

Table 2. List of taxonomic ranges (up to 4th level) listed in the Pfam database and their taxonomic rank.

Number	Taxonomic range (upto 4th level)	Taxonomic rank
1	Archaea; Crenarchaeota; Thermoprotei; Cenarchaeales	superkingdom; phylum; class; order
2	Archaea; Crenarchaeota; Thermoprotei; Desulfurococcales	superkingdom; phylum; class; order
3	Archaea; Crenarchaeota; Thermoprotei; Sulfolobales	superkingdom; phylum; class; order
4	Archaea; Crenarchaeota; Thermoprotei; Thermoproteales	superkingdom; phylum; class; order
5	Archaea; Euryarchaeota; Archaeoglobi; Archaeoglobales	superkingdom; phylum; class; order
6	Archaea; Euryarchaeota; Halobacteria; Halobacteriales	superkingdom; phylum; class; order
7	Archaea; Euryarchaeota; Methanobacteria; Methanobacteriales	superkingdom; phylum; class; order
8	Archaea; Euryarchaeota; Methanococci; Methanococcales	superkingdom; phylum; class; order
9	Archaea; Euryarchaeota; Methanomicrobia; Methanomicrobiales	superkingdom; phylum; class; order
10	Archaea; Euryarchaeota; Methanomicrobia; Methanosarcinales	superkingdom; phylum; class; order
11	Archaea; Euryarchaeota; Methanopyri; Methanopyrales	superkingdom; phylum; class; order
12	Archaea; Euryarchaeota; Thermococci; Thermococcales	superkingdom; phylum; class; order
13	Archaea; Euryarchaeota; Thermoplasmata; Thermoplasmatales	superkingdom; phylum; class; order
14	Bacteria; Acidobacteria; Acidobacteriales; Acidobacteriaceae	superkingdom; phylum; order; family
15	Bacteria; Actinobacteria; Acidimicrobiales; Acidimicrobiales	superkingdom; phylum; subclass; order
16	Bacteria; Actinobacteria; Actinobacteridae; Actinomycetales	superkingdom; phylum; subclass; order
17	Bacteria; Actinobacteria; Actinobacteridae; Bifidobacteriales	superkingdom; phylum; subclass; order
18	Bacteria; Actinobacteria; Rubrobacteridae; Rubrobacteriales	superkingdom; phylum; subclass; order
19	Bacteria; Aquificae; Aquificales; Aquificaceae	superkingdom; phylum; order; family
20	Bacteria; Bacteroidetes; Flavobacteria; Flavobacteriales	superkingdom; phylum; class; order
21	Bacteria; Bacteroidetes; Sphingobacteria; Sphingobacteriales	superkingdom; phylum; class; order
22	Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae	superkingdom; phylum; order; family
23	Bacteria; Chlamydiae; Chlamydiales; Parachlamydiaceae	superkingdom; phylum; order; family
24	Bacteria; Chlamydiae; Chlamydiales; Simkaniaceae	superkingdom; phylum; order; family
25	Bacteria; Chlamydiae; Chlamydiales; Waddliaceae	superkingdom; phylum; order; family
26	Bacteria; Chlorobi; Chlorobia; Chlorobiales	superkingdom; phylum; class; order
27	Bacteria; Chloroflexi; Chloroflexales; Chloroflexaceae	superkingdom; phylum; order; family
28	Bacteria; Chloroflexi; Herpetosiphonales; Herpetosiphonaceae	superkingdom; phylum; order; family
29	Bacteria; Cyanobacteria; Chroococcales; Aphanothece	superkingdom; phylum; order; genus
30	Bacteria; Cyanobacteria; Chroococcales; Chroococcus	superkingdom; phylum; order; genus
31	Bacteria; Cyanobacteria; Chroococcales; Crocosphaera	superkingdom; phylum; order; genus
32	Bacteria; Cyanobacteria; Chroococcales; Cyanobium	superkingdom; phylum; order; genus
33	Bacteria; Cyanobacteria; Chroococcales; Cyanothece	superkingdom; phylum; order; genus
34	Bacteria; Cyanobacteria; Chroococcales; Dactylococcopsis	superkingdom; phylum; order; genus
35	Bacteria; Cyanobacteria; Chroococcales; Gloeobacter	superkingdom; phylum; order; genus
36	Bacteria; Cyanobacteria; Chroococcales; Gloeocapsa	superkingdom; phylum; order; genus
37	Bacteria; Cyanobacteria; Chroococcales; Gloeotheca	superkingdom; phylum; order; genus
38	Bacteria; Cyanobacteria; Chroococcales; Microcystis	superkingdom; phylum; order; genus
39	Bacteria; Cyanobacteria; Chroococcales; Synechococcus	superkingdom; phylum; order; genus
40	Bacteria; Cyanobacteria; Chroococcales; Synechocystis	superkingdom; phylum; order; genus
41	Bacteria; Cyanobacteria; Chroococcales; Thermosynechococcus	superkingdom; phylum; order; genus
42	Bacteria; Cyanobacteria; Nostocales; Microchaetaceae	superkingdom; phylum; order; family
43	Bacteria; Cyanobacteria; Nostocales; Nostocaceae	superkingdom; phylum; order; family
44	Bacteria; Cyanobacteria; Nostocales; Rivulariaceae	superkingdom; phylum; order; family
45	Bacteria; Cyanobacteria; Nostocales; Scytonemataceae	superkingdom; phylum; order; family
46	Bacteria; Cyanobacteria; Oscillatoriales; Arthrospira	superkingdom; phylum; order; genus
47	Bacteria; Cyanobacteria; Oscillatoriales; Geitlerinema	superkingdom; phylum; order; genus
48	Bacteria; Cyanobacteria; Oscillatoriales; Katagnymene	superkingdom; phylum; order; genus
49	Bacteria; Cyanobacteria; Oscillatoriales; Leptolyngbya	superkingdom; phylum; order; genus
50	Bacteria; Cyanobacteria; Oscillatoriales; Lyngbya	superkingdom; phylum; order; genus
51	Bacteria; Cyanobacteria; Oscillatoriales; Microcoleus	superkingdom; phylum; order; genus
52	Bacteria; Cyanobacteria; Oscillatoriales; Oscillatoria	superkingdom; phylum; order; genus
53	Bacteria; Cyanobacteria; Oscillatoriales; Phormidium	superkingdom; phylum; order; genus
54	Bacteria; Cyanobacteria; Oscillatoriales; Planktothrix	superkingdom; phylum; order; genus
55	Bacteria; Cyanobacteria; Oscillatoriales; Plectonema	superkingdom; phylum; order; genus
56	Bacteria; Cyanobacteria; Oscillatoriales; Spirulina	superkingdom; phylum; order; genus
57	Bacteria; Cyanobacteria; Oscillatoriales; Symploca	superkingdom; phylum; order; genus
