0	8	26	17	17	32	9	0
Lithelius nautiloides	279	224	171	167	410	192	205	179	137	64	162	102	26	8	0	16	102	111	119	192	17	51
Larnacalpis sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	0	0	0	0	0	0
Octopyle stenozona	186	32	119	118	273	96	137	85	68	32	162	43	9	16	0	40	119	68	51	160	43	26
Otosphaera auriculata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0
Otosphaera polynorpha	0	0	17	30	0	0	0	0	0	0	9	0	0	0	0	0	9	17	0	0	0	0
Otosphaera tenuissima	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plegmosphaera entodictyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porodiscus micromma	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	8	0	0	0	0	0	0
Porodiscus sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pylospira octopyle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhizoplegma boreale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Siphonosphaera magnisphaera	0	0	0	0	0	0	0	9	0	0	0	9	0	0	0	0	0	9	9	0	0	0
Siphonosphaera martensi	0	0	0	0	34	0	0	0	0	0	0	0	0	8	0	0	0	0	9	0	0	0
Siphonosphaera socialis	0	0	9	0	0	0	34	9	34	32	0	9	0	0	0	8	26	17	0	0	0	0
Spongaster pentas	0	0	9	30	34	0	0	17	0	0	9	0	0	0	0	8	0	9	0	0	0	0
Spongaster tetras tetras	47	32	68	79	68	32	68	94	137	224	154	111	17	8	0	16	77	26	17	32	9	0
Spongodiscus bicoricarus	0	32	0	20	34	0	0	26	68	0	9	17	0	0	0	0	0	9	9	0	9	0
Spongodiscus sp. A	0	0	26	0	0	0	0	17	0	0	9	0	0	0	0	8	0	0	9	32	0	0
Spongodiscus spp. B group	233	0	102	158	205	96	0	188	68	0	171	111	0	8	0	32	128	51	34	96	34	0
Spongopyle osculosa	0	32	26	20	68	32	0	26	0	128	9	0	0	8	0	0	0	0	0	0	9	0
Spongosphaera polycantha	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongosphaera streptacantha	140	0	43	49	102	32	102	26	0	32	51	0	0	0	0	0	9	17	0	32	0	0
Spongotrochus glacialis	47	32	51	20	0	64	0	26	0	128	77	17	0	8	0	0	9	60	9	0	0	26
Spongotrochus sp. A	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongosphera sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongurus cylindricus	0	0	0	30	34	0	68	43	34	64	34	9	0	8	0	8	0	0	17	0	0	0
Spongurus sp.	0	0	43	17	0	0	0	51	0	34	17	17	0	0	0	0	17	17	17	0	0	0
Staurodictyo cruciata	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stylochlamydium venustum	0	64	51	59	68	0	137	34	34	96	154	94	26	32	0	0	51	26	43	32	0	26
Stylodictya aculeata	0	32	9	10	34	0	0	0	0	0	17	0	0	0	0	8	17	9	9	0	0	0
Stylodictya multispina	47	32	51	89	102	32	68	34	34	128	68	43	0	8	0	32	51	26	43	96	17	26
Stylodictya sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stylodictya sp. A	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stylodictya validispina	0	0	0	20	0	0	0	0	0	0	51	34	0	0	0	0	0	0	0	0	0	0
Stylosphaera melpomene	0	0	68	20	0	0	34	51	0	32	43	26	0	0	0	0	34	9	26	0	9	0
Styptosphaera sp. A	0	0	0	0	0	0	0	0	0	32	9	0	0	0	0	0	0	0	0	0	0	0
Styptosphaera spongiacea	93	192	188	177	137	128	171	230	68	256	119	85	0	16	0	8	51	77	26	160	9	26
Saturnalis circularis	0	32	0	0	0	32	0	17	0	32	17	9	0	0	0	0	0	0	9	0	0	0
Tetrapyle octacantha	512	416	777	729	1161	384	819	717	649	480	563	427	94	120	34	168	367	367	256	832	119	77
Thecosphaera inermis	0	0	43	39	0	0	34	17	0	0	26	9	0	0	0	8	0	17	17	0	0	0
Tholospira cervicornis group	512	608	640	670	1058	384	444	495	205	448	555	299	26	40	68	128	427	367	265	576	85	102
Tholospira group	279	160	154	108	171	192	102	128	102	64	94	77	9	8	0	48	145	111	51	96	26	26
Xiphosphaera gaea	0	0	0	0	0	0	34	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0
Xiphosphaera tesseractis	47	0	9	20	0	0	0	9	0	32	0	9	0	0	0	0	0	0	0	0	0	0
Xiphatractus pluto	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xiphatractus sp. B	0	0	0	0	0	0	0	0	34	0	0	9	9	0	0	0	0	0	9	0	0	0
Other Spumellaria	838	352	563	473	717	448	717	572	546	544	393	444	43	104	34	224	375	247	316	288	60	0

Open File Table 3. (cont.)

