

Taxa	St.1B	St.2A	St.2B	St.3A	St.3B	St.4A	St.4B
Abatus cavernosus	0	0	0	0	0	0	0
Abeoformidae Group MAIP 2	2	17	0	1	0	9	2
Abeoformidae Group MAIP 2	0	0	0	1	6	2	2
Abeoformidae Group MAIP 2	3	9	2	3	11	6	4
Abra nitida	0	0	52	0	0	0	0
Acanthamoeba	7	17	0	19	0	0	0
Acanthoecida	25	0	0	0	5	0	81
Acanthoecidae Group G	0	0	12	0	0	0	27
Acarothrix	49	286	1231	5840	22303	4	1
Acrochaete repens	3	13	0	32	18	0	0
Acrosiphonia	0	0	0	1	0	0	0
Actiniaria	0	0	0	0	0	0	0
Actinocephalidae	89	89	59	0	18	67	134
Aduncodinium	17	0	0	338	23	11	25
Agamococcidiorida	26	40	11	4	3	2	249
Agaricales	75	402	298	226	149	125	115
Agaricomycetes	35	238	162	50	145	29	111
Alexandrium	0	0	0	22	256	0	0
Alexandrium andersonii	9	0	0	0	0	10	33
Alexandrium fundyense	1362	0	0	267	565	0	0
Alexandrium minutum	93	184	238	488	280	280	269
Alexandrium ostenfeldii	197	101	66	0	133	31	49
Alexandrium tamarense	30	14	179	1312	643	463	141
Alexandrium tamutum	7	0	0	25	208	0	0
Alveolata	7664	1609	1194	2615	4643	2348	1759
Alveolata XXXX	49	0	0	38	52	76	17
Alveolata XXXXX	33	0	0	35	526	291	535
Ameira scotti	0	0	0	40	41	0	0
Amorphea	1982	3346	2755	606	652	614	593
Amphidinium	999	980	353	163	152	15	325
Amphisiella	0	0	10	0	0	0	0
Amphora	1	0	0	9	4	12	3
Amphora sp. genus incertae	32	44	17	10	4	9	134
Annelida	0	0	0	0	0	0	0
Ansanella granifera	45	46	37	5	39	56	75
Anthoathecata	1313	0	147	4	0	0	0
Anurofeca	6	63	78	37	21	27	25
Apedinella	0	0	42	0	0	0	0
Apedinella radians	1084	2733	4147	1078	898	2688	1764
Aphelida	306	561	1184	374	518	986	458
Apicomplexa	579	282	464	1265	1996	527	876
Apiotrichum dulcitum	0	73	0	0	12	24	7
Apiotrichum porosum	8	0	99	5	0	2	17
Aplanochytrium	238	497	650	156	73	7	182
Apusomonadidae	1153	64	147	130	417	254	557
Apusomonadidae Group-1 X	0	0	43	0	0	3	22
Apusomonadidae order ince	264	213	187	601	720	327	615

Taxa	St.1B	St.2A	St.2B	St.3A	St.3B	St.4A	St.4B
Apusozoa	0	0	0	0	0	0	20
Araeolaimida	0	0	15	76	318	0	0
Araphid-pennate	11300	23603	26503	28719	34209	59443	74040
Archaeorhizomyces	0	0	24	0	17	42	7
Archaeoperidinium	393	43	202	68	390	584	516
Archaphanostoma agile	52	0	0	0	0	0	0
Arthopyrenia salicis	0	0	0	9	24	0	0
Arthropoda	0	0	0	38	7	0	0
Ascidiidae	1084	465	320	230	197	180	109
Ascomycota	793	4991	7229	1619	1310	1001	991
Askenasia	138	4	36	102	117	18	50
Aspergillus	10	0	33	14	37	9	9
Aspidiophorus	48	0	0	0	0	0	0
Aspidiophorus tentaculatus	569	0	0	0	40	0	0
Atkinsiella	0	28	7	2	0	0	0
Atkinsiella dubia	27	7	0	7	27	65	0
Attheya	65	0	0	0	0	0	28
Aurelia	0	0	11	0	0	0	0
Aureoumbra	1	88	20	0	2	0	17
Axonolaimidae	75	59	55	465	49	100	146
Azadinium	41	0	0	10	8	0	0
Bacillariophyta	15474	7898	5332	3729	2459	7717	44809
Basidiomycota	98	105	153	68	69	57	38
Bathylaimus	93	0	2	4580	26716	1	0
Bicoecaceae X	0	46	0	0	0	0	0
Bicoecea	0	0	0	0	0	1	31
Bicoecea X	33	0	14	0	0	2	0
Bicoecea XXX	153	51	5	9	0	0	24
Biecheleria	1308	313	553	1475	1804	3317	1725
Bivalvulida	3	0	0	2	1	29	8
Bolbocoleon piliferum	0	0	48	39	22	0	0
Boletales	13	102	107	36	9	11	8
Bonnemaisonia hamifera	0	0	0	0	0	0	0
Borghiella	0	0	268	0	58	0	0
Botryllus	0	0	49	13	0	0	0
Botuliformidae	375	86	36	33	261	66	36
Breviatea XX	2	9	9	15	10	3	4
Braarudosphaeraceae	63	58	295	382	341	141	91
Braarudosphaeraceae X	18	0	17	33	6	0	33
Bysoascus striatosporus	6	0	105	0	0	12	0
Bythoceratina hanejiensis	0	0	0	0	0	0	0
Caenogastropoda	0	4	13	0	28	6	2
Calanoida	0	0	0	0	0	0	0
Calcarea	0	0	0	0	84	0	0
Calomicrolaimus parahones	1046	518	166	3575	1531	1411	615
Candida	0	37	10	7	29	32	15
Capitellida	990	14	22	1262	903	39	7

Taxa	St.1B	St.2A	St.2B	St.3A	St.3B	St.4A	St.4B
Capnodiales	23	44	93	31	37	126	118
Capsosiphon groenlandicus	0	30	19	8	2	0	0
Caulleriella	0	0	0	0	0	0	0
CCW10-lineage	31	0	0	0	53	81	53
CCW10-lineage X	166	39	131	437	387	136	902
Centramoebida	1	0	0	0	0	12	71
Centropages hamatus	3358	1	124	2167	117	711	8639
Cephalothecaceae (Sordaria	4	0	16	25	9	22	25
Cephalothrix filiformis	0	0	10	0	0	9	33
Cephalothrix rufifrons	0	18	24	0	15	17	12
Cercomonadida	24	203	371	38	103	5	22
Cercozoa	793	1882	1628	1049	1185	1168	1808
Cercozoa X	1268	270	368	295	789	381	717
Cercozoa XX	210	59	181	696	720	1493	1503
Cercozoa XXX	2	158	38	0	10	0	17
Cercozoa XXXX	78	131	77	118	37	110	135
Chaetoceros	11035	3772	3642	2096	2390	5639	3066
Chaetoceros affinis	2	0	0	10	0	0	10
Chaetoceros curvisetus 1	77	0	0	72	61	13	54
Chaetoceros debilis 1	528	17	0	10	15	80	417
Chaetoceros decipiens	18	21	89	17	9	68	35
Chaetoceros decipiens genus	37	73	121	42	23	76	18
Chaetoceros sp. genus incer	16	0	13	0	0	0	7
Chaetomiaceae	456	2867	4894	736	715	286	280
Chaetomium	2	0	50	0	0	31	0
Chaetonotida	553	149	390	434	0	0	1290
Chaetonotidae	266	113	0	0	135	14	1103
Chaetothyriales	11	32	35	28	27	50	59
Chlamydomonadales	474	2003	3133	1004	1314	1699	2667
Chlamydomonadales XX sp.	69	170	254	91	264	82	82
Chlorellales	2794	5760	6311	1570	1185	2436	1882
Chlorodendraceae	304	869	956	211	378	448	743
Chlorodendrales XX	5	36	9	2	44	35	88
Chloroidium	45	86	32	45	3	0	3
Chloroparvula pacifica	0	0	2	12	0	0	0
Chlorophyceae	0	0	0	56	14	0	0
Chlorophyta	3169	18599	23592	7705	8419	13292	15452
Chlorophyta XXXX	13	18	21	0	0	0	18
Chloroplastida	38	589	306	4	0	14	13
Choanoflagellatea	463	1553	1021	199	57	84	207
Choreotrichida	82	49	132	366	387	25	45
Chromadorea	0	50	163	515	6	0	0
Chromadorida	15879	7051	9966	10397	5718	2713	2986
Chromadoridae	847	0	0	18	178	0	0
Chromadorita	2955	0	0	3910	558	0	0
Chromera	0	0	0	0	4	43	0
Chromeraceae	72	157	199	5	12	275	187

Taxa	St.1B	St.2A	St.2B	St.3A	St.3B	St.4A	St.4B
Chrysocampanula spinifera	187	0	0	8	38	18	6
Chrysomerophyceae	20	4	55	6	0	23	9
Chrysomerophyceae X	70	119	270	124	134	191	257
Chrysomerophyceae XX	52	1258	843	90	93	95	83
Chrysophyceae Clade-C	3	21	0	7	0	0	8
Chrysophyceae Clade-C X	0	0	0	0	0	0	0
Chrysophyceae Clade-D X	26	0	147	29	0	13	53
Chrysophyceae Clade-E X	0	0	0	0	0	28	7
Chrysophyceae Clade-F	34	49	0	34	0	0	4
Chrysophyceae Clade-F X	287	0	0	0	0	0	0
Chrysophyceae Clade-H X	73	189	170	68	34	76	67
Chrysophyceae X	141	235	246	73	130	219	285
Chrysophyceae XXX	10	53	92	49	28	43	22
Chytridiaceae	186	815	592	501	309	111	67
Chytridiales	28	336	267	0	57	15	26
Chytridiomycetes	426	3152	2877	491	377	286	267
Chytridiomycota	7	0	0	9	13	87	71
Chytridium	60	541	346	0	5	6	21
Chytridium polysiphoniae	24	0	13	0	24	0	8
Cicerinidae	0	0	0	0	51	0	0
Ciliophora	29	0	0	9	8	0	22
Cirratulidae	3	0	0	10	5157	1	0
Cladonema californicum	0	484	275	23	0	0	0
Cladophorales X	27	191	1289	1339	520	16	397
Cocciomorphea	294	149	75	1619	661	254	344
Cocconeis	8	0	0	0	8	0	65
Colaonematales X	14	0	0	0	2	76	0
Colpodella	3	23	62	43	61	1896	10
Colpodellaceae	35	231	145	137	27	206	126
Colpodellida	386	1574	5000	1068	2181	1038	1287
Colpodellidae2	22	47	20	0	0	32	29
Colpodellidea	238	134	119	33	11	149	222
Colponemea	38	0	8	0	0	13	22
Colponemida	0	35	0	0	13	0	0
CONTH 6 XXX	35	0	0	13	22	0	7
CONThreep X	16	22	5	0	0	0	0
Corallinales	4	0	0	14	77	17	22
Cordycipitaceae	19	27	61	57	12	32	25
Corella inflata	50	0	20	2	0	0	5
Coriolaceae	0	0	41	0	0	0	0
Craspedida	39	100	0	9	0	0	63
Creolimax	0	10	64	0	0	0	9
Creolimax fragrantissima	39	13	0	6	457	1036	2050
Crustomastigaceae	43	24	2	41	33	36	108
Crustomastigaceae-AB	39	0	8	39	60	72	210
Crustomastigaceae-C	28	15	20	56	23	81	40
Crustomastix	10	0	21	15	27	15	17