58	Bacteria; Cyanobacteria; Oscillatoriales; Trichodesmium	superkingdom; phylum; order; genus
59	Bacteria; Cyanobacteria; Oscillatoriales; Tychonema	superkingdom; phylum; order; genus
60	Bacteria; Cyanobacteria; Pleurocapsales; Crococcidiopsis	superkingdom; phylum; order; genus
61	Bacteria; Cyanobacteria; Pleurocapsales; Dermocarpa	superkingdom; phylum; order; genus
62	Bacteria; Cyanobacteria; Pleurocapsales; Myxosarcina	superkingdom; phylum; order; genus
63	Bacteria; Cyanobacteria; Pleurocapsales; Pleurocapsa	superkingdom; phylum; order; genus
64	Bacteria; Cyanobacteria; Pleurocapsales; Stanieria	superkingdom; phylum; order; genus
65	Bacteria; Cyanobacteria; Pleurocapsales; Xenococcus	superkingdom; phylum; order; genus
66	Bacteria; Cyanobacteria; Prochlorophytes; Prochloraceae	superkingdom; phylum; no rank; family
67	Bacteria; Cyanobacteria; Prochlorophytes; Prochlorococaceae	superkingdom; phylum; no rank; family
68	Bacteria; Cyanobacteria; Prochlorophytes; Prochlorothricaceae	superkingdom; phylum; no rank; family
69	Bacteria; Cyanobacteria; Stigonematales; Chlorogloeopsis	superkingdom; phylum; order; genus

70	Bacteria; Cyanobacteria; Stigonematales; Fischerella	superkingdom; phylum; order; genus
71	Bacteria; Cyanobacteria; Stigonematales; Hapalosiphon	superkingdom; phylum; order; genus
72	Bacteria; Cyanobacteria; Stigonematales; Mastigocladus	superkingdom; phylum; order; genus
73	Bacteria; Deferribacteres; Deferribacterales; Deferribacteraceae	superkingdom; phylum; order; family
74	Bacteria; Deinococcus-Thermus; Deinococci; Deinococcales	superkingdom; phylum; class; order
75	Bacteria; Deinococcus-Thermus; Deinococci; Thermales	superkingdom; phylum; class; order
76	Bacteria; Dictyoglomi; Dictyoglomales; Dictyoglomaceae	superkingdom; phylum; order; family
77	Bacteria; Fibrobacteres; Fibrobacterales; Fibrobacteraceae	superkingdom; phylum; order; family
78	Bacteria; Firmicutes; Bacillales; Alicyclobacillaceae	superkingdom; phylum; order; family
79	Bacteria; Firmicutes; Bacillales; Bacillaceae	superkingdom; phylum; order; family
80	Bacteria; Firmicutes; Bacillales; Gemella	superkingdom; phylum; order; genus
81	Bacteria; Firmicutes; Bacillales; Listeriaceae	superkingdom; phylum; order; family
82	Bacteria; Firmicutes; Bacillales; Macrococci	superkingdom; phylum; order; genus
83	Bacteria; Firmicutes; Bacillales; Paenibacillaceae	superkingdom; phylum; order; family
84	Bacteria; Firmicutes; Bacillales; Planococcaceae	superkingdom; phylum; order; family
85	Bacteria; Firmicutes; Bacillales; Sporolactobacillaceae	superkingdom; phylum; order; family
86	Bacteria; Firmicutes; Bacillales; Staphylococcus	superkingdom; phylum; order; genus
87	Bacteria; Firmicutes; Bacillales; Thermoactinomycetaceae	superkingdom; phylum; order; family
88	Bacteria; Firmicutes; Clostridia; Clostridiales	superkingdom; phylum; class; order
89	Bacteria; Firmicutes; Clostridia; Halanaerobiales	superkingdom; phylum; class; order
90	Bacteria; Firmicutes; Clostridia; Thermoanaerobacteriales	superkingdom; phylum; class; order
91	Bacteria; Firmicutes; Lactobacillales; Aerococcaceae	superkingdom; phylum; order; family
92	Bacteria; Firmicutes; Lactobacillales; Carnobacteriaceae	superkingdom; phylum; order; family
93	Bacteria; Firmicutes; Lactobacillales; Enterococcaceae	superkingdom; phylum; order; family
94	Bacteria; Firmicutes; Lactobacillales; Lactobacillaceae	superkingdom; phylum; order; family
95	Bacteria; Firmicutes; Lactobacillales; Leuconostoc	superkingdom; phylum; order; genus
96	Bacteria; Firmicutes; Lactobacillales; Oenococcus	superkingdom; phylum; order; genus
97	Bacteria; Firmicutes; Lactobacillales; Streptococcaceae	superkingdom; phylum; order; family
98	Bacteria; Firmicutes; Lactobacillales; Weissella	superkingdom; phylum; order; genus
99	Bacteria; Firmicutes; Mollicutes; Acholeplasmatales	superkingdom; phylum; class; order
100	Bacteria; Firmicutes; Mollicutes; Anaeroplasmatales	superkingdom; phylum; class; order
101	Bacteria; Firmicutes; Mollicutes; Entomoplasmatales	superkingdom; phylum; class; order
102	Bacteria; Firmicutes; Mollicutes; Mycoplasmataceae	superkingdom; phylum; class; family
103	Bacteria; Fusobacteria; Fusobacteriales; Fusobacteriaceae	superkingdom; phylum; order; family
104	Bacteria; Nitrospirae; Nitrospirales; Nitrospiraceae	superkingdom; phylum; order; family
105	Bacteria; Planctomycetes; Planctomycetacia; Planctomycetales	superkingdom; phylum; class; order
106	Bacteria; Proteobacteria; Alphaproteobacteria; Caulobacterales	superkingdom; phylum; class; order
107	Bacteria; Proteobacteria; Alphaproteobacteria; Rhizobiales	superkingdom; phylum; class; order
108	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodobacterales	superkingdom; phylum; class; order
109	Bacteria; Proteobacteria; Alphaproteobacteria; Rhodospirillales	superkingdom; phylum; class; order
110	Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales	superkingdom; phylum; class; order
111	Bacteria; Proteobacteria; Alphaproteobacteria; Sphingomonadales	superkingdom; phylum; class; order
112	Bacteria; Proteobacteria; Betaproteobacteria; Burkholderiales	superkingdom; phylum; class; order
113	Bacteria; Proteobacteria; Betaproteobacteria; Candidatus Tremblaya	superkingdom; phylum; class; genus
114	Bacteria; Proteobacteria; Betaproteobacteria; Hydrogenophilales	superkingdom; phylum; class; order
115	Bacteria; Proteobacteria; Betaproteobacteria; Kinetoplastibacterium	superkingdom; phylum; class; genus