Phaeodaria (Site MT3 Deep trap)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Borgertella caudata	0	0	0	0	0	0	0	17	0	0	9	0	0	0	0	0	0	0	0	0	0	0
Castanella macropora	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Challengeron willemoesii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanella sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanella aculeata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanidium longispinum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conchellium capsula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Challengerosium aricularia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Challengeron tizardi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euphysetta elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euphysetta staurocodon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lirella melo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medustta ansata	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protocystis honjoi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protocystis sloggetti	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porospathis holostoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protocystis auriculata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Phaeodaria	0	0	0	0	0	0	34	9	0	32	0	0	0	0	0	0	0	0	0	0	0	0

Open File Table 3. (cont.)

Nassellaria (Site MT5 Deep trap)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Acanthocorys cf. *variabilis*	0	0	34	0	0	0	34	34	34	0	68	0	34	32	137	128	34	0	0	32	34	0
Acanthodesmia vinculata	0	32	171	79	102	0	205	34	102	224	102	102	307	192	171	64	205	0	102	64	34	0
Acrobotrys chelinobotrys	0	0	34	0	34	0	0	0	34	0	0	0	0	0	102	32	0	0	0	0	0	0
Acrobotrys teralans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0
Acrobotrys tessarolobon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Androspyris ramosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Androspyris huxleyi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anthocrytidium ophirense	0	64	34	0	0	0	34	68	137	128	137	68	137	128	205	96	137	34	34	0	68	34
Anthocrytidium zanguebaricum	43	0	0	0	68	0	68	0	0	0	0	34	34	64	34	64	0	34	0	0	0	34
Arachnocalpis ovatiretalis	0	0	0	0	34	0	68	34	34	32	0	0	0	64	0	32	34	34	0	0	0	0
Artobotrys borealis	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Artostrobus annulatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Botryocyrtis elongatum	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	68	0	0	0	0	0
Botryocyrtis scutum	0	0	0	39	0	0	68	0	0	32	68	0	137	0	137	96	0	34	0	0	34	68
Botryocyrtis sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	34	0	0	0
Botryostrobus aquilonaris	0	32	34	0	0	0	0	0	0	0	34	0	0	32	0	64	0	0	0	0	0	0
Callimitra annae	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callimitra emmae	0	0	0	79	0	0	0	0	0	0	0	0	0	96	68	0	34	0	0	0	0	34
Callimitra solocicribrata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callimitra sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cantharospyris platybursa	0	0	0	39	34	0	0	68	34	0	0	0	0	32	34	32	0	68	0	0	0	0
Carpocanarium papillosum	0	0	0	0	0	0	0	0	0	0	34	0	34	0	0	0	0	0	0	0	0	0
Carpocanistrum flosculum	0	0	34	158	0	0	205	171	0	224	171	171	171	224	307	256	68	102	34	64	34	34
Carpocanarium sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0