Taxa	St.1B	St.2A	St.2B	St.3A	St.3B	St.4A	St.4B
Cryomonadida	3305	3059	1752	1115	2219	1920	1521
Cryomonadida X	41	13	323	182	98	211	574
Cryomonadida XX	233	186	182	284	309	251	752
Cryothecomonas	3121	1761	1955	2824	6397	9279	6774
Cryothecomonas aestivalis	3	0	0	8	21	0	22
Crypthecodiniaceae	0	51	36	0	0	0	0
Crypthecodinium	0	16	39	3	0	15	0
Cryptofilida	18	12	63	5	0	7	66
Cryptomycota	149	218	370	157	861	256	523
Cryptosporidium1	7	0	0	0	7	2	0
Cunninghamellaceae	6	0	15	9	14	26	47
Cyatholaimidae	0	0	0	32	0	0	0
Cyberlindnera-Candida clade	0	21	67	23	13	8	12
Cyclidium	4	42	0	0	0	0	0
Cyclopoida	0	20	0	0	7	0	0
Cyclotrichium	0	0	0	9	0	2	0
Cymatosira belgica	495	2358	1890	955	683	772	1831
Cyphoderia	33	0	0	0	7	40	41
Cythere lutea	0	0	0	0	0	0	0
Cytheromorpha acupunctata	7972	2	0	4898	14810	4244	11756
Dacrymycetaceae	0	68	0	0	0	5	24
Dactyliosolen blavyanus gen	16	38	0	12	34	73	13
Dactylodinium	1483	994	702	1831	2250	1587	1197
Dactylopodida	5	19	27	0	0	0	4
Desmodora ovigera	0	0	0	220	806	0	44
Desmodorida	630	1429	1317	154	812	92	136
Desmodoridae	527	0	0	2	326	0	0
Desmoscolecida	0	0	0	164	194	212	0
Desmoscolecidae	0	0	0	0	0	0	0
Diacronema	25	193	147	131	121	132	89
Diaporthales	10	0	28	0	0	0	8
Dictyochloropsis	0	0	0	0	0	0	44
Dictyochloropsis symbiontica	35	42	95	46	36	66	29
Dictyochophyceae	0	0	0	0	21	0	23
Didiniidae	31	0	121	244	692	0	1
Difficilina	85	9	6	22	46	103315	189
Dileptidae	0	0	0	569	0	0	0
Dimeregramma	54	0	0	25	7	47	140
Dino-Group-I	629	446	372	292	247	80	131
Dino-Group-I-Clade-1	2262	8115	4455	2596	457	1016	351
Dino-Group-I-Clade-2 X	0	0	0	0	0	12	59
Dino-Group-I-Clade-3 X	16	48	0	4	0	0	0
Dino-Group-I-Clade-4 X	1660	732	810	264	645	1129	1904
Dino-Group-I-Clade-4 X sp.L	64302	10479	9976	7512	9014	5043	7508
Dino-Group-II	55	40	30	19	97	61	54
Dino-Group-II X	9	0	22	0	5	11	11
Dino-Group-II XX	0	0	0	0	0	0	0

Taxa	St.1B	St.2A	St.2B	St.3A	St.3B	St.4A	St.4B
Dino-Group-II XX sp	27	392	244	54	84	44	21
Dino-Group-II-Clade-1	13	12	6	76	85	57	16
Dino-Group-II-Clade-10-and-	176	75	57	61	31	1	12
Dino-Group-II-Clade-10-and-	0	0	0	0	68	17	51
Dino-Group-II-Clade-14	16	0	14	20	7	5	40
Dino-Group-II-Clade-15	0	0	0	0	0	0	0
Dino-Group-II-Clade-16	0	0	0	0	0	27	0
Dino-Group-II-Clade-16 X	0	0	0	0	0	43	0
Dino-Group-II-Clade-2	28	0	29	5	17	54	7
Dino-Group-II-Clade-23	1	4	6	0	0	1	9
Dino-Group-II-Clade-3 X	71	0	17	74	56	38	9
Dino-Group-II-Clade-30	2	15	0	3	0	0	10
Dino-Group-II-Clade-32	15	0	0	1	21	0	6
Dino-Group-II-Clade-33	5	19	0	0	0	1	0
Dino-Group-II-Clade-46 X	0	0	0	0	34	0	0
Dino-Group-II-Clade-8	1	63	0	25	0	0	0
Dino-Group-II-Clade-9	4	0	22	0	0	0	0
Dino-Group-IV	16	77	36	19	18	46	40
Dinoflagellata	2321	2501	2118	1574	1360	1447	2152
Dinophyceae	20058	22470	24488	22918	35604	24902	15898
Dinophyceae X	1004	6633	1108	410	165	403	517
Dinophyceae XX	559	913	1194	107	196	146	110
Dinophyceae XXX	8770	1976	2135	1658	2157	1172	1909
Diversisporales	0	0	0	0	0	0	9
Dixoniella grisea	0	53	0	0	0	0	0
Dolichomastigaceae	172	223	57	50	146	112	332
Dolichomastigaceae-B	70	52	40	21	54	35	43
Dolichomastigales	9	0	0	30	18	18	49
Dolichomastix	40	33	38	2	73	72	99
Drechmeria coniospora	1	0	25	0	0	0	0
Durinskia	0	0	0	0	0	0	0
Ebria tripartita	446	123	160	610	677	480	296
Effrenium	126	1060	1497	507	329	1144	480
Elliptochloris	2	112	9	13	42	10	16
Endogone	10	50	23	6	0	9	0
Endomyxa	407	2858	2862	1092	1330	1307	979
Endomyxa-Phytomyxea	38	813	2839	72	142	119	60
Enoplea	0	0	0	285	2859	0	0
Enoplida	0	2615	11772	27	382	215	0
Enoploides	0	0	0	14	738	0	0
Enoplolaimus	0	360	613	0	0	0	0
environmental samples (Api	16	0	0	0	36	73	110
Eocercomonas	0	32	12	0	0	0	7
Eteone	0	0	1	0	0	0	0
Euduboscquella	133	155	123	37	77	122	112
Euglyphida	7278	2217	2668	1295	5198	2926	2912
Euglyphida X	5	0	10	8	24	42	19

Taxa	St.1B	St.2A	St.2B	St.3A	St.3B	St.4A	St.4B
Euglyphida XX	183	13	0	0	1	0	12
Eugregarinorida	2004	4393	3344	11033	7697	9135	23967
Eugregarinorida EUG2	0	0	0	8	0	0	0
Eugregarinorida EUG2 X	38	0	0	52	0	0	34
Eukaryota	4692	9792	10394	4777	4315	1910	3333
Eunicida	0	0	0	61	0	0	0
Eurotiales	105	554	702	252	427	226	235
Eurychasma dicksonii	0	0	2	8	6	0	4
Euthyneura family incertae s	0	0	0	0	0	0	0
Eutintinnidae X	35	0	19	4	107	44	78
Exanthemachrysis	72	741	505	47	33	305	60
Extubocellulus cribriger	279	1025	1147	447	293	485	996
Extubocellulus cribriger genu	5	13	0	10	0	0	1
Fabriciola	2	24	3	26	17	5	25
Fallacia monoculata	34	0	0	17	2	30	35
Fallacia monoculata genus i	4	0	0	0	0	0	29
Fereydouniaceae	5	0	16	0	0	6	0
Fibrocapsa japonica	14	0	0	0	0	0	0
Filobasidiaceae	7	0	27	0	0	0	34
Filosa X	25	0	0	0	13	16	0
Filosa-Granofilosea	59	92	54	0	25	19	35
Filosa-Granofilosea X	0	0	63	5	0	0	0
Filosa-Imbricatea	2	0	28	0	132	18	51
Filosa-Imbricatea X	3108	1085	925	561	949	920	1074
Filosa-Imbricatea XXX	190	163	105	191	254	261	388
Filosa-Sarcomonadea	17	59	19	1	120	20	33
Filosa-Sarcomonadea X	42	0	0	8	13	0	14
Filosa-Thecofilosea	321	205	3362	158	584	737	393
Filosa-Thecofilosea X	0	0	0	8	0	0	8
Filosa-Thecofilosea XX	73	0	53	0	152	74	253
Filosa-Thecofilosea XXX	67	0	0	37	8	36	16
Fungi	1242	3246	4911	965	1353	640	982
Galeidinium rugatum	0	165	39	18	2	0	8
Geleia	0	41	0	0	0	0	0
Glaucocystophytes	5	31	0	0	0	0	3
Glissomonadida	97	329	226	75	143	3	57
Glissomonadida X	0	0	38	0	0	0	0
Gondwanamycetaceae	2	100	112	37	13	0	0
Gonyaulacales	23	131	78	132	125	116	48
Gonyaulax	0	0	36	18	0	0	0
Gonyaulax spinifera	360	326	388	1247	236	1031	741
Gregarines	41	59	37	370	368	52	74
Gregarines GRE1	0	0	0	0	60	0	0
Gregarines GRE3	1367	3053	1186	4830	24763	669	698
Gregarines GRE3 X	453	515	364	1677	8559	4	131
Gregarines GRE3 XX	2	115	0	0	25	0	0
Gregarines GRE4	0	0	0	0	0	0	0



Taxa	St.1B	St.2A	St.2B	St.3A	St.3B	St.4A	St.4B
Gregarines GRE6 XX	11	3	14	3	8	12	12
Gregarines X	714	1631	1580	1857	1200	458	370
Gregarinomorpha	1887	18684	1342	2508	1680	1826	864
Gromochytriaceae	5	31	74	0	47	9	8
Gruberia	0	56	20	0	0	0	0
Gymnodiniaceae	6	136	67	51	82	0	2
Gymnodiniales	148	65	23	232	81	0	8
Gymnodinium aureolum	619	279	95	2052	4170	409	168
Gymnodinium dorsalisulcum	3	98	218	453	261	492	302
Hacrobia	312	278	92	351	792	797	1486
Halacaridae	0	0	0	8	5429	1	0
Halacaroides antoniazziae	0	0	0	0	4	0	4
Haliphthorales	19	278	314	37	121	90	19
Haliphthorales X	0	0	0	0	0	0	0
Haliphthorales X sp.	350	42	42	0	1	22	0
Haliphthoros	302	360	466	196	118	25	75
Haliphthoros family incertae	62	113	34	0	2	0	2
Hanseniaspora	0	0	43	0	0	0	0
Haplosporida	381	591	427	591	606	297	355
Haplosporidiidae order incertae	5	7	0	17	20	17	19
Haptophyta Clade HAP4 X	0	0	0	8	0	168	169
Haramonas	0	507	59	10	0	79	25
Harpacticidae	0	0	0	0	0	0	0
Harpacticoida	163	87	128	135	54	70	41
Helotiaceae	19	140	99	0	6	0	14
Herdmania (Amphidiniopsid)	0	0	72	14	10	0	69
Herpotrichiellaceae	14	23	14	23	11	48	0
Heterobranchia	0	0	0	0	0	0	0
Heterocapsa	5537	10279	14059	23714	28753	34048	57353
Hilomonadea	38	103	66	51	1	187	180
Himatismenida	13	68	126	0	3	0	0
Howeina	0	0	0	0	12	0	141
Hydrozoa	182	0	0	23	117	0	7
Hymenomonas globosa	59	30	21	30	2	39	156
Hyphochytriaceae	381	221	439	485	1590	2491	1454
Hyphochytriales	266	4764	2909	622	510	1038	1268
Hypocreales	43	85	121	44	130	29	53
Hypotruchia XX sp.	18	1	1	16	3	14	1
Ichthyosponida	103	0	21	7	0	0	33
Ichthyosporia	123	50	40	13	6	21	26
Incertae Sedis (Cryptomycot)	7	0	18	0	0	0	0
Incertae Sedis (Incertae Sed)	0	2	6	5	11	0	12
Incertae Sedis (Pleosporales)	9	95	45	48	14	66	116
Incertae Sedis (Sordariomyc)	0	0	0	0	21	0	3
Isochrysidaceae	79	306	386	233	371	595	521
Isochrysidales	45	207	606	271	330	278	255
Katablepharidales	0	0	0	8	21	0	31