116	Bacteria; Proteobacteria; Betaproteobacteria; Methylophilales	superkingdom; phylum; class; order
117	Bacteria; Proteobacteria; Betaproteobacteria; Neisseriales	superkingdom; phylum; class; order
118	Bacteria; Proteobacteria; Betaproteobacteria; Nitrosomonadales	superkingdom; phylum; class; order
119	Bacteria; Proteobacteria; Betaproteobacteria; Rhodocyclales	superkingdom; phylum; class; order
120	Bacteria; Proteobacteria; Deltaproteobacteria; Bdellovibrionales	superkingdom; phylum; class; order
121	Bacteria; Proteobacteria; Deltaproteobacteria; Desulfatibacillum	superkingdom; phylum; class; genus
122	Bacteria; Proteobacteria; Deltaproteobacteria; Desulfobacteriales	superkingdom; phylum; class; order
123	Bacteria; Proteobacteria; Deltaproteobacteria; Desulfovibrionales	superkingdom; phylum; class; order
124	Bacteria; Proteobacteria; Deltaproteobacteria; Desulfuromonadales	superkingdom; phylum; class; order
125	Bacteria; Proteobacteria; Deltaproteobacteria; Myxococcales	superkingdom; phylum; class; order
126	Bacteria; Proteobacteria; Deltaproteobacteria; Syntrophobacteriales	superkingdom; phylum; class; order
127	Bacteria; Proteobacteria; Epsilonproteobacteria; Campylobacteriales	superkingdom; phylum; class; order
128	Bacteria; Proteobacteria; Gammaproteobacteria; Acidithiobacillales	superkingdom; phylum; class; order
129	Bacteria; Proteobacteria; Gammaproteobacteria; Aeromonadales	superkingdom; phylum; class; order
130	Bacteria; Proteobacteria; Gammaproteobacteria; Alteromonadales	superkingdom; phylum; class; order
131	Bacteria; Proteobacteria; Gammaproteobacteria; Baumannia	superkingdom; phylum; class; no rank
132	Bacteria; Proteobacteria; Gammaproteobacteria; Candidatus Carsonella	superkingdom; phylum; class; genus
133	Bacteria; Proteobacteria; Gammaproteobacteria; Cardiobacteriales	superkingdom; phylum; class; order
134	Bacteria; Proteobacteria; Gammaproteobacteria; Chromatiales	superkingdom; phylum; class; order
135	Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales	superkingdom; phylum; class; order
136	Bacteria; Proteobacteria; Gammaproteobacteria; Legionellales	superkingdom; phylum; class; order
137	Bacteria; Proteobacteria; Gammaproteobacteria; Methylococcales	superkingdom; phylum; class; order
138	Bacteria; Proteobacteria; Gammaproteobacteria; Methylohalobium	superkingdom; phylum; class; genus
139	Bacteria; Proteobacteria; Gammaproteobacteria; Oceanospirillales	superkingdom; phylum; class; order
140	Bacteria; Proteobacteria; Gammaproteobacteria; Pasteurellales	superkingdom; phylum; class; order
141	Bacteria; Proteobacteria; Gammaproteobacteria; Pseudomonadales	superkingdom; phylum; class; order
142	Bacteria; Proteobacteria; Gammaproteobacteria; Thiotrichales	superkingdom; phylum; class; order

143	Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionales	superkingdom; phylum; class; order
144	Bacteria; Proteobacteria; Gammaproteobacteria; Xanthomonadales	superkingdom; phylum; class; order
145	Bacteria; Spirochaetes; Spirochaetales; Brachyspiraceae	superkingdom; phylum; order; family
146	Bacteria; Spirochaetes; Spirochaetales; Leptospiraceae	superkingdom; phylum; order; family
147	Bacteria; Spirochaetes; Spirochaetales; Spirochaetaceae	superkingdom; phylum; order; family
148	Bacteria; Thermodesulfobacteria; Thermodesulfobacteriales; Thermodesulfobacteriaceae	superkingdom; phylum; order; family
149	Bacteria; Thermomicrobia; Thermomicrobiales; Thermomicrobiaceae	superkingdom; phylum; order; family
150	Bacteria; Thermotogae; Thermotogales; Thermotogaceae	superkingdom; phylum; order; family
151	Bacteria; Verrucomicrobia; Verrucomicrobiae; Verrucomicrobiales	superkingdom; phylum; class; order
152	Eukaryota; Alveolata; Apicomplexa; Coccidia	superkingdom; no rank; phylum; class
153	Eukaryota; Alveolata; Apicomplexa; Gregarina	superkingdom; no rank; phylum; class
154	Eukaryota; Alveolata; Apicomplexa; Haemosporida	superkingdom; no rank; phylum; order
155	Eukaryota; Alveolata; Apicomplexa; Piroplasmida	superkingdom; no rank; phylum; no rank
156	Eukaryota; Alveolata; Ciliophora; Colpodea	superkingdom; no rank; no rank; class
157	Eukaryota; Alveolata; Ciliophora; Heterotrichea	superkingdom; no rank; no rank; class
158	Eukaryota; Alveolata; Ciliophora; Karyorelictea	superkingdom; no rank; no rank; class
159	Eukaryota; Alveolata; Ciliophora; Litostomatea	superkingdom; no rank; no rank; class
160	Eukaryota; Alveolata; Ciliophora; Nassophorea	superkingdom; no rank; no rank; class
161	Eukaryota; Alveolata; Ciliophora; Oligohymenophorea	superkingdom; no rank; no rank; class
162	Eukaryota; Alveolata; Ciliophora; Phyllopharyngea	superkingdom; no rank; no rank; class
163	Eukaryota; Alveolata; Ciliophora; Spirotrichea	superkingdom; no rank; no rank; class
164	Eukaryota; Alveolata; Dinophyceae; Dinophysidae	superkingdom; no rank; class; family
165	Eukaryota; Alveolata; Dinophyceae; Gonyaulacales	superkingdom; no rank; class; order
166	Eukaryota; Alveolata; Dinophyceae; Gymnodiniales	superkingdom; no rank; class; order
167	Eukaryota; Alveolata; Dinophyceae; Oxyrrhinaeae	superkingdom; no rank; class; family
168	Eukaryota; Alveolata; Dinophyceae; Peridinales	superkingdom; no rank; class; order
169	Eukaryota; Alveolata; Dinophyceae; Procentrales	superkingdom; no rank; class; order
170	Eukaryota; Alveolata; Dinophyceae; Pyrocystales	superkingdom; no rank; class; order
171	Eukaryota; Alveolata; Dinophyceae; Suessiales	superkingdom; no rank; class; order