Centrobotrys thermophila	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladoscenium ancoratum	43	96	239	158	68	0	273	102	478	224	171	171	273	512	444	448	410	68	68	0	137	68
Clathrocanium coarctatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clathrocorys giltschii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	32	0	0	0	0	0	0
Clathrocorys murrayi	85	160	273	394	205	0	239	341	375	320	273	239	580	544	956	608	512	239	307	0	205	137
Clathrocyclas cassiopejae	0	32	0	0	0	0	34	0	34	0	0	0	34	0	0	32	68	0	0	0	0	0
Clathrocyclas monumentum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clathrocyclas sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conarachnium facetum	0	0	0	0	0	0	0	0	0	32	0	0	0	0	34	0	0	0	0	32	0	0
Conarachnium parabolicum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	34	0
Conarachnium polyacanthum	0	0	0	39	0	0	0	0	34	0	0	0	0	32	34	0	68	0	0	0	0	0
Corocalyptra cervus	0	0	68	0	0	0	68	0	0	0	34	0	34	64	171	160	102	34	68	0	68	68
Cornutella profunda	0	0	34	0	0	0	0	0	0	0	0	34	0	0	0	0	34	0	0	0	0	0
Cycladophora bicornis	43	0	68	118	102	0	68	171	239	256	102	34	273	64	102	128	171	34	68	0	68	0
Cycladophora davisiana cornutoia	0	32	34	0	0	0	0	0	34	0	34	0	0	0	34	64	34	0	0	0	34	0
Cyrtopera longuncula	0	32	0	0	0	0	0	0	0	32	0	0	0	0	34	32	34	0	0	0	0	0
Cytopera aglaolampa	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cephalospyris cancellata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyocodon elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyocodon palladius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyocodon sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dictyophimus butschlii	0	0	0	0	0	0	0	0	34	64	68	68	34	64	68	128	137	34	0	0	34	0
Dictyophimus crisiae	0	0	34	0	0	0	34	34	34	96	0	0	0	0	0	32	34	34	0	0	0	0
Dictyophimus hirundo group	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0
Dictyophimus infabricatus	0	128	34	39	34	0	68	0	68	0	68	0	34	32	68	192	68	34	68	0	34	0
Dictyophimus macropterus	0	0	0	0	0	0	0	0	0	0	0	0	34	32	0	0	0	34	0	0	0	0
Dictyophimus sp. B	43	32	0	118	34	0	205	68	137	160	0	34	0	0	0	128	0	0	0	0	0	0
Dictyospyris sp. group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucecryphalus europae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucecryphalus gegenbauri	0	32	0	39	0	0	68	34	34	96	68	34	68	32	273	96	68	34	0	0	0	34
Eucecryphalus sestrodiscus	43	32	34	79	68	0	34	171	137	224	102	102	273	192	341	128	102	34	137	0	34	34
Eucecryphalus tricostatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucrytidium anomalum	0	0	68	39	68	0	0	34	0	0	34	0	0	0	0	0	34	0	0	0	0	0
Eucyrtidium acuminatum	43	32	34	0	0	0	0	137	68	128	0	68	68	192	137	32	68	0	34	64	34	34
Eucyrtidium hexagonatum	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	32	68	0	0	0	0	0
Eucyrtidium hexastichum	43	96	0	0	68	0	34	34	0	0	0	0	0	0	34	0	0	0	0	0	0	34
Eucyrtidium spp. A group	43	0	0	0	0	0	34	34	34	0	68	0	68	0	68	0	0	0	34	0	0	0
Eucecryphalus clinatus	0	0	0	0	34	0	34	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0
Lamprocyclas m. maritalis	0	64	0	0	34	0	0	0	0	0	0	0	34	32	0	0	0	0	0	0	0	0
Lamprocyrtis nigriniae	0	0	0	39	0	0	34	0	0	0	0	0	0	32	0	0	34	0	0	0	0	0
Lampromitra cachoni	0	32	68	79	68	0	137	0	102	128	171	34	205	96	239	160	34	102	0	32	0	0
Lampromitra cracenta	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	32	0	0	0	0	0	0
