

## Upper Pond DNA (full listing)

Kingdom	Supergroup	Class	Order	Family	Genus	Species	CommonName
Eukaryota	Opisthokonta	Aves	Anseriformes	Anatidae	Anas	Anas platyrhynchos	Mallard
Eukaryota	Opisthokonta	Aves	Anseriformes	Anatidae	Aythya	Aythya fuligula	Tufted duck
Eukaryota	Opisthokonta	Aves	Columbiformes	Columbinae	Columba	Columba livia	Rock dove
Eukaryota	Opisthokonta	Aves	Gruiformes	Rallidae	Gallinula	Gallinula chloropus	Common moorhen
Eukaryota	Opisthokonta	Mammal	Primates	Hominidae	Homo	Homo sapiens	Human
Eukaryota	Opisthokonta	Ascomycota	Pezizomycotina	Dothideomycetes	Mycosphaerella	Mycosphaerella_graminicola	Unknown
Eukaryota	Stramenopiles	Bicoecia	Bicoecales	Bicoecaceae	Bicoecaceae_X	Bicoecaceae_X_sp.	Unknown
Eukaryota	Opisthokonta	Choanoflagellida_X	Choanoflagellida_XX	Clade-2	Sphaeroeca	Sphaeroeca_volvox	Unknown
Eukaryota	Stramenopiles	Chrysophyceae	Chrysophyceae_X	Chrysophyceae_Clade-B2	Unknown	Unknown	Unknown
Eukaryota	Stramenopiles	Chrysophyceae	Chrysophyceae_X	Chrysophyceae_Clade-F	Chrysophyceae_Clade-F_X	Chrysophyceae_Clade-F_X_sp.	Unknown
Eukaryota	Stramenopiles	Chrysophyceae	Chrysophyceae_X	Chrysophyceae_XX	Chrysophyceae_XXX	Chrysophyceae_XXX_sp.	Unknown
Eukaryota	Alveolata	Colpodellidea	Colpodellida	Colpodellida_CHR1	Colpodellida_CHR1_X	Colpodellida_CHR1_X_sp.	Unknown
Eukaryota	Alveolata	CONTH_7	CONTH_7_X	CONTH_7_XX	CONTH_7_XXX	CONTH_7_XXX_sp.	Unknown
Eukaryota	Alveolata	CONThreeP	CONThreeP_X	CONThreeP_XX	Askenasia	Askenasia_sp.	Unknown
Eukaryota	Alveolata	CONThreeP	CONThreeP_X	Urotrichidae	Urotricha	Urotricha_sp.	Unknown
Eukaryota	Opisthokonta	Aves	Anseriformes	Anatidae	Anas	Anas_platyrhynchos	Unknown
Eukaryota	Hacrobia	Cryptophyceae	Cryptomonadales	Cryptomonadales_X	Cryptomonas	Cryptomonas_curvata	Unknown
Eukaryota	Hacrobia	Cryptophyceae	Cryptomonadales	Cryptomonadales_X	Cryptomonas	Cryptomonas_marssonii	Unknown
Eukaryota	Hacrobia	Cryptophyceae	Cryptomonadales	Cryptomonadales_X	Komma	Komma_caudata	Unknown
Eukaryota	Stramenopiles	Dictyochophyceae	Dictyochophyceae_X	Pedinellales	Pedinellales_X	Pedinellales_X_sp.	Unknown
Eukaryota	Alveolata	Dinophyceae	Suessiales	Borghiellaceae	Borghiella	Borghiella_tenuissima	Unknown
Eukaryota	Alveolata	Dinophyceae	Suessiales	Suessiaceae	Unknown	Unknown	Unknown
Eukaryota	Alveolata	Litostomatea	Haptoria_4	Didiniidae	Didiniidae_X	Didiniidae_X_sp.	Unknown
Eukaryota	Alveolata	Litostomatea	Haptoria_5	Pleurostomatida	Hemiohryns	Hemiohryns_procera	Unknown
Eukaryota	Alveolata	Litostomatea	Litostomatea_X	Litostomatea_XX	Litostomatea_XXX	Litostomatea_XXX_sp.	Unknown
Eukaryota	Alveolata	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
Eukaryota	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
Eukaryota	Alveolata	Oligohymenophorea	Oligohymenophorea_X	Urocentridae	Urocentrum	Urocentrum_sp.	Unknown
Eukaryota	Alveolata	Oligohymenophorea	Peniculia	Peniculida	Peniculida_X	Peniculida_X_sp.	Unknown