172	Eukaryota; Alveolata; Dinophyceae; Thoracosphaerales	superkingdom; no rank; class; order
173	Eukaryota; Alveolata; Perkinsea; Perkinsida	superkingdom; no rank; no rank; order
174	Eukaryota; Centroheliozoa; Acanthocystidae; Pterocystis	superkingdom; no rank; family; genus
175	Eukaryota; Centroheliozoa; Heterophryida; Chlamyaster	superkingdom; no rank; family; genus
176	Eukaryota; Centroheliozoa; Raphidophryidae; Raphidophrys	superkingdom; no rank; family; genus
177	Eukaryota; Cercozoa; Cercomonadida; Cercomonadidae	superkingdom; no rank; order; family
178	Eukaryota; Cercozoa; Chlorarachniophyceae; Bigelowiella	superkingdom; no rank; no rank; genus
179	Eukaryota; Cercozoa; Chlorarachniophyceae; Chlorarachnion	superkingdom; no rank; no rank; genus
180	Eukaryota; Cercozoa; Chlorarachniophyceae; Gymnochlora	superkingdom; no rank; no rank; genus
181	Eukaryota; Cercozoa; Chlorarachniophyceae; Lotharella	superkingdom; no rank; no rank; genus
182	Eukaryota; Cercozoa; Desmothoracida; Clathrulindae	superkingdom; no rank; no rank; family
183	Eukaryota; Cercozoa; Euglyphida; Euglyphidae	superkingdom; no rank; order; family
184	Eukaryota; Cercozoa; Gromiidae; Gromia	superkingdom; no rank; family; genus
185	Eukaryota; Cercozoa; Thaumatomonadida; Thaumatomastigidae	superkingdom; no rank; order; family
186	Eukaryota; Choanoflagellida; Codonosigidae; Monosiga	superkingdom; order; family; genus
187	Eukaryota; Choanoflagellida; Codonosigidae; Proterospongia	superkingdom; order; family; genus
188	Eukaryota; Cryptophyta; Cryptomonadaceae; Chromonas	superkingdom; class; family; genus
189	Eukaryota; Cryptophyta; Cryptomonadaceae; Cryptomonas	superkingdom; class; family; genus
190	Eukaryota; Cryptophyta; Cryptomonadaceae; Guillardia	superkingdom; class; family; genus
191	Eukaryota; Cryptophyta; Cryptomonadaceae; Hanusia	superkingdom; class; family; genus
192	Eukaryota; Cryptophyta; Cryptomonadaceae; Pyrenomonas	superkingdom; class; family; genus
193	Eukaryota; Cryptophyta; Cryptomonadaceae; Rhodomonas	superkingdom; class; family; genus
194	Eukaryota; Cryptophyta; Cryptomonadaceae; Storeatula	superkingdom; class; family; genus
195	Eukaryota; Cryptophyta; Goniomonadaceae; Goniomonas	superkingdom; class; family; genus
196	Eukaryota; Diplomonadida; Hexamitidae; Giardia	superkingdom; no rank; family; subfamily
197	Eukaryota; Diplomonadida; Hexamitidae; Hexamitinae	superkingdom; no rank; family; subfamily
198	Eukaryota; Euglenozoa; Diplonemida; Diplonema	superkingdom; no rank; order; genus
199	Eukaryota; Euglenozoa; Diplonemida; Rhynchopus	superkingdom; no rank; order; genus
200	Eukaryota; Euglenozoa; Euglenida; Cryptoglena	superkingdom; no rank; phylum; genus
201	Eukaryota; Euglenozoa; Euglenida; Euglenales	superkingdom; no rank; phylum; order
202	Eukaryota; Euglenozoa; Euglenida; Eutreptiales	superkingdom; no rank; phylum; order
203	Eukaryota; Euglenozoa; Euglenida; Heteronematales	superkingdom; no rank; phylum; order
204	Eukaryota; Euglenozoa; Euglenida; Rhabdomonadales	superkingdom; no rank; phylum; order
205	Eukaryota; Euglenozoa; Kinetoplastida; Bodonidae	superkingdom; no rank; order; family
206	Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae	superkingdom; no rank; order; family
207	Eukaryota; Fungi; Ascomycota; Ascomycota incertae sedis	superkingdom; kingdom; phylum; no rank
208	Eukaryota; Fungi; Ascomycota; Neolactales	superkingdom; kingdom; phylum; order
209	Eukaryota; Fungi; Ascomycota; Pezizomycotina	superkingdom; kingdom; phylum; subphylum
210	Eukaryota; Fungi; Ascomycota; Pneumocystidomycetes	superkingdom; kingdom; phylum; class
211	Eukaryota; Fungi; Ascomycota; Saccharomycotina	superkingdom; kingdom; phylum; subphylum
212	Eukaryota; Fungi; Ascomycota; Schizosaccharomycetes	superkingdom; kingdom; phylum; class
213	Eukaryota; Fungi; Ascomycota; Taphrinomycetes	superkingdom; kingdom; phylum; class
214	Eukaryota; Fungi; Ascomycota; mitosporic Ascomycota	superkingdom; kingdom; phylum; no rank
215	Eukaryota; Fungi; Basidiomycota; Hymenomycetes	superkingdom; kingdom; phylum; no rank

216	Eukaryota; Fungi; Basidiomycota; Jaculispora	superkingdom; kingdom; phylum; genus
217	Eukaryota; Fungi; Basidiomycota; Macrophomina	superkingdom; kingdom; phylum; genus
218	Eukaryota; Fungi; Basidiomycota; Urediniomycetes	superkingdom; kingdom; phylum; class
219	Eukaryota; Fungi; Basidiomycota; Ustilaginomycetes	superkingdom; kingdom; phylum; class
220	Eukaryota; Fungi; Chytridiomycota; Blastocladales	superkingdom; kingdom; phylum; order
221	Eukaryota; Fungi; Chytridiomycota; Chytridiales	superkingdom; kingdom; phylum; order
222	Eukaryota; Fungi; Chytridiomycota; Monoblepharidales	superkingdom; kingdom; phylum; order
223	Eukaryota; Fungi; Chytridiomycota; Neocallimastixales	superkingdom; kingdom; phylum; order
224	Eukaryota; Fungi; Chytridiomycota; Spizellomycetales	superkingdom; kingdom; phylum; order
225	Eukaryota; Fungi; Fungi incertae sedis; 'Arthromyces'	superkingdom; kingdom; no rank; no rank
226	Eukaryota; Fungi; Fungi incertae sedis; Hyaloraphidium	superkingdom; kingdom; no rank; genus
227	Eukaryota; Fungi; Glomeromycota; Glomeromycetes	superkingdom; kingdom; phylum; class
228	Eukaryota; Fungi; Microsporidia; Antonospora	superkingdom; kingdom; phylum; genus
229	Eukaryota; Fungi; Microsporidia; Burenellidae	superkingdom; kingdom; phylum; family
230	Eukaryota; Fungi; Microsporidia; Endoreticulata	superkingdom; kingdom; phylum; genus
231	Eukaryota; Fungi; Microsporidia; Glugeidae	superkingdom; kingdom; phylum; family