Lampromitra schultzei	0	32	0	39	34	0	0	34	0	0	0	34	0	64	171	64	0	0	0	0	0	0
Lampromitra sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra sp. B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra sp. C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lampromitra spinosiretis	43	64	102	79	137	0	239	341	341	160	68	171	444	288	546	416	410	102	171	128	137	34
Lipmanella dictyoceras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0
Lipmanella virchowii	0	64	0	39	0	0	0	34	68	0	34	0	0	32	34	0	102	0	68	0	0	0
Liriospyris reticulata	0	0	68	0	0	0	68	0	0	32	68	0	34	0	68	0	34	0	34	0	0	0
Liriospyris thorax	43	32	0	39	0	0	0	34	34	0	0	0	34	0	68	32	102	68	0	32	0	0
Litharachnium eupilium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Litharachnium tentorium	85	0	0	118	34	0	102	68	102	128	34	68	102	96	239	160	137	0	68	64	0	68
Lithomelissa setosa	0	32	307	0	0	0	546	171	410	192	34	34	171	256	1843	960	444	102	68	64	68	0
Lithomelissa sp. B	0	32	0	0	0	0	102	0	0	0	0	0	68	32	34	32	0	0	0	0	0	0
Lithopera bacca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lithostrobus hexagonalis	0	0	0	0	0	0	0	0	0	0	34	0	0	0	34	0	0	0	0	0	0	0
Lophophaena cf. *capito*	0	0	34	39	68	0	239	102	171	192	341	137	239	416	546	448	205	102	102	32	0	102
Lophophaena cylindrica	43	224	307	236	341	0	1024	375	512	1024	580	478	887	1120	2833	1792	1058	410	614	288	171	205

Open File Table 3. (cont.)

Lophophaena decacantha group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	137	32	0	0	0	0	0	0
Lophophaena sp.	85	0	68	0	34	0	137	68	68	32	34	34	0	256	171	224	171	0	137	32	0	0
Lophophaena sp. B group	0	128	171	236	68	0	410	34	68	160	239	171	239	320	478	288	307	137	68	0	102	68
Lophophaena sp. C	0	0	0	0	0	0	34	0	0	32	34	68	0	0	239	32	34	0	0	32	0	0
Lophospyris juvenile form group	85	96	171	39	68	0	205	102	68	96	137	68	239	160	410	320	137	171	171	32	0	137
Lophospyris p. hyperborea	43	224	307	276	171	0	410	205	137	224	137	239	478	320	683	640	273	239	102	64	205	102
Lophospyris p. pentagona	0	96	68	118	68	0	273	102	239	256	171	171	273	192	717	416	307	137	102	0	102	102
Lophospyris p. quadriforis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	34	0	0	0	0
Neobotrys quadrituberasa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neosemantis distephanus	0	0	0	118	102	0	205	205	102	288	137	102	444	576	990	704	273	68	0	64	102	0
Nephrospyris renilla renilla	43	0	0	0	0	0	0	0	34	64	0	34	0	32	0	0	0	0	0	0	0	0
Peridium spinipes	43	96	137	118	307	0	649	68	239	288	205	68	410	384	614	480	375	137	205	32	34	34
Peridium sp. A	0	0	34	0	34	0	34	34	0	32	34	0	34	32	137	64	0	0	0	0	0	34
Peripyramis circumtexta	0	0	0	0	0	0	34	34	102	0	0	0	34	0	0	64	0	0	0	0	0	0
Peromellissa phalaera	43	0	68	118	0	0	171	137	171	128	68	68	171	96	546	224	137	34	68	32	0	0
Phormacantha hystrix	171	160	137	276	102	0	580	102	239	96	137	102	307	416	1058	416	239	102	68	0	68	137
Phormospyris stabilis capoi	0	32	0	0	0	0	0	34	34	0	34	0	68	0	34	64	0	0	0	0	34	0
Phormospyris stabilis scaphipes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phormospyris stabilis stabilis	0	0	0	0	0	0	0	0	68	0	0	0	0	0	0	0	0	34	0	0	34	0
Phormostichoartus corbula	0	0	0	0	0	0	0	0	0	0	34	0	0	32	0	0	34	0	0	0	0	0
Plectacantha sp.	0	0	34	39	34	0	68	0	34	0	34	0	137	64	171	192	0	68	0	0	0	0
Pseudocubus obeliscus	43	160	137	197	273	0	1058	478	580	384	649	341	546	832	1946	1280	307	137	205	32	102	68