Taxa	St.1B	St.2A	St.2B	St.3A	St.3B	St.4A	St.4B
Kathablepharis	54	0	0	0	0	0	22
Kuma	13	0	0	6	0	0	0
Labyrinthulaceae	4351	8609	9413	3007	3440	2891	9914
Labyrinthulaceae X	1144	4518	3840	1181	1419	632	1571
Labyrinthulales	206	887	953	409	1243	2148	1880
Labyrinthulomycetes	863	324	399	333	644	587	974
Labyrinthulomycetes X	22	0	56	0	0	0	0
Labyrinthulomycetes XX	5	32	0	0	29	11	59
Labyrinthulomycetes XXX	0	16	40	18	0	0	5
Lacrymariidae	26	11	0	2	0	0	27
Lagenidium	0	0	17	0	0	0	0
Lankesteria ascidiae	116	201	61	48	32	8	16
Lankesteria chelyosomae	33	17	4	2	0	0	0
Lecudina	343	31	82	3743	1268	284	252
Lecudinidae	40	93	67	195	161	101	82
Leotiomyces	15	32	63	28	50	25	19
Leptocylindrus minimus	5	98	8	14	10	18	94
Leptocythere lacertosa	0	866	5	6	0	0	7783
Leptostraca	0	0	0	0	0	0	0
Leptosynapta	0	33	26	21	0	16	278
Levanderina fissa	134	155	369	615	557	374	167
Licmophora	0	0	0	0	0	0	0
Lingulodinium polyedra	0	0	2	3	12	0	16
Linhomoeidae	130	24	24	118	422	0	0
Lipomycetaceae	0	66	80	28	15	37	21
Litinium	0	0	0	0	0	0	0
Litostomatea	0	77	43	0	0	0	0
Litostomatea XX	14	81	11	0	52	0	0
Litostomatea XXX	20	0	0	0	0	0	0
LKM11	1568	8404	7273	1511	2204	1333	2194
LKM15	236	1202	1558	220	229	128	221
Lobosa	22	0	33	67	96	229	131
Lobosa X	154	538	254	54	39	7	26
Lobulomyces	89	102	92	323	110	124	180
Lobulomyces poculatus	28	203	107	0	0	0	0
Lobulomycetaceae	330	983	960	436	471	330	1135
Lotharella	0	33	204	33	7	0	5
Lulworthiales	13	0	11	6	7	0	0
Lynnella semiglobulosa	0	0	0	0	0	181	0
Macrodasys	3	0	15	18	0	0	0
Mamiella gilva	135	50	94	216	588	476	1146
Mamiellales	131	137	162	37	97	87	198
Mantamonas plastica	0	52	0	0	0	0	0
Mantoniella	333	383	417	194	542	575	732
Marimonadida	229	115	207	631	2593	455	513
Marimonadida X	10	0	0	35	153	220	265
Marimonadida XX	510	394	291	250	574	1573	1633

Taxa	St.1B	St.2A	St.2B	St.3A	St.3B	St.4A	St.4B
Massisteria marina	8	37	0	0	0	0	8
MAST-1	2	62	52	30	2	47	18
MAST-12	110	151	58	76	228	184	154
MAST-12 XX	289	713	201	191	93	174	82
MAST-12 XXX	8	25	0	0	6	18	0
MAST-12A	111	4	48	78	165	71	162
MAST-12A X	1278	3357	2554	2099	1251	1571	1330
MAST-12A XX	5956	3347	3314	3123	5210	5432	6316
MAST-12B	155	0	19	39	0	17	42
MAST-12B X	139	0	0	24	59	31	0
MAST-12B XX	28	0	0	1	22	10	4
MAST-12E	63	106	51	48	44	32	29
MAST-12E X	47	126	75	25	93	41	27
MAST-12E XX	16	0	0	23	34	31	73
MAST-1C XX	5091	3935	4465	4096	6156	4404	7279
MAST-22B XX	96	0	0	9	0	0	0
MAST-3J X	6	44	0	12	0	0	8
MAST-3J XX	34	0	0	0	0	0	0
MAST-4	6	0	0	6	37	0	0
MAST-4D	79	0	40	19	105	36	74
MAST-4E	23	0	10	4	0	25	0
MAST-6 X	40	0	7	97	34	46	28
MAST-6 XX	339	20	35	38	47	42	53
MAST-6 XXX	2906	1638	1307	687	1450	934	574
MAST-8	10	0	21	0	4	7	7
MAST-9A X	0	0	0	12	21	7	5
MAST-9A XX	24	33	61	40	28	78	53
MAST-9D XX	30	60	64	79	67	13	12
Mataza hastifera	79	0	6	0	0	0	0
Mataza-lineage X	1867	535	776	572	764	1373	773
Maxillopoda	5	0	57	21	0	0	0
Mesomycetozoa	53	0	0	34	69	175	341
Metachromadora	0	0	0	0	0	0	0
Metarhombognathus armat	0	66	0	0	0	0	0
Metazoa	1437	2367	2578	462	162	167	133
Metschnikowia	5	10	18	50	51	1108	1554
Micromonas	258	306	334	353	328	129	245
Microstomidae	0	0	40	0	0	0	0
Microthamniales X	6	55	10	24	36	0	6
Minidiscus	0	0	0	0	0	0	7
Minidiscus comicus	474	51	35	54	40	255	473
MOCH-2 XX	80	24	18	0	0	0	0
MOCH-5 XXX	2	0	17	21	6	18	3
Molgolaimus demani	2625	3022	6238	200	25	0	10
Molgula	185	0	24	21	478	238	381
Molgulidae	14	32	0	0	0	0	0
Monhysterida	785	733	1436	4811	716	21408	3833

Taxa	St.1B	St.2A	St.2B	St.3A	St.3B	St.4A	St.4B
Monilophyta	0	0	9	3	0	17	8
Monosigidae Group B X	120	28	0	0	0	0	195
Monostilifera	0	2492	0	0	0	0	0
Montacutidae	0	0	0	346	8775	3	0
Mopaliidae	12	0	47	52	0	0	0
Mortierellales	40	0	11	1	9	59	73
Mrakiaceae	0	14	0	0	0	0	11
Mucor	0	65	17	9	0	21	52
Mucorales	16	50	79	6	0	4	4
Mucoromycota	3	164	283	36	20	16	61
Mucoromycotina	0	23	10	0	7	0	0
Mugilogobius platynotus (fla	6	52	37	7	9	0	0
Mycosphaerellaceae	0	31	14	0	0	0	0
Mytiliniaceae	3	12	58	12	0	0	29
Mytilus edulis	0	32	0	0	0	10	0
Nadsonia	0	0	0	30	11	30	15
Nannochloris sp.	69	475	412	71	60	307	485
Nannochloropsis	69	176	734	241	204	439	334
Nanofrustulum shiloi	630	1087	820	939	585	5937	7201
Nassophorea	0	26	1	0	4	0	0
Navicula sclesviscensis	9	8	0	0	0	13	25
NC12A-lineage	0	0	0	0	0	0	0
NC12B-lineage	30	121	13	24	0	44	42
NC12B-lineage X	17	16	8	0	0	0	6
Nematodinium	171	79	0	0	1	8	7
Neocallimastigales	144	51	10	36	224	48	97
Neocallimastigomycetes	13	470	454	25	11	160	108
Neogregarinorida	9	93	359	71	31	51	21
Neoelectales	0	0	0	26	0	0	31
Neoelectales class incertae s	0	57	10	0	0	0	0
Nephroselmis	44	32	103	42	44	54	47
Nephroselmis astigmatica	157	12	0	31	53	16	30
Nephroselmis rotunda	9	0	15	0	0	0	0
Nicolea	0	141	13	0	0	0	0
Nitzschia	11	0	0	1	0	60	279
Noelaerhabdaceae	13	46	0	0	0	4	47
Novel-clade-12	110	74	0	74	32	30	74
Novel-clade-2	102	6	118	180	310	185	135
Novel-clade-2 X	868	220	301	169	234	490	361
Novel-clade-3	0	0	9	0	0	0	11
Novel-clade-3 X	47	62	60	65	84	177	60
Novel-clade-9	15	406	276	75	86	66	136
Novel-clade-9 X	12	514	460	22	126	64	149
Novel-clade-9 XX	0	0	10	21	0	38	49
Novel-Gran-1	34	65	26	0	26	0	47
Novel-Gran-1 X	12	16	65	0	9	3	13
Novel-Gran-234 X	13	76	60	14	11	0	7

Taxa	St.1B	St.2A	St.2B	St.3A	St.3B	St.4A	St.4B
Novel-Massiteriidae X	151	30	377	114	34	104	302
Nucleariida	2	0	0	0	33	0	0
Nudora ilhabelae	0	0	15	2	0	0	0
Nusuttodinium poecilochrou	0	49	7	8	5	0	0
Obelia	9	22	80	0	9	0	0
Oblongichytrium	36	0	14	104	56	14	80
Ochlochaete hystrix	0	0	0	3	0	0	0
Ochromonas triangulata	41	39	35	100	56	283	168
Ochrophyta	581	1361	622	9465	3600	959	597
Odontorhynchus aculeatus	0	0	0	226	179	0	0
Oikopleuridae	0	37	0	0	0	20	0
Oligohymenophorea	86	0	67	29	134	0	16
Olisthodiscus luteus	51	114	47	45	65	123	89
Olpidiopsis	44	677	477	140	223	24	51
Olpidiopsis family incertae s	0	0	2	46	0	0	0
Olpidophydiales X sp.	3	0	8	18	2	0	7
Oltmannsiellopsis	10	110	0	49	38	68	10
Oomycota	2573	8078	5793	4544	6062	3324	5156
Oomycota XX	0	437	0	1	0	15	0
Oomycota XXX	218	156	187	78	388	58	41
Oomycota XXX sp.	72	132	44	71	87	67	10
op14-lineage	88	121	262	76	92	102	92
op14-lineage X	12	50	83	17	20	41	40
Opephora sp.	372	388	198	208	122	3513	3797
Oxystomina	0	0	0	112	0	0	0
Paracanthochus	0	0	0	65	0	0	0
Paracercomonas	0	0	38	0	0	0	0
Paradinida	12	0	0	0	0	0	825
Paradinida XX	21	39	0	0	21	39	29
Paradinida XX sp.	18	0	19	0	1	8	10
Paragymnodinium	70	60	0	0	19	0	0
Paramicrosporidium	200	1373	818	130	82	191	84
Paramicrosporidium family	1	14	28	14	0	0	28
Paramphiascella fulvofascia	5	120	337	0	0	44	0
Pareurystomina	0	0	0	0	1500	0	0
Parmales	11	0	9	12	10	0	12
Parmales env 2	26	0	0	0	17	0	0
Parmales env 2 X	1129	387	264	175	170	40	35
Parvamoebidae	2	8	34	0	0	0	0
Parvilucifera	0	0	0	85	0	0	0
Parvilucifera sinerae	0	82	16	0	0	0	0
Paulinella	20	0	66	0	226	111	136
Paulinellidae	233	20	141	109	405	842	808
Paulsenella vonstoschii	600	27	45	57	182	88	76
Pedinellales	2538	2888	3062	1932	3202	2606	1586
Pedinellales X sp.	994	334	515	155	232	161	518
Pelagodinium	35	39	19	67	17	116	51

Taxa	St.1B	St.2A	St.2B	St.3A	St.3B	St.4A	St.4B
Pelagodinium beii	1362	1003	2630	1781	1864	4437	3669
Pelagomonadales clade A1	107	75	94	93	161	74	135
Pelagophyceae	283	424	459	245	380	269	573
Pelagostrobilidium	907	0	0	447	430	0	0
Penicillium lagena	7	23	51	15	43	26	28
Pentapharsodinium	150	124	379	554	663	1351	594
Peridinales	2	18	7	11	0	0	66
Peritromidae	6	0	23	16	0	0	0
Perkinsea	34	0	0	0	20	0	215
Perkinsida class incertae sed	0	61	13	3	12	1	126
Perkinsida X	543	245	235	809	622	1212	960
Perkinsida XXX	86	999	367	0	3	352	0
Peronosporales	3	56	19	26	21	10	9
Phaeophila dendroides	0	0	0	48	0	0	0
Phaeophyceae	6	0	0	6	25	0	1
Phaeophyceae XX	976	1863	2467	55996	2551	1819	1269
Phagomyxa	31	125	173	77	132	72	69
Phagomyxida	246	861	1685	133	315	281	325
Phagomyxidae	901	823	1034	366	360	1240	1459
Phallusia nigra	11	2	19	11	9	89	45
Pheopolykrikos beauchampii	509	448	5700	57466	24851	3930	2453
Philasterida	0	79	0	0	0	0	0
Pholoe	0	0	0	0	3	19	0
Phoma herbarum	0	0	0	0	0	33	0
Phoroniformea	0	0	0	0	4	0	0
Phyllodocida	0	2674	966	0	1	0	0
Pierrecomperia catenuloides	239	1297	1535	348	344	476	1550
Pinophyta	0	0	0	9	250	11	7
Pirsonia	6743	489	1034	2489	3916	5567	3323
Pirsonia Clade X	4	0	0	190	54	0	13
Pirsonia Clade XX	147	118	34	7	184	83	42
Placorhynchidae	42	0	0	1605	0	0	39
Plagiogramma sp.	24	0	0	39	19	108	163
Plagiostrata goreensis genu	2257	8680	8731	3478	2671	934	5863
Planothidium	20	0	0	16	15	128	386
Plasmodiophorida	92	39	91	121	150	347	129
Plasmodiophorida X	0	0	0	0	18	29	17
Plasmodiophorida XX	10	0	11	28	34	81	107
Platyhelminthes	0	0	0	0	64	0	0
Plectosphaerellaceae	25	27	132	15	0	31	51
Pleosporales	35	267	356	200	265	287	258
Pleurostomatida X sp.	7	64	0	0	0	0	0
Ploimida	45	0	25	85	61	119	19
Podocopida	286	174	0	5280	11529	3	348
Polar-centric-Mediophyceae	55014	3688	2372	705	531	4712	5861
Polychaeta	0	34	7	0	0	0	1
Polycope	0	174	0	20	101	0	5442