232	Eukaryota; Fungi; Microsporidia; Nosematidae	superkingdom; kingdom; phylum; family
233	Eukaryota; Fungi; Microsporidia; Pleistophoridae	superkingdom; kingdom; phylum; family
234	Eukaryota; Fungi; Microsporidia; Spragueidae	superkingdom; kingdom; phylum; family
235	Eukaryota; Fungi; Microsporidia; Unikaryonidae	superkingdom; kingdom; phylum; family
236	Eukaryota; Fungi; Zygomycota; Trichomycetes	superkingdom; kingdom; phylum; class
237	Eukaryota; Fungi; Zygomycota; Zygomycetes	superkingdom; kingdom; phylum; class
238	Eukaryota; Glaucocystophyceae; Cyanophoraceae; Cyanophora	superkingdom; class; family; genus
239	Eukaryota; Glaucocystophyceae; Gloeochaetales; Glaucosphaeraeaceae	superkingdom; class; order; family
240	Eukaryota; Granuloreticulosea; Athalamea; Reticulomyxidae	superkingdom; class; no rank; family
241	Eukaryota; Granuloreticulosea; Foraminifera; Allogromida	superkingdom; class; order; no rank
242	Eukaryota; Granuloreticulosea; Foraminifera; Miliolina	superkingdom; class; order; suborder
243	Eukaryota; Granuloreticulosea; Foraminifera; Rotaliina	superkingdom; class; order; suborder
244	Eukaryota; Granuloreticulosea; Foraminifera; Textulariida	superkingdom; class; order; no rank
245	Eukaryota; Haptophyceae; Coccosphaerales; Calyptosphaeraeaceae	superkingdom; no rank; order; family
246	Eukaryota; Haptophyceae; Coccosphaerales; Coccolithus	superkingdom; no rank; order; genus
247	Eukaryota; Haptophyceae; Coccosphaerales; Helicosphaera	superkingdom; no rank; order; genus
248	Eukaryota; Haptophyceae; Coccosphaerales; Umbilicosphaera	superkingdom; no rank; order; genus
249	Eukaryota; Haptophyceae; Isochrysidales; Cricosphaera	superkingdom; no rank; order; genus
250	Eukaryota; Haptophyceae; Isochrysidales; Emiliana	superkingdom; no rank; order; genus
251	Eukaryota; Haptophyceae; Isochrysidales; Imantonia	superkingdom; no rank; order; genus
252	Eukaryota; Haptophyceae; Isochrysidales; Isochrysis	superkingdom; no rank; order; genus
253	Eukaryota; Haptophyceae; Isochrysidales; Ochrosphaera	superkingdom; no rank; order; genus
254	Eukaryota; Haptophyceae; Isochrysidales; Pseudoisochrysis	superkingdom; no rank; order; genus
255	Eukaryota; Haptophyceae; Pavloales; Diacronema	superkingdom; no rank; order; genus
256	Eukaryota; Haptophyceae; Pavloales; Exanthemachrysis	superkingdom; no rank; order; genus
257	Eukaryota; Haptophyceae; Pavloales; Pavlova	superkingdom; no rank; order; genus
258	Eukaryota; Haptophyceae; Prymnesiales; Chrysochromulina	superkingdom; no rank; order; genus
259	Eukaryota; Haptophyceae; Prymnesiales; Phaeocystis	superkingdom; no rank; order; genus
260	Eukaryota; Haptophyceae; Prymnesiales; Platychrysis	superkingdom; no rank; order; genus
261	Eukaryota; Haptophyceae; Prymnesiales; Prymnesium	superkingdom; no rank; order; genus
262	Eukaryota; Heterolobosea; Acrasida; Acrasis	superkingdom; class; order; genus
263	Eukaryota; Heterolobosea; Schizopyrenida; Vahlkampfiidae	superkingdom; class; order; family
264	Eukaryota; Ichthyosporea; Ichthyophonida; Amoebidiaceae	superkingdom; class; order; family
265	Eukaryota; Ichthyosporea; Ichthyophonida; Ichthyophonus	superkingdom; class; order; family
266	Eukaryota; Lobosea; Euamoebida; Amoebidae	superkingdom; class; order; family
267	Eukaryota; Lobosea; Euamoebida; Hartmannellidae	superkingdom; class; order; family
268	Eukaryota; Lobosea; Euamoebida; Paramoebidae	superkingdom; class; order; family
269	Eukaryota; Lobosea; Euamoebida; Thecamoebidae	superkingdom; class; order; family
270	Eukaryota; Lobosea; Euamoebida; Vannellidae	superkingdom; class; order; family
271	Eukaryota; Metazoa; Acanthocephala; Archiacanthocephala	superkingdom; kingdom; phylum; class
272	Eukaryota; Metazoa; Acanthocephala; Palaeacanthocephala	superkingdom; kingdom; phylum; class
273	Eukaryota; Metazoa; Annelida; Clitellata	superkingdom; kingdom; phylum; no rank
274	Eukaryota; Metazoa; Annelida; Parascarpia	superkingdom; kingdom; phylum; genus
275	Eukaryota; Metazoa; Annelida; Polychaeta	superkingdom; kingdom; phylum; class
276	Eukaryota; Metazoa; Arthropoda; Chelicerata	superkingdom; kingdom; phylum; subphylum
277	Eukaryota; Metazoa; Arthropoda; Crustacea	superkingdom; kingdom; phylum; subphylum
278	Eukaryota; Metazoa; Arthropoda; Hexapoda	superkingdom; kingdom; phylum; superclass
279	Eukaryota; Metazoa; Arthropoda; Myriapoda	superkingdom; kingdom; phylum; subphylum
280	Eukaryota; Metazoa; Bilateria incertae sedis; Gnathostomulida	superkingdom; kingdom; no rank; phylum
281	Eukaryota; Metazoa; Brachiopoda; Craniiformea	superkingdom; kingdom; phylum; subphylum
282	Eukaryota; Metazoa; Brachiopoda; Linguliformea	superkingdom; kingdom; phylum; subphylum
283	Eukaryota; Metazoa; Brachiopoda; Phoroniformea	superkingdom; kingdom; phylum; subphylum
284	Eukaryota; Metazoa; Brachiopoda; Rhynchonelliformea	superkingdom; kingdom; phylum; subphylum
285	Eukaryota; Metazoa; Bryozoa; Gymnolaemata	superkingdom; kingdom; phylum; class
286	Eukaryota; Metazoa; Bryozoa; Phylactolaemata	superkingdom; kingdom; phylum; class
287	Eukaryota; Metazoa; Chaetognatha; Aphragmophora	superkingdom; kingdom; phylum; order
288	Eukaryota; Metazoa; Chaetognatha; Phragmophora	superkingdom; kingdom; phylum; order

289	Eukaryota; Metazoa; Chordata; Cephalochordata	superkingdom; kingdom; phylum; subphylum
290	Eukaryota; Metazoa; Chordata; Craniata	superkingdom; kingdom; phylum; subphylum
291	Eukaryota; Metazoa; Chordata; Urochordata	superkingdom; kingdom; phylum; subphylum