Pseudodictyophimus gracilipes	85	96	273	236	341	0	375	205	239	448	444	273	614	544	1263	864	546	341	205	32	102	68
Pterocanium grandiporus	0	0	0	0	68	0	34	0	0	0	0	0	0	32	0	64	0	0	34	0	0	0
Pterocanium p. praetextum	0	96	0	39	0	0	137	171	102	64	102	0	34	64	137	224	137	0	34	32	34	34
Pterocanium p. eucolpum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pterocanium trilobum	0	0	0	39	0	0	0	0	0	0	34	0	34	0	0	64	0	0	0	0	0	0
Pterocanium sp.	0	32	68	0	102	0	68	68	68	32	102	34	68	96	34	0	0	34	0	0	0	0
Pterocorys campanula	43	96	205	197	137	0	307	205	239	256	273	273	341	512	819	384	444	102	239	32	68	0
Pterocorys zancleus	0	64	34	39	68	0	102	68	34	32	68	0	34	0	171	96	34	102	0	64	0	0
Verticillata hexacantha	43	64	0	39	68	0	34	0	34	96	68	0	34	32	137	96	137	34	68	0	0	34
Saccospyris preantarctica	0	0	0	0	0	0	34	0	0	0	0	34	0	0	0	0	34	0	0	0	0	0
Semantis gracilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sithocampe arachnea	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spirocyrtis scalaris	128	32	68	39	102	0	102	137	137	160	137	34	205	544	580	448	137	102	34	0	102	137
Spirocyrtis sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spirocyrtis subscalaris	0	32	0	39	0	0	0	0	0	0	0	0	34	0	102	128	0	34	34	0	0	0
Stichopilidium kruegeri	0	0	34	0	0	0	34	0	34	0	0	0	0	0	0	32	0	0	0	32	0	0
Stichopilium bicorne	43	64	102	79	34	0	0	34	0	0	68	34	34	96	68	160	68	0	0	0	34	34
Tetraphormis dodecaster	0	0	68	79	0	0	68	0	34	32	34	34	34	96	137	64	68	0	0	0	0	0
Tetraphormis rotula	0	96	34	39	0	0	34	0	68	96	0	68	68	64	273	128	68	34	0	64	68	0
Tetraplecta pinigera	0	32	34	118	34	0	34	34	34	32	0	102	68	96	68	0	0	0	34	0	0	0
Theocorys veneris	0	0	34	39	0	0	34	0	0	0	0	0	34	32	102	32	0	0	0	0	0	0
Theocorythium trachelium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0
Theophormis callipilium	0	0	0	0	0	0	0	0	0	0	34	0	0	32	34	32	34	34	0	0	0	0
Tholospyris baconiana	0	0	0	0	68	0	68	0	0	96	34	34	0	32	102	32	68	0	0	0	0	0
Tholospyris sp. group	0	32	34	158	34	0	137	34	0	32	0	34	34	128	68	96	68	0	0	32	0	0
Triacartus undulatum	0	32	0	0	0	0	0	0	0	0	0	0	0	0	34	0	34	0	0	0	0	0
Zygocircus productus	43	0	34	39	102	0	137	0	137	160	102	68	410	32	444	320	171	102	0	0	0	0
Zygocircus sp. *piscicaudatus*	0	32	0	0	102	0	102	137	0	32	0	102	68	0	102	32	34	0	68	0	0	0
Other Nassellaria	171	320	580	709	785	0	1297	444	649	736	819	785	853	1088	2253	1952	1161	580	512	224	239	171

Spumellaria (Site MT5 Deep trap	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Acanthosphaera actinota	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acanthosphaera tenuissima	43	32	102	79	68	0	34	0	0	32	68	34	273	160	205	192	102	34	102	0	68	0
Acanthosphaera castanea	0	0	0	0	0	0	34	0	34	32	0	0	0	0	0	32	0	0	0	0	0	0
Acanthosphaera tunis	0	0	0	0	68	0	34	34	0	0	0	0	0	0	102	64	0	0	0	0	0	0
Acrosphaera cyrtodon	0	0	0	39	0	0	34	0	34	32	0	34	34	32	34	32	0	0	0	0	0	34
Acrosphaera spinosa	0	0	0	0	0	0	102	0	68	0	34	0	68	96	68	64	34	0	0	0	0	0
Actinomma arcadophorum	0	32	68	0	137	0	0	0	102	64	102	34	68	96	102	96	137	68	68	0	0	34
Actinomma medianum	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0
Actinomma sp.	0	32	0	39	68	0	102	171	68	32	34	34	34	128	137	64	68	0	68	0	0	0
Actinosphaera capillacea	0	0	68	39	0	0	102	0	0	0	34	0	68	96	102	0	34	68	0	0	34	0
Actinosphaera tenella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	0	0	0	0	0	0