Taxa	St.1B	St.2A	St.2B	St.3A	St.3B	St.4A	St.4B
Polycystididae	80	0	0	35	12069	1	0
Polykrikos kofoidii	49	0	0	0	0	2	0
Polyplacariidae	197	126	67	6730	3391	2970	2380
Polyplacarium	22492	38755	23234	1488	1496	4496	3126
Pontocypris mytiloides	0	0	0	1	0	0	0
Pontonema vulgare	2	0	1	0	0	0	0
Porifera	0	0	0	0	0	53	1
Porphyridiales X	16	194	29	95	12	137	54
Porphyridiales-2	16	39	60	51	17	33	48
Porphyridium	0	32	5	36	30	17	3
Prasino-Clade-VIII XXX	8	0	0	0	0	24	0
Prasinococcales-Clade-B	9	11	35	15	13	29	9
Prasinococcales-Clade-B X	74	494	548	248	166	33	84
Prasinoderma	106	56	127	52	76	30	24
Prasinoderma coloniale	87	179	196	85	77	77	55
Prasinopapilla	6	0	0	37	11	27	29
Preaxostyla	0	0	0	0	0	0	0
Prorocentraceae	46	297	549	548	774	69	115
Prorocentrales	0	0	29	103	28	30	96
Prorocentrum	192	1058	1201	169	146	496	436
Prorocentrum foraminosum	136	566	611	434	27	21	433
Prorocentrum fukuyoi	15	36	44	0	0	0	0
Protaspa-lineage	1147	2233	2929	2225	1773	642	629
Protaspa-lineage X	2019	1404	1897	1970	4164	3698	3206
Protoceratium reticulatum	5	26	27	10	20	10	0
Protodinium	45	94	164	107	94	231	183
Protodinium simplex	160	196	273	154	215	663	565
Protodorvillea	0	0	0	0	0	0	0
Protogastrostyla	0	0	0	8	8	0	173
Protoperidiniaceae	5274	1592	2814	2820	2904	452	1269
Protoperidinium claudicans	0	108	85	0	57	0	0
Protoperidinium punctulatur	33	0	0	0	7	0	0
Prototheca	0	28	0	0	0	13	3
Prototrachelocerca	0	0	0	36	0	0	0
Prymnesiaceae	19	0	85	0	0	2	4
Prymnesiophyceae	76	621	365	569	154	198	126
Pseudocohnilembus	5	21	81	17	10	0	0
Pseudodiffugiidae X	136	0	0	0	0	0	0
Pseudofungi	84	52	47	421	183	71	71
Pseudopedinella	0	0	0	3	3	28	0
Pseudopedinella elastica	728	316	284	386	302	539	472
Pseudoperkinsidae	22	153	135	60	121	249	105
Pseudopirsonia	83	0	3	63	196	24	45
Pterosperma cristatum	63	0	0	0	35	6	0
Pycnococcaceae	1253	5287	4373	2535	1893	1664	2079
Pylaiella littoralis	265	944	1761	189	109	11	31
Pyramimonadales	519	339	326	377	494	710	788

Taxa	St.1B	St.2A	St.2B	St.3A	St.3B	St.4A	St.4B
Pyramimonas	637	312	830	337	470	1335	1348
Pyrus x bretschnideri	0	0	0	0	7	5	0
RAD-B	0	0	0	0	15	0	161
Radiolaria	3	4	0	0	0	0	0
Radiolaria XXX	0	0	17	0	14	0	0
Raphid-pennate X sp.	143	119	81	8	0	88	457
Raphidophyceae X	371	266	467	397	385	253	222
Raphidophyceae XX	7	0	0	0	0	0	0
RCC391	4	43	10	2	7	15	0
Reckertia	17	0	12	32	36	4	1
Reckertia filosa	7	71	16	6	68	25	39
Rhabdocoela	72	64	4	12985	1425	729	1077
Rhizaria	576	86	196	35	142	83	44
Rhizophydiales	400	87	328	155	185	313	177
Rhizophydium	8	58	149	0	13	1	26
Rhodella	1	7	1	6	0	0	19
Rhodellales	27	27	34	6	5	0	16
Rhodomelaceae	0	0	10	0	0	0	0
Rhodophyta (phylum)	42	0	0	0	0	0	0
Rhodosorus	18	110	155	36	0	14	7
Rhodosorus marinus	3	32	19	17	13	0	14
Rhombognathus levigatoide	0	23	47	0	0	0	24
Rhynosporidae X	0	0	23	0	0	0	0
Rhynosporidae X sp.	614	690	452	44	46	4	15
Rictus	0	0	0	4	4	0	7
Rimostrombidium A	71	0	0	0	0	0	0
Roombia	0	0	0	133	32	0	0
Rozella	0	0	0	0	0	0	13
Rozella family incertae sedi	0	0	0	0	0	0	0
Russulales	0	0	8	0	0	0	15
Ruthnielsenia tenuis	0	0	0	50	11	0	0
Saccharomycetales	40	423	452	62	194	60	77
Saccharomycetes	51	256	206	67	47	15	10
Sagenista	157	598	573	327	158	277	415
Sagittoidea	0	0	0	0	0	0	0
SAR	11855	3881	3794	3071	4932	5570	6093
Sarcinochrysidaceae	1110	17166	20715	3979	4648	7375	8721
Sarcinochrysidales	0	0	0	6	0	0	0
Sarsia lovenii	0	0	13	0	0	0	0
Sclerotiniaceae	0	28	19	0	0	0	1
Scoloplos armiger	7	73	25	328	276	0	0
Scrippsiella precaria	45	39	0	11	21	196	44
Selenidium1	22	20	24	22	52	19	69
Semicytherura striata	790	0	0	2203	5763	2	10
Sey055-lineage X	3	18	15	6	51	37	21
Sicyoidochytrium	5	8	40	0	0	0	2
Sirobasidium	0	0	0	0	0	0	0



Taxa	St.1B	St.2A	St.2B	St.3A	St.3B	St.4A	St.4B
Sistotrema	16	38	48	8	25	0	20
Sordariomycetes	183	893	1383	384	695	342	1931
Sphaeropleales X	36	37	28	23	6	13	10
Sphagnum palustre	1	0	0	0	4	18	12
Spiniferodinium	76	0	5	304	370	124	74
Spionida	0	12	0	0	1	0	0
Spionidae	0	0	0	0	0	0	0
Spirinia parasitifera	0	305	499	3029	3031	1251	911
Spirotrichea	406	92	78	232	572	191	505
Spizellomycetales	96	0	3	59	62	11	66
Stephanoecidae Group H X	0	28	35	28	4	0	0
Stoeckeria	588	226	242	190	427	476	252
Stramenopiles	833	655	741	3749	4745	1308	1875
Stramenopiles X-Group-7 XX	0	0	0	0	0	0	0
Stramenopiles XX	30	142	111	39	49	3	24
Stramenopiles XXX	59	332	263	87	87	0	126
Stramenopiles XXXX	2	0	0	0	12	0	4
Stramenopiles XXXXX	288	162	249	115	280	130	190
Strobilidiidae G X	11	68	0	137	51	0	0
Strobilidium F	73	0	0	0	18	0	0
Strombidiida	715	120	180	528	940	1108	510
Strombidiidae	0	0	0	0	0	34	50
Strombidinopsis	114	0	148	272	0	0	0
Strombidinopsis sinicum	36	0	51	197	0	0	0
Strombidium	20	0	0	54	73	34	7
Strombidium capitatum	10	0	0	387	0	0	83
Strombidium K	100	0	0	71	192	209	32
Styelidae	0	43	0	0	0	0	0
Stygamoeba	65	156	50	1	0	0	13
Suessiaceae	4037	2486	2715	4027	5384	6900	3748
Suessiaceae X	486	1018	1299	1555	1611	2383	3469
Suessiales	293	764	502	111	164	260	312
Suessiales X	370	142	68	0	519	0	162
Syllidae	0	827	1073	2759	32	0	0
Syllidia	0	406	57	0	0	0	0
Symbiodiniaceae	67	37	43	109	28	40	7
Symbiodinium	131	2421	1941	1772	729	3691	740
Symplocostoma	0	299	0	0	0	0	0
Syndiniales	0	27	8	0	0	0	8
Syndiniales class incertae se	2	0	9	8	8	0	15
Syringolaimus	0	0	0	0	0	0	0
TAGIR11-lineage	454	24	98	44	129	123	192
TAGIR11-lineage X	1642	1212	1039	2242	3587	3388	2553
Talaromyces	14	27	105	12	15	50	33
Taphrina	1	24	10	0	0	0	7
Telonemia-Group-1	6	47	0	0	7	0	11
Temora longicornis	0	0	0	0	0	0	0

Taxa	St.1B	St.2A	St.2B	St.3A	St.3B	St.4A	St.4B
Terebellidae	0	0	0	0	0	0	0
Tetraselmis	3	22	14	25	7	7	16
Tetraselmis marina	19	98	16	5	14	0	33
Thalassiosira	194	0	59	0	0	64	295
Thalassiosira concavuscula	4	0	0	0	0	16	21
Thalassiosira delicatula	13	0	0	4	10	3	25
Thalassiosira oceanica	0	28	0	0	0	17	3
Thalassoalaimus	0	0	0	41	0	0	0
Thaumastoderma ramulifer	0	0	0	54	0	0	0
Thaumatomastix	3	0	0	0	0	0	0
Thaumatomonadida	56	126	171	81	240	242	178
Thaumatomonadida X	54	37	49	183	254	34	103
Thaumatomonadida XX	1196	511	502	466	921	545	375
Thaumatomonadidae	20	39	40	5	78	43	7
Thecadinium inclinatum	0	0	0	0	0	0	0
Theristus	0	22	273	0	0	0	0
Thoracosphaeraceae	85	287	173	42	64	99	16
Thoracosphaeraceae X	193	57	614	38	12	2	13
Thraustochytriaceae	303	205	364	896	1125	540	760
Thraustochytriaceae X	60	0	18	20	8	0	18
Thraustochytriales order inc	193	339	279	2047	4380	1428	2003
Thraustochytrium	0	21	64	0	2	0	5
Tintinnida	21	0	0	0	0	0	14
Tintinnida XX	96	88	21	25	41	79	6
Tintinnidium mucicola	98	0	0	0	2	0	0
Tintinnopsis 05	79	25	26	62	104	35	52
Tintinnopsis 07	1215	267	66	101	249	118	116
Tonicella lineata	35	19	12	99	0	0	0
Trachelocercidae	13	27	10	0	12	28	13
Trebouxiophyceae	294	3100	3258	453	436	1467	2162
Trebouxiophyceae X	19	0	1	31	67	14	32
Trechispora alnicola	2	0	17	3	12	3	8
Trichoderma	0	44	7	0	0	0	0
Trichomonascaceae	68	1103	1423	214	134	89	66
Trichosporonaceae	2	0	20	5	30	0	6
Trigonostomum venenosum	0	32	81	14	0	0	0
Tripyloides	186	4585	7	1283	0	0	1
Tubifex tubifex (sludge worr	0	226	213	0	790	0	0
Tubulinea	0	0	0	8	7	7	35
Ulotrichales X	63	299	924	747	701	7	148
Ulva	5	146	50	17	136	2	0
Ulvales-relatives X	120	730	775	7317	683	162	554
Ulvophyceae	4	56	119	49	45	0	0
Umbelopsidaceae	0	98	6	0	0	9	0
Umbelopsis	36	162	404	40	52	34	29
Uncinocythere occidentalis	0	0	0	0	0	0	0
unclassified Oncholaimidae	0	83	415	236	23	3	517