292	Eukaryota; Metazoa; Cnidaria; Anthozoa	superkingdom; kingdom; phylum; class
293	Eukaryota; Metazoa; Cnidaria; Cubozoa	superkingdom; kingdom; phylum; class
294	Eukaryota; Metazoa; Cnidaria; Hydrozoa	superkingdom; kingdom; phylum; class
295	Eukaryota; Metazoa; Cnidaria; Scyphozoa	superkingdom; kingdom; phylum; class
296	Eukaryota; Metazoa; Ctenophora; Cyclocoela	superkingdom; kingdom; phylum; no rank
297	Eukaryota; Metazoa; Ctenophora; Typhlocoela	superkingdom; kingdom; phylum; no rank
298	Eukaryota; Metazoa; Cycliophora; Symbion	superkingdom; kingdom; phylum; genus
299	Eukaryota; Metazoa; Echinodermata; Eleutherozoa	superkingdom; kingdom; phylum; no rank
300	Eukaryota; Metazoa; Echinodermata; Pelmatozoa	superkingdom; kingdom; phylum; no rank
301	Eukaryota; Metazoa; Echiura; Echiuroinea	superkingdom; kingdom; phylum; order
302	Eukaryota; Metazoa; Echiura; Xenopneusta	superkingdom; kingdom; phylum; order
303	Eukaryota; Metazoa; Entoprocta; Loxosomatidae	superkingdom; kingdom; phylum; family
304	Eukaryota; Metazoa; Gastrotricha; Chaetodontida	superkingdom; kingdom; phylum; order
305	Eukaryota; Metazoa; Hemichordata; Enteropneusta	superkingdom; kingdom; phylum; class
306	Eukaryota; Metazoa; Mesozoa; Rhombozoa	superkingdom; kingdom; superphylum; phylum
307	Eukaryota; Metazoa; Micrognathozoa; Limnognathia	superkingdom; kingdom; class; genus
308	Eukaryota; Metazoa; Mollusca; Aplacophora	superkingdom; kingdom; phylum; class
309	Eukaryota; Metazoa; Mollusca; Bivalvia	superkingdom; kingdom; phylum; class
310	Eukaryota; Metazoa; Mollusca; Cephalopoda	superkingdom; kingdom; phylum; class
311	Eukaryota; Metazoa; Mollusca; Gastropoda	superkingdom; kingdom; phylum; class
312	Eukaryota; Metazoa; Mollusca; Polyplacophora	superkingdom; kingdom; phylum; class
313	Eukaryota; Metazoa; Mollusca; Scaphopoda	superkingdom; kingdom; phylum; class
314	Eukaryota; Metazoa; Myxozoa; Myxosporia	superkingdom; kingdom; phylum; no rank
315	Eukaryota; Metazoa; Myxozoa; Tetracapsula	superkingdom; kingdom; phylum; genus
316	Eukaryota; Metazoa; Myzostomida; Myzostoma	superkingdom; kingdom; family; genus
317	Eukaryota; Metazoa; Myzostomida; Pulvinomyzostomum	superkingdom; kingdom; family; genus
318	Eukaryota; Metazoa; Nematoda; Chromadorea	superkingdom; kingdom; phylum; class
319	Eukaryota; Metazoa; Nematoda; Enopla	superkingdom; kingdom; phylum; class
320	Eukaryota; Metazoa; Nematomorpha; Gordioida	superkingdom; kingdom; phylum; class
321	Eukaryota; Metazoa; Nemertea; Anopla	superkingdom; kingdom; phylum; class
322	Eukaryota; Metazoa; Nemertea; Enopla	superkingdom; kingdom; phylum; class
323	Eukaryota; Metazoa; Onychophora; Acanthokara	superkingdom; kingdom; phylum; genus
324	Eukaryota; Metazoa; Onychophora; Peripatidae	superkingdom; kingdom; phylum; family
325	Eukaryota; Metazoa; Onychophora; Peripatopsidae	superkingdom; kingdom; phylum; family
326	Eukaryota; Metazoa; Placozoa; Trichoplax	superkingdom; kingdom; phylum; genus
327	Eukaryota; Metazoa; Platyhelminthes; Cestoda	superkingdom; kingdom; phylum; class
328	Eukaryota; Metazoa; Platyhelminthes; Monogenea	superkingdom; kingdom; phylum; class
329	Eukaryota; Metazoa; Platyhelminthes; Trematoda	superkingdom; kingdom; phylum; class
330	Eukaryota; Metazoa; Platyhelminthes; Turbellaria	superkingdom; kingdom; phylum; class
331	Eukaryota; Metazoa; Pogonophora; Perviatia	superkingdom; kingdom; phylum; class
332	Eukaryota; Metazoa; Pogonophora; Vestimentifera	superkingdom; kingdom; phylum; class
333	Eukaryota; Metazoa; Porifera; Calcarea	superkingdom; kingdom; phylum; class
334	Eukaryota; Metazoa; Porifera; Demospongiae	superkingdom; kingdom; phylum; class
335	Eukaryota; Metazoa; Porifera; Hexactinellida	superkingdom; kingdom; phylum; class
336	Eukaryota; Metazoa; Priapulida; Priapulidae	superkingdom; kingdom; phylum; family
337	Eukaryota; Metazoa; Rotifera; Bdelloidea	superkingdom; kingdom; phylum; class
338	Eukaryota; Metazoa; Rotifera; Monogononta	superkingdom; kingdom; phylum; class
339	Eukaryota; Metazoa; Rotifera; Seisonidea	superkingdom; kingdom; phylum; class
340	Eukaryota; Metazoa; Sipuncula; Phascolosomatidea	superkingdom; kingdom; phylum; class
341	Eukaryota; Metazoa; Sipuncula; Sipunculidea	superkingdom; kingdom; phylum; class
342	Eukaryota; Metazoa; Tardigrada; Eutardigrada	superkingdom; kingdom; phylum; class
343	Eukaryota; Metazoa; Tardigrada; Heterotardigrada	superkingdom; kingdom; phylum; class
344	Eukaryota; Metazoa; Xenoturbellida; Xenoturbella	superkingdom; kingdom; no rank; genus
345	Eukaryota; Mycetozoa; Dictyosteliida; Acytostelium	superkingdom; no rank; order; genus
346	Eukaryota; Mycetozoa; Dictyosteliida; Dictyostelium	superkingdom; no rank; order; genus
347	Eukaryota; Mycetozoa; Dictyosteliida; Polysphondylium	superkingdom; no rank; order; genus
348	Eukaryota; Mycetozoa; Myxogastria; Myxogastromycetidae	superkingdom; no rank; no rank; subclass
349	Eukaryota; Mycetozoa; Myxogastria; Stemonitida	superkingdom; no rank; no rank; order
350	Eukaryota; Mycetozoa; Myxogastria; Trichiida	superkingdom; no rank; no rank; order
351	Eukaryota; Mycetozoa; Protostelida; Planoprotostelium	superkingdom; no rank; no rank; genus
352	Eukaryota; Oxymonadida; Pyrsonymphidae; Dinennypha	superkingdom; order; family; genus
353	Eukaryota; Oxymonadida; Pyrsonymphidae; Pyrsonympha	superkingdom; order; family; genus
354	Eukaryota; Oxymonadida; Streblosporangia; Streblosporangia	superkingdom; order; family; genus