Amphirhopalum ypsilon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arachnosphaera myriacantha	43	96	68	79	68	0	102	68	102	0	68	34	34	128	444	192	68	0	0	0	0	0
Astrosphaera hexagonalis	0	0	68	39	0	0	137	0	0	0	34	0	0	64	102	32	0	34	34	0	0	0
Axoprunum stauraxonium	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	34	34	0	0	0	0
Carposphaera sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centrocubus octostylus	0	0	0	0	0	0	0	34	0	32	0	0	0	0	0	0	0	0	34	0	0	0
Centrolonche hexalonche	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Circodiscus microporus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Circodiscus spp. group	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladococcus abietinus	0	32	0	79	0	0	0	0	0	0	0	0	34	0	0	32	0	0	0	0	34	34
Cladococcus cervicornis	43	0	0	0	0	0	68	34	0	0	34	0	0	0	171	32	34	34	68	32	34	0
Cladococcus scoparius	0	64	68	79	0	0	273	0	102	160	0	34	171	64	102	224	137	34	0	0	0	0
Cladococcus sp.	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0
Cladococcus viminalis	0	0	0	0	137	0	68	0	34	32	0	0	34	32	34	64	68	0	0	0	34	0
Collosphaera huxleyi	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	34
Collosphaera macropora	0	32	34	0	0	0	0	0	0	0	0	0	34	32	0	64	68	0	0	0	68	0
Collosphaera tuberosa	0	0	34	39	0	0	0	102	68	0	68	34	205	224	341	320	205	68	0	96	68	0
Cromyechinus borealis	0	32	0	0	0	0	0	0	68	0	0	0	68	32	0	32	0	0	0	0	0	0
Cromyomma villosum	0	0	0	0	0	0	0	34	0	0	34	0	0	0	0	0	0	34	0	0	0	0
Dictyocoryne juvenile group	0	64	137	0	137	0	171	137	205	192	171	68	375	192	68	96	102	0	137	32	34	0

Open File Table 3. (cont.)

Dictyocoryne profunda	43	128	137	158	307	0	478	68	239	320	171	0	375	192	205	320	171	68	102	96	68	34
Dictyocoryne truncatum	43	0	68	79	0	0	34	68	137	0	0	0	68	64	68	32	0	0	34	0	68	0
Didymocyrtis t. tetrathalamus	85	384	171	276	273	0	307	102	273	256	273	171	546	192	307	384	273	137	137	0	34	34
Disolenia collina	0	0	0	0	0	0	0	0	0	0	0	0	34	0	34	32	68	68	0	0	34	0
Disolenia quadrata	0	0	0	0	34	0	0	0	0	64	0	34	34	64	0	160	34	0	34	0	34	34
Disolenia sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Disolenia zanguebarica	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	32	34	0	0	0	0	0
Dorydruppa bensoni	43	32	0	39	0	0	34	0	0	0	0	34	0	64	68	64	34	34	34	0	0	0
Druppatractus ostracion group	0	0	0	0	0	0	0	0	0	0	0	0	34	0	34	0	68	34	0	0	0	0
Elatomma penicillus	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0
Euchitonia cf. *furcata*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euchitonia elegans	0	64	137	158	205	0	34	34	34	32	137	102	102	128	68	160	0	34	34	0	68	34
Euchitonia sp.	0	64	34	79	68	0	68	68	0	0	34	68	34	96	68	96	34	68	34	0	0	68
Ellipsoxiphium palliatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0
Haeckeliella macrodoras	0	0	0	0	34	0	34	34	0	0	0	0	0	0	34	32	0	0	34	0	0	0
Haliomma castanea	0	0	34	0	0	0	34	0	34	0	68	0	68	64	102	64	68	0	34	0	0	0
Haliomma sp. B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heliodiscus asteriscus	0	0	0	0	68	0	0	34	68	32	34	0	0	64	68	0	34	0	0	0	0	0
Heliodiscus echiniscus	0	32	34	0	0	0	0	0	0	0	34	34	34	32	0	0	0	34	0	0	0	0
Hexacontium axotrias	0	64	34	79	34	0	137	68	0	0	68	0	137	32	102	128	102	0	0	0	0	0
Hexacontium hostile	43	96	102	0	68	0	68	34	34	128	34	102	34	160	205	192	68	68	34	32	102	34
Hexacontium sp.	0	64	0	0	0	0	34	0	0	128	68	102	0	128	102	96	34	0	34	32	34	34
Hexacromyum elegans	0	0	0	39	68	0	0	0	0	0	68	34	0	0	34	64	0	34	34	0	0	0