Taxa	St.1B	St.2A	St.2B	St.3A	St.3B	St.4A	St.4B
unclassified Thoracostomop	0	0	0	0	3186	1	0
Urosporidae	0	0	0	0	0	1400	0
Urotricha	2	0	0	17	63	0	1
Vampyrellida	575	1151	1490	1217	4038	2462	3397
Vampyrellida X	6	20	48	25	18	21	4
Variosea X	137	52	34	19	0	2	33
Ventricleftida	132	323	109	172	114	93	236
Ventricleftida X	0	0	16	0	10	104	48
Ventricleftida XX	151	231	268	158	664	5010	3980
Ventrifissura	16	24	15	18	9	0	17
Ventrifissuridae	19	0	0	6	0	7	6
Ventrifissuridae X	83	47	177	195	485	274	1056
Verrucomonas	44	0	0	168	314	0	104
Vishniacozyma	7	69	4	14	5	7	0
Wallemia	4	0	0	6	27	0	0
Wallemia ichthyophaga EXF	0	27	0	10	0	0	7
Watanabea-Clade XX	13	22	83	0	0	0	0
Wickerhamomyces	26	154	157	32	19	0	0
Xyalidae	0	0	0	185	2	0	0
Xylariales	11	0	93	11	17	25	23
Yarrowia	0	0	45	0	0	0	0
Zoopagomycota	0	161	406	0	0	0	0
Zostera	255	3948	9006	759	1138	1435	2751
Zosteraceae	0	0	12	1	0	0	0
Zosteraceae order incertae s	0	10	0	6	0	0	6
Elysia	0	0	0	0	0	0	0
Mucor	0	0	0	0	14	0	8

Taxa	St.5A	St.5B	St.6A	St.6B	St.9C	St.9D
Abatus cavernosus	0	0	0	0	100	0
Abeoformidae Group MAIP 2	1	0	0	0	3	5
Abeoformidae Group MAIP 2	17	8	2	1	5	105
Abeoformidae Group MAIP 2	7	10	6	2	9	57
Abra nitida	17	11	0	0	0	0
Acanthamoeba	0	0	0	0	0	0
Acanthoecida	0	0	0	0	0	7
Acanthoecidae Group G	0	0	0	0	0	0
Acarothrix	0	0	1531	0	238	0
Acrochaete repens	0	0	14	53	11	0
Acrosiphonia	0	0	0	0	2622	9
Actiniaria	0	0	0	0	89	0
Actinocephalidae	72	127	0	53	81	0
Aduncodinium	49	50	9	0	10	0
Agamococcidiorida	1	12	0	2	0	0
Agaricales	75	91	259	162	122	144
Agaricomycetes	36	33	132	99	42	123
Alexandrium	0	0	0	0	0	0
Alexandrium andersonii	0	0	6	13	0	0
Alexandrium fundyense	0	1	693	1	7	928
Alexandrium minutum	115	110	187	178	0	105
Alexandrium ostenfeldii	0	33	7	6	0	1
Alexandrium tamarense	0	0	670	871	0	0
Alexandrium tamutum	0	0	0	5	0	84
Alveolata	9102	2294	2198	1732	952	1050
Alveolata XXXX	0	0	2	7	0	0
Alveolata XXXXX	214	66	65	51	17	113
Ameira scotti	0	0	0	0	2	0
Amorphea	1063	874	548	335	296	1733
Amphidinium	394	105	6	67	7	0
Amphisiella	53	2	0	0	0	9
Amphora	2	9	0	0	6	3
Amphora sp. genus incertae	15	24	0	0	0	2
Annelida	680	0	0	0	0	0
Ansanella granifera	0	39	190	64	0	5
Anthoathecata	0	0	12	0	0	0
Anurofeca	91	86	20	32	0	32
Apedinella	0	0	6	0	0	0
Apedinella radians	1343	1056	993	336	33	934
Aphelida	821	206	58	80	182	138
Apicomplexa	127	356	941	254	560	401
Apiotrichum dulcitum	0	14	6	16	0	0
Apiotrichum porosum	0	5	11	14	0	6
Aplanochytrium	48	327	2	12	48	32
Apusomonadidae	623	167	91	104	164	401
Apusomonadidae Group-1 X	0	8	0	0	0	24
Apusomonadidae order ince	2435	2018	138	90	93	3425

Taxa	St.5A	St.5B	St.6A	St.6B	St.9C	St.9D
Apusozoa	54	53	0	0	0	43
Araeolaimida	0	0	87	0	236	0
Araphid-pennate	10353	12448	2911	4935	572	4320
Archaeorhizomyces	0	0	30	1	0	0
Archaeoperidinium	375	111	593	100	0	74
Archaphanostoma agile	0	0	0	0	131	305
Arthopyrenia salicis	0	5	6	0	0	0
Arthropoda	0	0	448	0	160	0
Asciidiidae	488	122	134	60	110	98
Ascomycota	629	805	1365	1019	664	458
Askenasia	52	46	105	40	0	11
Aspergillus	14	15	20	9	10	0
Aspidiophorus	0	0	31	0	0	0
Aspidiophorus tentaculatus	0	0	0	1	147	5
Atkinsiella	0	9	0	0	0	0
Atkinsiella dubia	32	11	7	2	0	103
Attheya	0	0	0	0	5	0
Aurelia	10	6	0	0	0	12
Aureoumbra	1	19	18	55	139	14
Axonolaimidae	0	206	229	38	21	122
Azadinium	60	16	9	5	0	11
Bacillariophyta	12742	6874	735	1308	2622	2504
Basidiomycota	62	72	57	57	23	154
Bathylaimus	0	0	1	33581	4	936
Bicoecaceae X	0	0	0	0	0	0
Bicoecea	0	0	6	0	0	0
Bicoecea X	0	0	0	0	0	0
Bicoecea XXX	0	0	0	0	0	0
Biecheleria	3352	1604	3349	1049	342	3801
Bivalvulida	0	3	4	0	0	0
Bolbocoleon piliferum	0	30	55	74	38	44
Boletales	1	43	37	44	20	49
Bonnemaisonia hamifera	0	0	0	0	51	0
Borghiella	0	0	0	0	0	0
Botryllus	0	0	0	0	0	0
Botuliformidae	55	58	104	4	5	11
Breviatea XX	1	3	1	5	2	23
Braarudosphaeraceae	62	125	49	63	7	143
Braarudosphaeraceae X	0	24	23	3	25	71
Bysoascus striatosporus	0	1	4	0	0	0
Bythoceratina hanejiensis	0	0	0	0	190	0
Caenogastropoda	0	0	10	0	2975	0
Calanoida	18	0	0	0	24	7
Calcarea	0	0	3	0	10	0
Calomicrolaimus parahones	0	106	435	40	1653	0
Candida	0	0	9	2	0	8
Capitellida	206	279	119	634	858	16

Taxa	St.5A	St.5B	St.6A	St.6B	St.9C	St.9D
Capnodiales	19	41	23	29	0	28
Capsosiphon groenlandicus	0	27	3	0	1933	0
Caulleriella	0	0	0	0	69	0
CCW10-lineage	0	0	21	3	6	0
CCW10-lineage X	592	200	161	171	228	439
Centramoebida	0	0	0	0	0	0
Centropages hamatus	59	15	16224	1312	0	0
Cephalothecaceae (Sordaria	50	0	18	17	0	0
Cephalothrix filiformis	38	2	0	0	0	0
Cephalothrix rufifrons	0	0	410	0	0	18
Cercomonadida	28	84	0	9	25	117
Cercozoa	2459	1649	877	443	603	2133
Cercozoa X	26	151	241	155	63	7
Cercozoa XX	286	306	177	133	150	268
Cercozoa XXX	0	3	0	2	15	10
Cercozoa XXXX	200	45	7	97	87	94
Chaetoceros	2469	4410	6598	1650	12845	35975
Chaetoceros affinis	0	0	18	2	0	0
Chaetoceros curvisetus 1	62	8	29	31	35	14
Chaetoceros debilis 1	30	22	27	16	43	25
Chaetoceros decipiens	49	8	25	3	7	17
Chaetoceros decipiens genu	32	10	59	17	0	22
Chaetoceros sp. genus incer	10	14	12	4	8	29
Chaetomiaceae	188	358	958	686	285	248
Chaetomium	0	7	7	2	5	0
Chaetonotida	108	0	0	6	25	12
Chaetonotidae	0	0	0	5	19	242
Chaetothyriales	43	40	32	12	12	7
Chlamydomonadales	2040	1953	859	443	217	840
Chlamydomonadales XX sp.	13	29	35	43	0	12
Chlorellales	2954	3818	1766	689	1184	4958
Chlorodendraceae	1005	923	615	158	320	491
Chlorodendrales XX	98	60	45	0	0	0
Chloroidium	0	0	11	0	2	30
Chloroparvula pacifica	0	27	0	2	20	30
Chlorophyceae	0	0	0	15	6	0
Chlorophyta	6477	6844	5258	5566	15630	995
Chlorophyta XXXX	31	46	0	0	4	0
Chloroplastida	129	45	12	9	0	0
Choanoflagellatea	266	105	8	13	14	19
Choreotrichida	152	115	269	207	1	92
Chromadorea	0	36	37	0	0	0
Chromadorida	7343	17784	4426	3302	24185	2883
Chromadoridae	0	0	39	0	710	1
Chromadorita	0	0	1498	954	61	0
Chromera	39	193	4	0	0	0
Chromeraceae	134	147	35	0	64	122

Taxa	St.5A	St.5B	St.6A	St.6B	St.9C	St.9D
Chrysocampanula spinifera	82	50	20	17	0	168
Chrysomerophyceae	23	4	0	1	0	0
Chrysomerophyceae X	559	399	77	37	237	269
Chrysomerophyceae XX	0	77	5	32	15	0
Chrysophyceae Clade-C	0	0	0	0	0	0
Chrysophyceae Clade-C X	0	6	0	0	52	841
Chrysophyceae Clade-D X	1814	299	10	3	4	0
Chrysophyceae Clade-E X	0	9	3	0	0	173
Chrysophyceae Clade-F	0	10	3	0	0	0
Chrysophyceae Clade-F X	0	0	137	0	0	7
Chrysophyceae Clade-H X	86	120	79	68	34	167
Chrysophyceae X	162	219	79	77	81	448
Chrysophyceae XXX	0	56	2	4	0	216
Chytridiaceae	54	57	20	46	1336	69
Chytridiales	85	196	20	9	0	0
Chytridiomycetes	844	1062	165	149	201	432
Chytridiomycota	0	9	0	0	0	0
Chytridium	47	68	2	3	12	11
Chytridium polysiphoniae	68	0	6	25	84	0
Cicerinidae	0	0	0	0	15	0
Ciliophora	0	0	2	25	0	0
Cirratulidae	0	0	40	72	0	2
Cladonema californicum	0	0	0	0	0	0
Cladophorales X	0	85	1259	1497	389	45
Cocciomorphea	82	4	13	16	342	19
Cocconeis	0	0	18	3	203	0
Colaonematales X	0	0	8	12	5	0
Colpodella	108	35	46	13	57	103
Colpodellaceae	565	793	34	10	19	0
Colpodellida	5625	2471	403	361	478	743
Colpodellidae2	101	0	9	10	20	0
Colpodellidea	430	461	25	37	124	65
Colponemea	7	5	7	6	0	15
Colponemida	0	0	0	0	0	0
CONTH 6 XXX	0	0	0	5	0	0
CONThreeP X	0	0	0	0	0	0
Corallinales	0	13	6	9	85	569
Cordycipitaceae	47	32	56	42	22	0
Corella inflata	0	0	0	2	70	0
Coriolaceae	0	0	0	0	0	0
Craspedida	0	0	0	0	0	0
Creolimax	13	11	0	0	2	0
Creolimax fragrantissima	15	2	14	1	70	25
Crustomastigaceae	125	8	10	2	5	51
Crustomastigaceae-AB	22	120	18	16	0	14
Crustomastigaceae-C	78	48	60	2	0	97
Crustomastix	6	33	17	0	7	61