355	Eukaryota; Parabasalidea; Hypermastigia; Spirotrichonymphida	superkingdom; no rank; class; order
356	Eukaryota; Parabasalidea; Hypermastigia; Trichonymphida	superkingdom; no rank; class; order
357	Eukaryota; Parabasalidea; Trichomonada; Trichomonadida	superkingdom; no rank; class; order
358	Eukaryota; Pelobiontida; Mastigamoebidae; Mastigamoeba	superkingdom; no rank; family; genus
359	Eukaryota; Pelobiontida; Pelomyxidae; Pelomyxa	superkingdom; no rank; family; genus
360	Eukaryota; Plasmodiophorida; Plasmodiophoridae; Plasmodiophora	superkingdom; no rank; family; genus
361	Eukaryota; Plasmodiophorida; Plasmodiophoridae; Polymyxa	superkingdom; no rank; family; genus

362	Eukaryota; Plasmodiophorida; Plasmodiophoridae; Sorosphaera	superkingdom; no rank; family; genus
363	Eukaryota; Plasmodiophorida; Plasmodiophoridae; Spongospora	superkingdom; no rank; family; genus
364	Eukaryota; Polycystinea; Spumellaria; Sphaerozoizidae	superkingdom; class; order; family
365	Eukaryota; Polycystinea; Spumellaria; Thalassicollidae	superkingdom; class; order; family
366	Eukaryota; Rhodophyta; Bangiophyceae; Bangiales	superkingdom; no rank; class; order
367	Eukaryota; Rhodophyta; Bangiophyceae; Cyanidiales	superkingdom; no rank; class; order
368	Eukaryota; Rhodophyta; Bangiophyceae; Erythropeltidales	superkingdom; no rank; class; order
369	Eukaryota; Rhodophyta; Bangiophyceae; Porphyridiales	superkingdom; no rank; class; order
370	Eukaryota; Rhodophyta; Bangiophyceae; Rhodochaetales	superkingdom; no rank; class; order
371	Eukaryota; Rhodophyta; Bangiophyceae; Stylonematales	superkingdom; no rank; class; order
372	Eukaryota; Rhodophyta; Florideophyceae; Acrochaetiales	superkingdom; no rank; class; order
373	Eukaryota; Rhodophyta; Florideophyceae; Ahnfeltiales	superkingdom; no rank; class; order
374	Eukaryota; Rhodophyta; Florideophyceae; Balbianiales	superkingdom; no rank; class; order
375	Eukaryota; Rhodophyta; Florideophyceae; Balliales	superkingdom; no rank; class; order
376	Eukaryota; Rhodophyta; Florideophyceae; Batrachospermales	superkingdom; no rank; class; order
377	Eukaryota; Rhodophyta; Florideophyceae; Bonnemaisoniales	superkingdom; no rank; class; order
378	Eukaryota; Rhodophyta; Florideophyceae; Ceramiales	superkingdom; no rank; class; order
379	Eukaryota; Rhodophyta; Florideophyceae; Corallinales	superkingdom; no rank; class; order
380	Eukaryota; Rhodophyta; Florideophyceae; Gelidiales	superkingdom; no rank; class; order
381	Eukaryota; Rhodophyta; Florideophyceae; Gigartinales	superkingdom; no rank; class; order
382	Eukaryota; Rhodophyta; Florideophyceae; Gracilariales	superkingdom; no rank; class; order
383	Eukaryota; Rhodophyta; Florideophyceae; Halymeniales	superkingdom; no rank; class; order
384	Eukaryota; Rhodophyta; Florideophyceae; Hildenbrandiales	superkingdom; no rank; class; order
385	Eukaryota; Rhodophyta; Florideophyceae; Nemaliales	superkingdom; no rank; class; order
386	Eukaryota; Rhodophyta; Florideophyceae; Nemastomatales	superkingdom; no rank; class; order
387	Eukaryota; Rhodophyta; Florideophyceae; Palmariales	superkingdom; no rank; class; order
388	Eukaryota; Rhodophyta; Florideophyceae; Plocamiales	superkingdom; no rank; class; order
389	Eukaryota; Rhodophyta; Florideophyceae; Rhodogorgonales	superkingdom; no rank; class; order
390	Eukaryota; Rhodophyta; Florideophyceae; Rhodymeniales	superkingdom; no rank; class; order
391	Eukaryota; Rhodophyta; Goniotrichales; Goniotricaceae	superkingdom; no rank; order; family
392	Eukaryota; Viridiplantae; Chlorophyta; Chlorophyceae	superkingdom; kingdom; phylum; class
393	Eukaryota; Viridiplantae; Chlorophyta; Oltmannsiellopsis	superkingdom; kingdom; phylum; genus
394	Eukaryota; Viridiplantae; Chlorophyta; Pedinophyceae	superkingdom; kingdom; phylum; class
395	Eukaryota; Viridiplantae; Chlorophyta; Picoocystophyceae	superkingdom; kingdom; phylum; no rank
396	Eukaryota; Viridiplantae; Chlorophyta; Prasinophyceae	superkingdom; kingdom; phylum; class
397	Eukaryota; Viridiplantae; Chlorophyta; Tetraedoron	superkingdom; kingdom; phylum; genus
398	Eukaryota; Viridiplantae; Chlorophyta; Trebouxiophyceae	superkingdom; kingdom; phylum; class
399	Eukaryota; Viridiplantae; Chlorophyta; Ulvophyceae	superkingdom; kingdom; phylum; class
400	Eukaryota; Viridiplantae; Streptophyta; Charales	superkingdom; kingdom; phylum; order
401	Eukaryota; Viridiplantae; Streptophyta; Chlorokybophyceae	superkingdom; kingdom; phylum; class
402	Eukaryota; Viridiplantae; Streptophyta; Coleochaetales	superkingdom; kingdom; phylum; order
403	Eukaryota; Viridiplantae; Streptophyta; Embryophyta	superkingdom; kingdom; phylum; no rank
404	Eukaryota; Viridiplantae; Streptophyta; Klebormidiophyceae	superkingdom; kingdom; phylum; class
405	Eukaryota; Viridiplantae; Streptophyta; Mesostigmatophyceae	superkingdom; kingdom; phylum; class
406	Eukaryota; Viridiplantae; Streptophyta; Zygnemophyceae	superkingdom; kingdom; phylum; class
407	Eukaryota; stramenopiles; Actinophryidae; Actinophrys	superkingdom; no rank; class; genus
408	Eukaryota; stramenopiles; Actinophryidae; Actinosphaerium	superkingdom; no rank; class; genus
409	Eukaryota; stramenopiles; Bacillariophyta; Bacillariophyceae	superkingdom; no rank; phylum; class
410	Eukaryota; stramenopiles; Bacillariophyta; Coscinodiscophyceae	superkingdom; no rank; phylum; class
411	Eukaryota; stramenopiles; Bacillariophyta; Fragilariophyceae	superkingdom; no rank; phylum; class