Hexalonche amphisiphon	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	34	34	0	0	0	34
Hexalonche sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexalonche sp. C	0	0	68	79	102	0	137	137	34	96	68	137	205	224	307	480	137	34	34	0	34	0
Hexalonche sp. B	0	32	34	79	34	0	34	102	137	32	68	68	102	128	273	192	68	34	0	0	0	0
Hexapyle sp.	43	64	34	39	0	0	0	68	68	32	68	0	0	0	137	32	34	68	68	0	68	34
Hexastylus triaxonius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexastylus sp.	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	32	0	0	0	0	0	0
Hexatromyum elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heterosphaera sp. B	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0
Larcopyle butschlii	43	224	68	394	137	0	239	341	137	288	102	68	546	320	478	640	239	171	137	64	0	68
Larcopyle sp. A	0	0	0	0	34	0	68	0	34	0	34	0	34	32	171	32	34	34	0	0	0	0
Larcospira minor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Larcospira quqdrangula	0	0	0	79	34	0	34	34	68	32	0	0	34	0	34	64	0	0	34	0	34	0
Lithelius minor	43	128	34	39	137	0	239	171	102	192	205	137	307	96	171	96	34	34	34	0	68	68
Lithelius nautiloides	0	160	205	236	137	0	205	171	205	288	205	102	307	416	819	448	239	68	205	32	137	0
Larnacalpis sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	171	0	0
Octopyle stenozona	85	96	68	158	205	0	478	444	171	256	341	341	478	544	1297	736	922	239	444	160	102	68
Otosphaera auriculatr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34
Otosphaera polynorpha	0	0	34	0	0	0	0	68	34	0	0	34	0	0	102	96	102	0	0	0	0	0
Otosphaera tenuissima	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	32	0	0
Plegmosphaera entodictyon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porodiscus micromma	0	0	0	39	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porodiscus sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pylospira octopyle	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhizoplegma boreale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Siphonosphaera magnisphaera	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0
Siphonosphaera martensi	0	0	0	0	34	0	0	102	0	32	0	34	34	0	68	64	68	0	0	0	0	0
Siphonosphaera socialis	0	0	0	79	34	0	34	0	34	32	0	34	34	0	34	0	0	0	34	0	34	0
Spongaster pentas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0
Spongaster tetras tetras	43	128	137	118	171	0	68	0	102	160	102	68	102	160	205	256	102	137	137	0	102	102
Spongodiscus bicoricarus	0	0	0	39	0	0	34	34	0	0	34	0	34	32	34	32	34	34	0	32	34	0
Spongodiscus sp. A	0	32	0	0	34	0	0	34	0	32	0	34	0	32	0	32	0	0	0	0	0	0
Spongodiscus spp. B group	43	224	171	158	0	0	478	171	205	160	307	137	273	224	410	576	341	68	137	32	0	102
Spongopyle oculosa	0	0	102	79	34	0	34	34	34	32	0	0	171	64	68	32	34	68	34	128	137	0
Spongosphaera polycantha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongosphaera streptacantha	0	64	34	158	34	0	171	34	137	32	102	34	102	192	273	224	68	102	34	0	34	34
Spongotrochus glaciaris	43	32	34	197	68	0	68	205	205	192	205	68	273	224	410	288	239	205	102	0	34	34
Spongotrochus sp. A	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongosphera sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spongurus cylindricus	43	0	34	79	34	0	68	0	0	0	102	0	137	128	102	64	34	0	34	0	0	0
Spongurus sp.	0	68	34	0	0	0	68	68	34	137	34	0	34	137	137	171	68	0	0	0	0	0