Eukaryota	Alveolata	Oligohymenophorea	Peritrichia_2	Sessilida	Vorticella	Vorticella_microstoma	Unknown
Eukaryota	Alveolata	Oligohymenophorea	Scuticociliatia_1	Thigmophryidae	Myxophyllum	Myxophyllum_sp.	Unknown
Eukaryota	Alveolata	Oligohymenophorea	Scuticociliatia_2	Scuticociliatia_2_X	Cyclidium_3	Cyclidium_glaucoma	Unknown
Eukaryota	Alveolata	Oligohymenophorea	Scuticociliatia_2	Scuticociliatia_2_X	Protocyclidium	Protocyclidium_citrullus	Unknown
Eukaryota	Alveolata	Prostomatea_3	Prostomatea_3_X	Holophryidae	Pelagothrix	Pelagothrix_alveolata	Unknown
Eukaryota	Opisthokonta	Eurotatoria	Ploima	Brachionidae	Keratella	Keratella_quadrata	Unknown
Eukaryota	Alveolata	Spirotrichea	Hypotrichia	Halteriidae	Halteriidae_X	Halteriidae_X_sp.	Unknown
Eukaryota	Archaeplastida	Trebouxioophyceae	Chlorellales	Chlorellales_X	Microctinium	Microctinium_reisseri	Unknown
Eukaryota	Opisthokonta	Hydrozoa	Anthoathecata	Hydridae	Hydra	Hydra_viridissima	Green hydra fresh-water polyp
Eukaryota	Opisthokonta	Insecta	Diptera	Chironomidae	Psectrotanypus	Psectrotanypus_varius	Unknown
Eukaryota	Opisthokonta	Insecta	Diptera	Chironomidae	Unknown	Unknown	Unknown
Eukaryota	Opisthokonta	Malacostraca	Isopoda	Asellidae	Asellus	Asellus_aquaticus	2-spotted water hog-louse

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Kingdom	Supergroup	Class	Order	Family	Genus	Species	CommonName
Bacteria	Acidobacteriota	Thermoanaerobaculia	Thermoanaerobaculales	Thermoanaerobaculaceae	Subgroup 23		
Bacteria	Actinobacteriota	Actinobacteria	Frankiales	Sporichthyaceae	hgcl clade		
Bacteria	Actinobacteriota	Actinobacteria	Micrococcales	Microbacteriaceae	Aurantimicrobium		
Bacteria	Actinobacteriota	Actinobacteria	Micrococcales	Microbacteriaceae	MWH-Ta3		
Bacteria	Actinobacteriota	Actinobacteria	PeM15	Unknown	Unknown		
Bacteria	Bacteroidota	Bacteroidia	Bacteroidales	Bacteroidetes vadinHA17	Unknown		
Bacteria	Bacteroidota	Bacteroidia	Bacteroidales	Paludibacteraceae	Paludibacter		
Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Chitinophagaceae	Sediminibacterium		
Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Crocinitomicaceae	Fluviicola		
Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Crocinitomicaceae	Unknown		
Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Flavobacteriaceae	Flavobacterium		
Bacteria	Bacteroidota	Bacteroidia	Flavobacteriales	Weeksellaceae	Chryseobacterium		
Bacteria	Bacteroidota	Bacteroidia	Sphingobacteriales	LiUU-11-161	Unknown		
Bacteria	Bacteroidota	Bacteroidia	Sphingobacteriales	env.OPS 17	Unknown		
Bacteria	Campylobacterota	Campylobacteria	Campylobacterales	Arcobacteraceae	Pseudarcobacter		
Bacteria	Campylobacterota	Campylobacteria	Campylobacterales	Arcobacteraceae	Unknown		
Bacteria	Campylobacterota	Campylobacteria	Campylobacterales	Campylobacteraceae	Campylobacter		
Bacteria	Campylobacterota	Campylobacteria	Campylobacterales	Sulfurimonadaceae	Sulfuricurvum		
Bacteria	Campylobacterota	Campylobacteria	Campylobacterales	Sulfurimonadaceae	Sulfurimonas		