412	Eukaryota; stramenopiles; Bicosoecida; Cafeteriaeae	superkingdom; no rank; order; family
413	Eukaryota; stramenopiles; Bolidophyceae; Bolidomonas	superkingdom; no rank; phylum; genus
414	Eukaryota; stramenopiles; Chrysophyceae; Chromulinales	superkingdom; no rank; class; order
415	Eukaryota; stramenopiles; Chrysophyceae; Chrysolepidomonadaceae	superkingdom; no rank; class; family
416	Eukaryota; stramenopiles; Chrysophyceae; Hibberdiales	superkingdom; no rank; class; order
417	Eukaryota; stramenopiles; Chrysophyceae; Ochromonadales	superkingdom; no rank; class; order
418	Eukaryota; stramenopiles; Chrysophyceae; Synurales	superkingdom; no rank; class; order
419	Eukaryota; stramenopiles; Dictyochophyceae; Dictyochales	superkingdom; no rank; class; order
420	Eukaryota; stramenopiles; Dictyochophyceae; Pedinellales	superkingdom; no rank; class; order
421	Eukaryota; stramenopiles; Dictyochophyceae; Rhizochromulina	superkingdom; no rank; class; genus
422	Eukaryota; stramenopiles; Eustigmatophyceae; Eustigmatos	superkingdom; no rank; phylum; genus
423	Eukaryota; stramenopiles; Eustigmatophyceae; Monodopsis	superkingdom; no rank; phylum; genus
424	Eukaryota; stramenopiles; Eustigmatophyceae; Nannochloropsis	superkingdom; no rank; phylum; genus
425	Eukaryota; stramenopiles; Eustigmatophyceae; Vischeria	superkingdom; no rank; phylum; genus
426	Eukaryota; stramenopiles; Hyphochytriomycetes; Hyphochytriaceae	superkingdom; no rank; class; family
427	Eukaryota; stramenopiles; Labyrinthulida; Thraustochytriidae	superkingdom; no rank; order; family
428	Eukaryota; stramenopiles; Oomycetes; Lagenidiales	superkingdom; no rank; no rank; order
429	Eukaryota; stramenopiles; Oomycetes; Leptomitales	superkingdom; no rank; no rank; order
430	Eukaryota; stramenopiles; Oomycetes; Peronosporales	superkingdom; no rank; no rank; order
431	Eukaryota; stramenopiles; Oomycetes; Pythiales	superkingdom; no rank; no rank; order
432	Eukaryota; stramenopiles; Oomycetes; Rhipidiales	superkingdom; no rank; no rank; order
433	Eukaryota; stramenopiles; Oomycetes; Saprolegniales	superkingdom; no rank; no rank; no rank
434	Eukaryota; stramenopiles; Oomycetes; Sclerosporales	superkingdom; no rank; no rank; order

435	Eukaryota; stramenopiles; Pelagophyceae; Aureococcus	superkingdom; no rank; class; genus
436	Eukaryota; stramenopiles; Pelagophyceae; Aureoumbra	superkingdom; no rank; class; no rank
437	Eukaryota; stramenopiles; Pelagophyceae; Pelagomonadales	superkingdom; no rank; class; no rank
438	Eukaryota; stramenopiles; Pelagophyceae; Sarcinochrysidales	superkingdom; no rank; class; order
439	Eukaryota; stramenopiles; Phaeophyceae; Asterocladon	superkingdom; no rank; phylum; genus
440	Eukaryota; stramenopiles; Phaeophyceae; Asteronema	superkingdom; no rank; phylum; genus
441	Eukaryota; stramenopiles; Phaeophyceae; Bachelotia	superkingdom; no rank; phylum; genus
442	Eukaryota; stramenopiles; Phaeophyceae; Cutleriales	superkingdom; no rank; phylum; order
443	Eukaryota; stramenopiles; Phaeophyceae; Desmarestiales	superkingdom; no rank; phylum; order
444	Eukaryota; stramenopiles; Phaeophyceae; Dictyotales	superkingdom; no rank; phylum; order
445	Eukaryota; stramenopiles; Phaeophyceae; Ectocarpales	superkingdom; no rank; phylum; order
446	Eukaryota; stramenopiles; Phaeophyceae; Fucales	superkingdom; no rank; phylum; order
447	Eukaryota; stramenopiles; Phaeophyceae; Heterochordariaceae	superkingdom; no rank; phylum; family
448	Eukaryota; stramenopiles; Phaeophyceae; Laminariales	superkingdom; no rank; phylum; order
449	Eukaryota; stramenopiles; Phaeophyceae; Neoleptonema	superkingdom; no rank; phylum; genus
450	Eukaryota; stramenopiles; Phaeophyceae; Ralfsiaceae	superkingdom; no rank; phylum; family
451	Eukaryota; stramenopiles; Phaeophyceae; Scytothamniales	superkingdom; no rank; phylum; order
452	Eukaryota; stramenopiles; Phaeophyceae; Sphacelariales	superkingdom; no rank; phylum; order
453	Eukaryota; stramenopiles; Phaeophyceae; Sporochnales	superkingdom; no rank; phylum; order
454	Eukaryota; stramenopiles; Phaeophyceae; Syringodermatales	superkingdom; no rank; phylum; order
455	Eukaryota; stramenopiles; Phaeophyceae; Tilopteridales	superkingdom; no rank; phylum; order
456	Eukaryota; stramenopiles; Phaeothamniophyceae; Phaeothamniales	superkingdom; no rank; class; order
457	Eukaryota; stramenopiles; Phaeothamniophyceae; Pleurochloridellales	superkingdom; no rank; class; order
458	Eukaryota; stramenopiles; Pinguiophyceae; Glossomastix	superkingdom; no rank; phylum; genus
459	Eukaryota; stramenopiles; Pinguiophyceae; Pinguiochrysis	superkingdom; no rank; phylum; genus
460	Eukaryota; stramenopiles; Pinguiophyceae; Pinguiooccus	superkingdom; no rank; phylum; genus
461	Eukaryota; stramenopiles; Pinguiophyceae; Polypodochrysis	superkingdom; no rank; phylum; genus
462	Eukaryota; stramenopiles; Raphidophyceae; Chattonella	superkingdom; no rank; class; genus
463	Eukaryota; stramenopiles; Raphidophyceae; Heterosigma	superkingdom; no rank; class; genus
464	Eukaryota; stramenopiles; Raphidophyceae; Vacuolaria	superkingdom; no rank; class; genus
465	Eukaryota; stramenopiles; Xanthophyceae; Botrydiales	superkingdom; no rank; phylum; order
466	Eukaryota; stramenopiles; Xanthophyceae; Mischococcales	superkingdom; no rank; phylum; order
467	Eukaryota; stramenopiles; Xanthophyceae; Tribonematales	superkingdom; no rank; phylum; order
468	Eukaryota; stramenopiles; Xanthophyceae; Vaucheriales	superkingdom; no rank; phylum; order