Staurodictyo cruciata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stylochlamydium venustum	85	288	307	354	171	0	410	239	512	832	444	239	751	608	785	576	478	171	137	160	102	102
Stylodictya aculeata	0	32	0	118	34	0	0	68	0	32	68	0	0	32	34	0	0	0	0	64	0	0
Stylodictya multispina	0	160	34	79	34	0	102	137	171	160	137	102	205	160	273	288	205	205	68	160	34	0
Stylodictya sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stylodictya sp. A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stylodictya validispina	0	128	0	79	68	0	137	205	341	192	239	102	171	160	341	192	102	34	102	96	137	34
Stylosphaera melpomene	0	96	68	118	68	0	0	102	137	0	34	68	68	160	68	128	0	34	34	32	0	34
Styptosphaera sp. A	0	0	0	0	0	0	34	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Styptosphaera spongiacea	85	128	205	433	137	0	375	205	410	160	273	171	546	512	683	544	341	68	171	32	34	171
Saturnalis circularis	0	0	0	79	0	0	0	0	34	32	68	0	34	32	34	32	34	0	0	0	0	34
Tetrapyle octacantha	43	544	375	945	546	0	922	341	751	992	614	205	1161	672	1775	1600	990	375	444	128	273	341
Thecosphaera inermis	43	32	0	0	68	0	0	34	0	64	68	34	68	64	68	32	68	0	34	0	0	0
Tholospira cervicornis group	213	416	580	748	410	0	1092	341	683	896	956	410	1263	1216	1673	1408	819	375	546	256	102	375
Tholospira group	0	0	0	236	68	0	137	137	273	160	102	137	273	288	683	512	341	34	68	32	34	68
Xiphosphaera gaea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xiphosphaera tesseractis	43	0	0	0	102	0	34	0	34	0	34	0	0	0	68	0	0	0	0	32	0	0
Xiphatractus pluto	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xiphatractus sp. B	43	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0
Other Spumellaria	85	608	887	670	819	0	1024	649	717	704	444	478	990	768	2355	1280	819	444	512	256	478	239

Open File Table 3. (cont.)

Phaeodaria (Site MT5 Deep trap)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20	#21	#22
Borgertella caudata	0	32	0	0	0	0	34	0	0	0	0	0	0	32	34	32	0	0	34	0	0	0
Castanella macropora	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Challengeron willemoesii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Castanella sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0
Castanella aculeata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0
Castanidium longispinum	0	0	0	0	0	0	0	0	0	32	0	0	34	96	171	64	0	0	0	32	0	0
Conchellium capsula	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0
Challengerosium aricularia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0
Challengeron tizardi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	137	0	0	0	0	0	0	0
Euphysetta elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	32	137	32	0	0	0	0	0	0
Euphysetta staurocodon	0	0	0	0	0	0	0	0	0	0	0	0	0	32	68	32	0	0	0	0	0	0
Lirella melo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medustta ansata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0
Protocystis honjoi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protocystis sloggetti	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porospathis holostoma	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0
Protocystis auriculata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Phaeodaria	0	0	0	0	0	0	0	0	0	0	34	0	0	0	34	0	0	0	0	0	0	0
Total Radiolaria	3157	8612	10138	12997	10650	0	21163	11844	15428	16393	14677	9830	23074	22921	44544	32971	20241	8670	9250	3979	5530	4574