Bacteria	Chloroflexi	Dehalococcoidia	Dehalococcoidales	Unknown	Unknown		
Bacteria	Cyanobacteria	Cyanobacteriia	Chloroplast	Unknown	Unknown		
Bacteria	Desulfobacterota	Desulfobacteria	Desulfobacterales	Desulfosarcinaceae	Sva0081 sediment group		
Bacteria	Desulfobacterota	Desulfobulbia	Desulfobulbales	Desulfocapsaceae	Unknown		
Bacteria	Fusobacteriota	Fusobacteriia	Fusobacteriales	Fusobacteriaceae	Fusobacterium		
Bacteria	Gemmatimonadot	Gemmatimonadetes	Gemmatimonadales	Gemmatimonadaceae	Unknown		
Bacteria	Patescibacteria	Gracilibacteria	Unknown	Unknown	Unknown		
Bacteria	Planctomycetota	Planctomycetes	Pirellulales	Pirellulaceae	Candidatus Anammoximicrobium		
Bacteria	Proteobacteria	Alphaproteobacteria	Caulobacterales	Caulobacteraceae	Brevundimonas		
Bacteria	Proteobacteria	Alphaproteobacteria	Holosporales	Holosporaceae	Candidatus Bealeia		
Bacteria	Proteobacteria	Alphaproteobacteria	Rickettsiales	Fokiniaceae	Lyticum		
Bacteria	Proteobacteria	Alphaproteobacteria	Rickettsiales	Fokiniaceae	MD3-55		
Bacteria	Proteobacteria	Alphaproteobacteria	Rickettsiales	Fokiniaceae	Unknown		
Bacteria	Proteobacteria	Alphaproteobacteria	Rickettsiales	Mitochondria	Unknown		
Bacteria	Proteobacteria	Alphaproteobacteria	Rickettsiales	Rickettsiaceae	Unknown		
Bacteria	Proteobacteria	Alphaproteobacteria	Rickettsiales	Unknown	Unknown		
Bacteria	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	Unknown		
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Alcaligenaceae	GKS98 freshwater group		
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Burkholderiaceae	Polynucleobacter		
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Comamonadaceae	Rhodoferax		
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Comamonadaceae	Simplicispira		
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Comamonadaceae	Unknown		

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Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Methylophilaceae	Candidatus Methylopumilus		
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Rhodocyclaceae	C39		
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Rhodocyclaceae	Dechloromonas		
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Rhodocyclaceae	Ferribacterium		
Bacteria	Proteobacteria	Gammaproteobacteria	Diplorickettsiales	Diplorickettsiaceae	Rickettsiella		
Bacteria	Proteobacteria	Gammaproteobacteria	Enterobacterales	Yersiniaceae	Unknown		
Bacteria	Proteobacteria	Gammaproteobacteria	Legionellales	Legionellaceae	Legionella		
Bacteria	Proteobacteria	Gammaproteobacteria	Methylococcales	Methylomonadaceae	Unknown		
Bacteria	Proteobacteria	Gammaproteobacteria	R7C24	Unknown	Unknown		
Bacteria	Proteobacteria	Gammaproteobacteria	Steroidobacterales	Steroidobacteraceae	Unknown		
Bacteria	Proteobacteria	Gammaproteobacteria	Unknown	Unknown	Unknown		
Bacteria	Proteobacteria	Unknown	Unknown	Unknown	Unknown		
Bacteria	Unknown	Unknown	Unknown	Unknown	Unknown		