Taxa	St.5A	St.5B	St.6A	St.6B	St.9C	St.9D
Cryomonadida	2921	2071	3498	991	669	2965
Cryomonadida X	447	95	30	12	50	252
Cryomonadida XX	477	339	142	144	78	365
Cryothecomonas	16032	7776	5238	2451	2129	11756
Cryothecomonas aestivalis	5	10	5	0	3	12
Crypthecodiniaceae	0	0	0	0	0	0
Crypthecodinium	0	35	29	0	0	9
Cryptofilida	0	9	0	0	8	0
Cryptomycota	166	160	333	892	387	115
Cryptosporidium1	0	5	66	18	0	0
Cunninghamellaceae	0	0	10	0	0	1
Cyatholaimidae	0	0	8	0	0	0
Cyberlindnera-Candida clade	0	0	0	7	0	0
Cyclidium	0	0	0	0	0	0
Cyclopoida	0	0	0	6	225	0
Cyclotrichium	0	0	32	3	0	0
Cymatosira belgica	393	758	189	119	134	650
Cyphoderia	34	2	3	10	85	75
Cythere lutea	0	0	0	0	0	180
Cytheromorpha acupunctata	2898	0	5896	2125	2371	259
Dacrymycetaceae	0	0	0	5	0	0
Dactyliosolen blavyanus gen	0	7	30	20	5	0
Dactylodinium	1972	1964	1731	329	89	292
Dactylopodida	0	1	0	0	0	0
Desmodora ovigera	0	0	0	0	291	0
Desmodorida	6950	5293	221	491	436	17776
Desmodoridae	0	0	0	0	869	0
Desmoscolecida	0	7	314	0	0	0
Desmoscolecidae	0	0	0	0	86	0
Diacronema	256	170	28	18	30	26
Diaporthales	0	0	18	25	0	0
Dictyochloropsis	0	0	1	2	9	8
Dictyochloropsis symbiontica	15	152	55	41	188	65
Dictyochophyceae	0	0	0	0	5	0
Didiniidae	0	0	696	141	0	0
Difficilina	1096	170	4	1	145	241
Dileptidae	0	0	0	0	0	0
Dimeregramma	5	0	0	0	0	82
Dino-Group-I	36	265	29	46	0	0
Dino-Group-I-Clade-1	741	987	409	168	685	1069
Dino-Group-I-Clade-2 X	0	0	0	0	0	0
Dino-Group-I-Clade-3 X	0	0	0	0	0	0
Dino-Group-I-Clade-4 X	1606	977	283	181	248	2193
Dino-Group-I-Clade-4 X sp.L	3852	4843	953	643	20	1203
Dino-Group-II	111	48	40	15	6	96
Dino-Group-II X	178	62	35	6	3	30
Dino-Group-II XX	0	13	0	0	0	31

Taxa	St.5A	St.5B	St.6A	St.6B	St.9C	St.9D
Dino-Group-II XX sp	294	275	49	62	83	347
Dino-Group-II-Clade-1	76	64	27	25	47	129
Dino-Group-II-Clade-10-and-	34	151	0	10	40	246
Dino-Group-II-Clade-10-and-	71	57	15	0	5	173
Dino-Group-II-Clade-14	9	22	27	0	5	22
Dino-Group-II-Clade-15	0	28	0	0	26	66
Dino-Group-II-Clade-16	26	39	0	0	0	0
Dino-Group-II-Clade-16 X	0	21	0	0	0	0
Dino-Group-II-Clade-2	24	10	23	6	5	95
Dino-Group-II-Clade-23	1	5	1	3	1	19
Dino-Group-II-Clade-3 X	7	58	30	1	0	0
Dino-Group-II-Clade-30	0	9	4	0	0	6
Dino-Group-II-Clade-32	0	0	1	0	0	7
Dino-Group-II-Clade-33	16	0	0	3	0	0
Dino-Group-II-Clade-46 X	0	24	0	0	0	0
Dino-Group-II-Clade-8	0	0	0	0	0	0
Dino-Group-II-Clade-9	0	1	12	0	0	0
Dino-Group-IV	45	16	0	2	0	0
Dinoflagellata	1498	2678	849	880	1300	4453
Dinophyceae	33109	36097	21537	11249	4827	32714
Dinophyceae X	221	995	95	138	277	334
Dinophyceae XX	171	198	183	77	292	300
Dinophyceae XXX	2274	1890	2565	683	1145	2116
Diversisporales	46	0	0	0	0	0
Dixoniella grisea	0	0	0	3	0	20
Dolichomastigaceae	63	115	63	75	63	150
Dolichomastigaceae-B	60	26	18	7	17	62
Dolichomastigales	7	24	28	2	11	29
Dolichomastix	32	41	17	17	0	16
Drechmeria coniospora	0	15	1	6	0	0
Durinskia	2985	128	0	0	1	0
Ebria tripartita	1119	1482	1372	493	1160	1147
Effrenium	163	611	100	169	148	712
Elliptochloris	43	26	18	19	4	76
Endogone	19	3	0	0	0	0
Endomyxa	2930	6185	311	169	534	1597
Endomyxa-Phytomyxea	104	39	59	29	23	90
Enoplea	0	347	7	0	8	0
Enoplida	0	2	170	6976	165	18
Enoploides	0	0	0	0	24	0
Enoplolaimus	0	0	0	0	0	0
environmental samples (Api	41	7	0	4	2	6
Eocercomonas	5	0	1	0	0	0
Eteone	0	0	1	15352	7039	0
Euduboscquella	55	114	10	35	13	206
Euglyphida	7105	5604	2543	1127	3571	48759
Euglyphida X	4	27	0	3	0	31

Taxa	St.5A	St.5B	St.6A	St.6B	St.9C	St.9D
Euglyphida XX	5	9	0	2	25	15
Eugregarinorida	32310	5327	4922	7061	3941	2317
Eugregarinorida EUG2	0	0	0	0	57	66
Eugregarinorida EUG2 X	0	123	0	0	85	507
Eukaryota	2380	3098	2850	1440	1756	2924
Eunicida	0	0	0	0	0	0
Eurotiales	318	256	275	152	162	131
Eurychasma dicksonii	15	13	2	1	21	17
Euthyneura family incertae s	0	0	830	0	0	0
Eutintinnidae X	313	57	145	49	0	0
Exanthemachrysis	74	193	0	14	28	81
Extubocellulus cribriger	312	257	79	27	3	3
Extubocellulus cribriger genu	21	14	0	0	0	0
Fabriciola	0	0	0	0	0	0
Fallacia monoculata	1	0	1	0	8	3
Fallacia monoculata genus i	37	9	12	0	0	18
Fereydouniaceae	0	0	0	7	0	11
Fibrocapsa japonica	15	6	1	27	13	342
Filobasidiaceae	26	18	2	0	8	0
Filosa X	38	0	7	7	0	5
Filosa-Granofilosea	0	0	0	0	0	6
Filosa-Granofilosea X	0	0	0	0	0	0
Filosa-Imbricatea	730	82	5	6	0	63
Filosa-Imbricatea X	589	385	589	311	6	136
Filosa-Imbricatea XXX	501	436	331	172	132	531
Filosa-Sarcomonadea	4	15	5	8	6	38
Filosa-Sarcomonadea X	0	0	0	0	0	0
Filosa-Thecofilosea	737	389	332	73	227	786
Filosa-Thecofilosea X	7	5	2	4	0	6
Filosa-Thecofilosea XX	20	29	11	0	12	13
Filosa-Thecofilosea XXX	62	18	18	5	5	79
Fungi	1885	2122	553	347	542	992
Galeidinium rugatum	0	0	0	0	9	0
Geleia	0	0	0	0	0	0
Glaucocystophytes	0	0	0	0	4	0
Glissomonadida	151	138	82	63	62	137
Glissomonadida X	0	0	0	0	0	0
Gondwanamycetaceae	0	38	1	25	1	0
Gonyaulacales	0	0	28	24	0	132
Gonyaulax	0	0	2	0	0	0
Gonyaulax spinifera	0	62	664	232	0	0
Gregarines	44	120	201	191	679	319
Gregarines GRE1	0	0	0	0	66	5
Gregarines GRE3	52	662	47845	88356	186	279
Gregarines GRE3 X	0	120	21729	25003	49	0
Gregarines GRE3 XX	0	6	0	33	107	42
Gregarines GRE4	0	0	0	0	0	38

Taxa	St.5A	St.5B	St.6A	St.6B	St.9C	St.9D
Gregarines GRE6 XX	3	1	0	0	5	0
Gregarines X	131	352	337	216	275	603
Gregarinomorpha	659	2031	767	444	232	657
Gromochytriaceae	41	28	43	25	21	32
Gruberia	0	0	0	0	0	0
Gymnodiniaceae	65	1	0	0	0	0
Gymnodiniales	81	42	0	17	60	33
Gymnodinium aureolum	384	265	1603	960	48	558
Gymnodinium dorsalisulcum	1522	3192	424	447	1306	1768
Hacrobia	514	512	387	273	50	357
Halacaridae	0	0	0	3	217	0
Halacaroides antoniazziae	0	6	6	19	0	0
Haliphthorales	180	154	16	6	18	329
Haliphthorales X	0	0	0	0	12	35
Haliphthorales X sp.	0	20	0	0	0	0
Haliphthoros	40	169	9	27	163	164
Haliphthoros family incertae	0	0	0	0	0	0
Hanseniaspora	0	0	0	0	0	0
Haplosporida	186	353	279	128	106	385
Haplosporidiidae order incer	19	29	7	3	0	13
Haptophyta Clade HAP4 X	258	114	1	1	6	49
Haramonas	0	0	23	0	0	3
Harpacticidae	0	0	0	0	1642	4
Harpacticoida	71	85	385	239	463	441
Helotiaceae	0	0	0	0	0	0
Herdmania (Amphidiniopsid	438	0	14	0	45	141
Herpotrichiellaceae	0	18	34	18	0	0
Heterobranchia	0	0	100	0	0	0
Heterocapsa	14508	7998	8460	3467	2260	7538
Hilomonadea	20	108	0	14	24	199
Himatismenida	0	0	0	0	0	0
Howeina	0	0	611	185	0	0
Hydrozoa	0	14	0	4	0	148
Hymenomonas globosa	12	21	0	2	0	0
Hyphochytriaceae	4309	1846	1055	427	112	6590
Hyphochytriales	295	509	103	104	103	128
Hypocreales	114	170	194	75	269	623
Hypotruchia XX sp.	0	0	1	0	2	2
Ichthyosphonida	63	1	3	7	0	17
Ichthyosporea	9	0	2	2	0	45
Incertae Sedis (Cryptomycot	0	0	1	0	0	20
Incertae Sedis (Incertae Sed	0	0	7	3	6	14
Incertae Sedis (Pleosporales	61	22	47	38	0	22
Incertae Sedis (Sordariomyc	0	6	12	1	7	0
Isochrysidaceae	338	466	40	61	29	104
Isochrysidales	335	286	35	34	128	72
Katablepharidales	0	10	2	0	0	0

Taxa	St.5A	St.5B	St.6A	St.6B	St.9C	St.9D
Kathablepharis	0	0	0	0	0	0
Kuma	0	0	0	28	5	0
Labyrinthulaceae	3670	6506	441	349	602	1860
Labyrinthulaceae X	1154	1551	174	193	294	2996
Labyrinthulales	181	378	368	214	599	890
Labyrinthulomycetes	479	439	117	42	173	300
Labyrinthulomycetes X	0	8	0	0	0	18
Labyrinthulomycetes XX	2	23	0	0	0	0
Labyrinthulomycetes XXX	0	0	0	0	0	0
Lacrymariidae	0	0	0	1	2	0
Lagenidium	0	0	0	0	13	17
Lankesteria ascidiae	49	43	54	18	0	0
Lankesteria chelyosomae	0	5	0	0	0	20
Lecudina	571	2686	1353	1433	0	0
Lecudinidae	23	266	22	35	2208	3683
Leotiomyces	0	16	38	6	16	41
Leptocylindrus minimus	8	39	62	12	24	253
Leptocythere lacertosa	0	0	0	0	3853	1
Leptostraca	0	0	0	0	0	1694
Leptosynapta	37	249	4	0	47	0
Levanderina fissa	3500	5119	247	206	1267	3601
Licmophora	0	0	0	3	56	0
Lingulodinium polyedra	0	0	9	4	0	0
Linhomoeidae	615	2	1311	272	151	639
Lipomycetaceae	0	0	33	18	0	11
Litinium	0	0	0	0	676	0
Litostomatea	0	0	0	0	9	0
Litostomatea XX	34	11	6	0	43	20
Litostomatea XXX	147	0	0	0	0	0
LKM11	783	1215	612	434	316	2399
LKM15	109	169	109	94	12	187
Lobosa	8	1	36	63	9	24
Lobosa X	21	210	6	26	35	136
Lobulomyces	273	134	23	54	121	36
Lobulomyces poculatus	0	3	0	0	0	0
Lobulomycetaceae	1822	739	166	239	717	382
Lotharella	19	19	3	2	0	4
Lulworthiales	0	3	0	9	0	28
Lynnella semiglobulosa	0	0	0	0	0	0
Macrodasys	679	0	15	0	221	0
Mamiella gilva	200	280	107	123	47	467
Mamiellales	109	168	60	34	79	261
Mantamonas plastica	0	0	0	0	0	0
Mantoniella	623	469	285	113	4	314
Marimonadida	1039	415	78	99	367	319
Marimonadida X	128	117	30	45	73	60
Marimonadida XX	1260	896	505	255	274	1001

Taxa	St.5A	St.5B	St.6A	St.6B	St.9C	St.9D
Massisteria marina	0	5	0	3	0	8
MAST-1	232	51	9	0	14	0
MAST-12	507	540	267	190	126	476
MAST-12 XX	238	140	134	99	37	63
MAST-12 XXX	0	10	22	11	0	0
MAST-12A	169	63	37	2	24	73
MAST-12A X	1676	2697	1107	826	656	1551
MAST-12A XX	7093	6512	5427	2686	3325	6707
MAST-12B	0	32	20	0	0	0
MAST-12B X	0	0	24	0	0	0
MAST-12B XX	0	8	34	10	16	58
MAST-12E	9	56	61	19	19	38
MAST-12E X	4	38	39	1	12	45
MAST-12E XX	277	107	33	25	35	53
MAST-1C XX	4361	6574	4070	2007	1656	6098
MAST-22B XX	0	0	0	0	0	7
MAST-3J X	0	4	0	0	0	0
MAST-3J XX	0	13	0	0	6	0
MAST-4	0	0	9	0	0	0
MAST-4D	34	0	9	7	5	2
MAST-4E	0	0	0	0	0	0
MAST-6 X	7	80	7	0	13	0
MAST-6 XX	14	0	0	17	36	19
MAST-6 XXX	450	809	735	450	103	575
MAST-8	0	1	2	0	14	0
MAST-9A X	10	0	3	1	101	28
MAST-9A XX	71	84	37	11	186	103
MAST-9D XX	102	60	54	61	24	150
Mataza hastifera	0	0	0	0	0	0
Mataza-lineage X	2706	1188	1013	446	395	2537
Maxillopoda	0	180	113	223	1894	87
Mesomycetozoa	5	107	7	7	10	42
Metachromadora	0	0	0	0	3778	0
Metarhombognathus armat	0	0	0	0	4	38
Metazoa	358	353	156	1791	123	42
Metschnikowia	1883	728	91	45	79	40
Micromonas	79	229	38	92	64	243
Microstomidae	0	0	0	0	0	0
Microthamniales X	54	11	9	3	0	15
Minidiscus	0	0	0	0	49	0
Minidiscus comicus	35	69	0	0	0	119
MOCH-2 XX	0	16	0	2	0	0
MOCH-5 XXX	35	42	23	12	7	141
Molgolaimus demani	359	561	1	0	0	760
Molgula	0	0	5	5	0	0
Molgulidae	0	0	0	0	11	0
Monhysterida	840	2032	8617	1493	2395	3109

Taxa	St.5A	St.5B	St.6A	St.6B	St.9C	St.9D
Monilophyta	23	32	19	1	3	0
Monosigidae Group B X	0	0	0	0	0	0
Monostilifera	0	0	0	0	0	0
Montacutidae	0	0	0	52	0	0
Mopaliidae	0	2	0	0	0	0
Mortierellales	33	4	19	8	0	0
Mrakiaceae	12	0	5	3	0	0
Mucor	0	35	17	5	0	0
Mucorales	8	15	33	15	6	0
Mucoromycota	0	10	12	0	22	57
Mucoromycotina	9	0	27	20	0	0
Mugilogobius platynotus (fla	8	24	0	0	0	29
Mycosphaerellaceae	0	0	0	0	0	0
Mytiliniaceae	21	2	10	1	16	3
Mytilus edulis	0	0	0	0	0	0
Nadsonia	0	17	0	0	0	17
Nannochloris sp.	61	46	14	10	0	0
Nannochloropsis	68	128	81	56	0	0
Nanofrustulum shiloi	1949	1797	183	462	275	1884
Nassophorea	8	0	0	0	0	9
Navicula sclesviscensis	0	0	0	0	0	0
NC12A-lineage	9	7	0	0	0	32
NC12B-lineage	0	3	0	0	0	8
NC12B-lineage X	125	35	0	4	0	5
Nematodinium	0	0	3	0	0	0
Neocallimastigales	0	41	14	0	0	0
Neocallimastigomycetes	0	7	25	20	0	0
Neogregarinorida	49	28	66	8	122	81
Neoelectales	0	0	0	4	0	8
Neoelectales class incertae s	0	5	0	0	0	0
Nephroselmis	119	82	12	0	95	60
Nephroselmis astigmatica	0	0	2	0	184	0
Nephroselmis rotunda	23	6	0	0	15	0
Nicolea	0	0	0	0	0	0
Nitzschia	245	61	0	0	0	0
Noelaerhabdaceae	3	7	0	0	0	10
Novel-clade-12	91	5	27	21	0	256
Novel-clade-2	111	105	141	111	62	313
Novel-clade-2 X	556	405	192	78	82	719
Novel-clade-3	0	5	7	0	0	14
Novel-clade-3 X	77	180	83	3	13	9
Novel-clade-9	312	111	23	12	47	68
Novel-clade-9 X	27	50	3	11	4	98
Novel-clade-9 XX	0	0	0	5	0	0
Novel-Gran-1	43	28	0	3	0	16
Novel-Gran-1 X	0	0	0	0	15	0
Novel-Gran-234 X	0	6	3	0	0	0



Taxa	St.5A	St.5B	St.6A	St.6B	St.9C	St.9D
Novel-Massiteriidae X	252	130	114	13	0	284
Nucleariida	22	0	0	0	0	6
Nudora ilhabelae	0	0	0	0	25	0
Nusuttodinium poecilochrou	57	11	0	0	20	16
Obelia	0	0	0	0	0	0
Oblongichytrium	0	1	1	37	12	0
Ochlochaete hystrix	0	0	2209	5846	201	0
Ochromonas triangulata	102	425	17	34	122	2926
Ochrophyta	541	595	20052	88054	183462	842
Odontorhynchus aculeatus	0	0	5175	0	5	0
Oikopleuridae	0	0	0	0	0	0
Oligohymenophorea	0	42	24	42	0	0
Olisthodiscus luteus	754	200	49	24	24	0
Olpidiopsis	60	38	37	9	22	16
Olpidiopsis family incertae s	0	12	0	0	85	7
Olpidophydiales X sp.	0	1	0	0	7	0
Oltmannsiellopsis	32	73	23	7	0	0
Oomycota	6858	7149	1312	1638	2829	4337
Oomycota XX	0	0	0	0	0	33
Oomycota XXX	157	243	30	56	332	202
Oomycota XXX sp.	79	169	231	126	1268	376
op14-lineage	191	79	43	34	1	13
op14-lineage X	131	41	19	13	57	85
Opephora sp.	229	114	19	16	0	14
Oxystomina	0	0	0	0	0	0
Paracanthochus	0	0	10	0	0	0
Paracercomonas	0	0	0	0	0	0
Paradinida	0	0	0	0	0	0
Paradinida XX	99	0	6	24	23	19
Paradinida XX sp.	58	23	45	3	7	478
Paragymnodinium	9	0	11	1	0	11
Paramicrosporidium	272	325	129	77	168	114
Paramicrosporidium family	0	9	9	0	0	7
Paramphiascella fulvofascia	0	375	464	0	617	31
Pareurystomina	0	0	0	0	331	0
Parmales	0	7	6	1	0	0
Parmales env 2	0	0	3	0	0	0
Parmales env 2 X	21	18	97	28	11	47
Parvamoebidae	0	0	0	0	24	0
Parvilucifera	0	0	0	0	2	0
Parvilucifera sinerae	22	0	2	0	0	0
Paulinella	85	64	41	21	78	150
Paulinellidae	322	177	37	15	39	306
Paulsenella vonstoschii	124	119	136	43	10	197
Pedinellales	2211	1763	5723	1595	867	902
Pedinellales X sp.	326	255	333	93	115	346
Pelagodinium	46	109	92	25	46	240

Taxa	St.5A	St.5B	St.6A	St.6B	St.9C	St.9D
Pelagodinium beii	5524	4065	2250	1233	1539	7520
Pelagomonadales clade A1	98	187	53	43	21	241
Pelagophyceae	1084	1229	152	85	41	308
Pelagostrobilidium	0	0	121	228	0	0
Penicillium lagena	0	3	25	15	56	4
Pentapharsodinium	1707	454	1201	458	25	603
Peridinales	35	0	4	4	0	20
Peritromidae	5	18	0	0	0	0
Perkinsea	810	435	0	0	3620	38
Perkinsida class incertae sed	80	3	0	0	2	69
Perkinsida X	2625	2430	517	350	58	2233
Perkinsida XXX	916	89	10	7	30	6
Peronosporales	38	18	2	0	0	13
Phaeophila dendroides	0	0	7	850	30	12
Phaeophyceae	7	0	1	3	8	13
Phaeophyceae XX	288	1124	3235	16616	12180	1605
Phagomyxa	28	105	37	38	38	323
Phagomyxida	409	202	59	28	291	368
Phagomyxidae	734	720	175	135	371	1258
Phallusia nigra	0	10	33	18	0	22
Pheopolykrikos beauchampii	12566	14144	26552	22173	7189	11461
Philasterida	0	0	0	0	0	0
Pholoe	0	0	1000	0	103	0
Phoma herbarum	0	0	0	6	0	0
Phoroniformea	0	0	0	0	135	0
Phyllodocida	0	0	2	1	0	0
Pierrecomperia catenuloides	210	306	107	49	3	22
Pinophyta	0	0	5	0	0	20
Pirsonia	19842	8179	2273	776	1266	7821
Pirsonia Clade X	123	29	2	14	64	291
Pirsonia Clade XX	81	83	5	2	70	28
Placorhynchidae	0	0	0	0	0	0
Plagiogramma sp.	49	28	0	13	33	221
Plagiostriata goreensis genu	1452	2589	143	182	114	2129
Planothidium	9	13	13	63	590	98
Plasmodiophorida	145	113	60	30	16	50
Plasmodiophorida X	36	15	3	1	2	13
Plasmodiophorida XX	13	6	11	8	0	0
Platyhelminthes	0	0	0	0	0	0
Plectosphaerellaceae	5	56	13	38	0	16
Pleosporales	213	127	221	160	121	84
Pleurostomatida X sp.	15	0	0	0	4	0
Ploimida	28	119	129	180	49	83
Podocopida	11	128	325	5482	1173	1
Polar-centric-Mediophyceae	430	597	107	193	1693	611
Polychaeta	0	0	0	0	0	0
Polycope	0	0	0	0	0	0

Taxa	St.5A	St.5B	St.6A	St.6B	St.9C	St.9D
Polycystididae	0	0	0	0	42	2
Polykrikos kofoidii	22	8	0	0	0	0
Polyplacariidae	5	2962	1114	1433	1511	244
Polyplacarium	22798	30025	2659	928	91	13224
Pontocypris mytiloides	0	0	0	0	6116	0
Pontonema vulgare	0	0	330	9910	0	0
Porifera	6	0	0	0	0	0
Porphyridiales X	0	52	13	3	0	0
Porphyridiales-2	0	59	0	4	14	7
Porphyridium	0	0	13	18	0	0
Prasino-Clade-VIII XXX	63	69	4	8	0	61
Prasinococcales-Clade-B	9	41	7	10	11	80
Prasinococcales-Clade-B X	81	398	41	51	37	238
Prasinoderma	39	82	32	12	5	31
Prasinoderma coloniale	80	199	64	13	2	11
Prasinopapilla	52	0	20	0	0	0
Preaxostyla	14	0	0	0	0	48
Prorocentraceae	0	24	43	192	0	26
Prorocentrales	0	12	0	0	0	21
Prorocentrum	316	349	98	103	57	300
Prorocentrum foraminosum	72	85	36	0	18	71
Prorocentrum fukuyoi	0	7	0	0	9	5
Protaspa-lineage	685	545	845	437	586	1471
Protaspa-lineage X	3508	2976	1929	868	1958	2701
Protoceratium reticulatum	14	28	12	0	0	75
Protodinium	166	184	109	47	22	433
Protodinium simplex	609	440	328	152	39	974
Protodorvillea	0	0	40	116	0	0
Protogastrostyla	0	0	0	0	0	30
Protoperidiniaceae	2801	4157	5003	4105	102	3693
Protoperidinium claudicans	0	0	0	0	0	0
Protoperidinium punctulatur	47	0	203	13	0	0
Prototheca	0	0	0	0	0	12
Prototrachelocerca	52	0	0	0	26	0
Prymnesiaceae	70	26	0	0	0	0
Prymnesiophyceae	321	499	192	152	275	1166
Pseudocohnilembus	0	0	0	0	0	0
Pseudodifflugiidae X	0	0	0	0	0	0
Pseudofungi	194	43	24	8	46	99
Pseudopedinella	23	0	0	0	6	0
Pseudopedinella elastica	1025	575	561	217	66	239
Pseudoperkinsidae	96	83	88	17	266	183
Pseudopirsonia	0	35	29	61	24	22
Pterosperma cristatum	0	38	0	8	0	0
Pycnococcaceae	824	3155	809	686	2724	2013
Pylaiella littoralis	84	54	11	207	487	0
Pyramimonadales	588	555	257	133	242	719

Taxa	St.5A	St.5B	St.6A	St.6B	St.9C	St.9D
Pyramimonas	1360	1435	499	166	916	1593
Pyrus x bretschnideri	0	0	13	0	12	5
RAD-B	0	0	0	0	0	0
Radiolaria	0	0	0	0	233	0
Radiolaria XXX	27	0	4	32	0	11
Raphid-pennate X sp.	52	17	0	0	20	41
Raphidophyceae X	1588	257	194	126	12	315
Raphidophyceae XX	31	4	0	0	0	0
RCC391	16	7	12	4	6	42
Reckertia	0	24	4	0	4	0
Reckertia filosa	0	18	0	0	20	11
Rhabdozoa	52	3	1	7105	1163	1
Rhizaria	115	189	61	17	98	199
Rhizophydiales	583	438	71	11	30	197
Rhizophyidium	20	41	12	1	9	1670
Rhodella	0	19	0	0	0	0
Rhodellales	109	9	31	0	0	16
Rhodomelaceae	0	0	0	1	1286	1
Rhodophyta (phylum)	0	0	5	0	0	0
Rhodorus	8	42	7	5	31	83
Rhodorus marinus	0	53	5	3	0	54
Rhombognathus levigatoide	0	0	42	49	0	0
Rhynosporidae X	0	0	0	0	24	0
Rhynosporidae X sp.	90	207	0	0	136	29
Rictus	0	0	23	34	0	0
Rimostrombidium A	0	0	0	0	0	0
Roombia	0	0	0	0	0	14
Rozella	117	12	4	4	0	0
Rozella family incertae sedi	0	0	0	0	6	36
Russulales	0	0	0	4	0	20
Ruthnielsenia tenuis	62	0	70	77	71	0
Saccharomycetales	52	123	113	52	90	37
Saccharomycetes	0	46	7	9	13	29
Sagenista	821	156	30	19	98	196
Sagittozoa	0	0	0	0	1818	0
SAR	9685	5466	5410	2280	2162	10225
Sarcinochrysidaceae	23147	28149	2109	1330	2341	5306
Sarcinochrysidales	0	0	33	17	21	0
Sarsia lovenii	0	0	3	0	117	0
Sclerotiniaceae	0	12	0	3	0	0
Scoloplos armiger	0	10	17	3	53	0
Scrippsiella precaria	107	10	106	11	0	56
Selenidium1	2	4	1	6	56	153
Semicytherura striata	0	4435	127	9001	46	11141
Sey055-lineage X	21	2	6	4	19	29
Sicyoidochytrium	0	0	0	0	0	0
Sirobasidium	68	0	0	0	0	0

Taxa	St.5A	St.5B	St.6A	St.6B	St.9C	St.9D
Sistotrema	0	38	18	14	14	22
Sordariomycetes	344	412	717	340	199	272
Sphaeropleales X	35	9	4	3	7	8
Sphagnum palustre	0	19	10	0	11	0
Spiniferodinium	839	1385	83	42	117	11
Spionida	0	0	0	0	0	4563
Spionidae	0	0	0	0	176	0
Spirinia parasitifera	176	3104	4673	2367	20652	5399
Spirotrichea	462	153	209	168	0	8
Spizellomycetales	16	16	4	28	19	33
Stephanoecidae Group H X	0	0	0	0	0	0
Stoeckeria	345	117	216	129	10	100
Stramenopiles	1222	1672	1983	5211	6553	4581
Stramenopiles X-Group-7 XX	0	0	10	2	18	31
Stramenopiles XX	0	6	0	0	0	0
Stramenopiles XXX	31	322	11	21	6	46
Stramenopiles XXXX	8	0	0	1	11	28
Stramenopiles XXXXX	492	292	469	291	198	1213
Strobilidiidae G X	0	0	0	0	0	0
Strobilidium F	0	0	33	14	0	0
Strombidiida	1041	504	891	308	2040	947
Strombidiidae	0	0	0	0	0	0
Strombidinopsis	0	143	0	0	0	47
Strombidinopsis sinicum	0	0	0	0	0	223
Strombidium	12	0	29	20	0	0
Strombidium capitatum	0	0	51	3	0	157
Strombidium K	0	0	48	2	0	0
Styelidae	0	0	0	0	0	0
Stygamoeba	117	11	0	0	0	0
Suessiaceae	4960	2914	6905	1706	429	4172
Suessiaceae X	1097	1788	723	647	315	1066
Suessiales	26	264	53	57	97	307
Suessiales X	0	97	175	0	0	60
Syllidae	0	0	0	7	3932	0
Syllidia	0	0	0	43	0	0
Symbiodiniaceae	679	1330	4	0	0	0
Symbiodinium	97	1066	275	278	651	528
Symplocostoma	0	0	0	0	0	0
Syndiniales	7	13	0	3	0	0
Syndiniales class incertae se	0	42	5	2	0	0
Syringolaimus	0	0	0	0	95	0
TAGIR11-lineage	179	205	159	114	101	1158
TAGIR11-lineage X	4861	3175	5133	1916	2038	7912
Talaromyces	0	0	17	0	7	12
Taphrina	0	0	0	0	0	0
Telonemia-Group-1	0	21	6	0	15	0
Temora longicornis	0	0	751	42	0	0

Taxa	St.5A	St.5B	St.6A	St.6B	St.9C	St.9D
Terebellidae	0	0	0	0	41	0
Tetraselmis	29	17	7	5	23	10
Tetraselmis marina	92	135	20	3	20	42
Thalassiosira	100	1	12	6	53	12
Thalassiosira concavuscula	48	4	0	0	0	17
Thalassiosira delicatula	10	17	0	0	0	0
Thalassiosira oceanica	0	0	0	0	0	0
Thalassoalaimus	0	0	0	0	0	0
Thaumastoderma ramulifer	0	0	0	0	11	0
Thaumatomastix	0	0	3	12	49	7
Thaumatomonadida	190	75	48	8	68	121
Thaumatomonadida X	358	480	125	3	9	112
Thaumatomonadida XX	437	441	260	205	218	1112
Thaumatomonadidae	61	55	15	6	0	201
Thecadinium inclinatum	779	37	0	0	0	0
Theristus	0	0	0	0	12	0
Thoracosphaeraceae	112	44	39	17	0	108
Thoracosphaeraceae X	279	81	52	202	69	68
Thraustochytriaceae	568	553	408	204	262	692
Thraustochytriaceae X	0	11	0	0	0	14
Thraustochytriales order inc	54	200	1107	1201	1806	304
Thraustochytrium	0	22	0	0	0	3
Tintinnida	0	35	5	0	0	0
Tintinnida XX	42	15	83	6	0	58
Tintinnidium mucicola	0	0	0	0	0	0
Tintinnopsis 05	30	38	137	33	12	0
Tintinnopsis 07	22	67	551	61	42	0
Tonicella lineata	0	0	0	5	0	0
Trachelocercidae	649	44	0	0	0	21
Trebouxiophyceae	450	496	151	87	25	48
Trebouxiophyceae X	27	19	19	404	2	0
Trechispora alnicola	0	12	6	5	8	7
Trichoderma	0	0	0	0	0	0
Trichomonascaceae	50	88	139	75	81	114
Trichosporonaceae	0	13	17	3	0	18
Trigonostomum venenosum	0	0	0	0	0	0
Tripyloides	1090	0	5	506	49	0
Tubifex tubifex (sludge worr	0	0	2	35	0	11430
Tubulinea	148	118	29	11	92	589
Ulotrichales X	379	43	341	2198	6169	126
Ulva	20	4	190	290	1732	2
Ulvales-relatives X	1688	317	3512	13300	2847	158
Ulvophyceae	0	9	33	246	188	0
Umbelopsidaceae	0	0	0	0	0	0
Umbelopsis	121	36	66	28	30	26
Uncinocythere occidentalis	0	0	162	1329	1087	44
unclassified Oncholaimidae	4	0	116	27	312	0

Taxa	St.5A	St.5B	St.6A	St.6B	St.9C	St.9D
unclassified Thoracostomop	0	0	0	0	2	0
Urosporidae	5	0	0	0	0	0
Urotricha	0	0	11	10	16	0
Vampyrellida	1048	1052	419	251	2686	1907
Vampyrellida X	42	17	6	1	4	16
Variosea X	43	35	1	1	0	15
Ventricleftida	593	161	74	47	3	122
Ventricleftida X	146	14	3	5	0	17
Ventricleftida XX	4548	1452	554	184	178	1513
Ventrifissura	0	29	8	2	0	0
Ventrifissuridae	0	3	0	9	17	102
Ventrifissuridae X	1166	303	206	110	35	490
Verrucomonas	0	0	0	11	166	0
Vishniacozyma	0	0	11	1	0	16
Wallemia	0	6	16	3	0	0
Wallemia ichthyophaga EXF	0	32	3	3	0	0
Watanabea-Clade XX	12	3	0	0	27	0
Wickerhamomyces	0	0	7	2	0	0
Xyalidae	33	131	0	0	288	0
Xylariales	15	18	21	1	0	11
Yarrowia	0	0	0	0	0	0
Zoopagomycota	0	0	0	0	0	0
Zostera	7461	5713	996	623	859	712
Zosteraceae	77	5	3	0	0	0
Zosteraceae order incertae s	16	12	1	3	4	0
Elysia	0	0	305	0	0	0
Mucor	0	1	2	2	5	6