

ScientificName	Rank	TaxID	CommonName
<i>Salmo trutta</i>	species	8032	Brown trout; taraute; tarauta
<i>Fuchsia excorticata</i>	species	253483	Tree fuchsia; New Zealand fuchsia; kōtuk
<i>Aristotelia serrata</i>	species	140574	Wineberry; makomako
<i>Anas platyrhynchos</i>	species	8839	Mallard duck; rakiraki
<i>Paranephrops zealandicus</i>	species	315725	Southern koura; kōura
<i>Hemiphaga novaeseelandiae</i>	species	262124	Kereru; kererū
<i>Anguilla dieffenbachii</i>	species	61127	Longfin eel; tuna; kūwharuwharu; rehere
<i>Tubifex tubifex</i>	species	6386	Sludge worm
<i>Muehlenbeckia australis</i>	species	580468	
<i>Lumbriculus variegatus</i>	species	61662	Blackworm
<i>Euglesa personata</i>	species	2953005	Red crusted pea mussel
<i>Carpodetus serratus</i>	species	54173	Putaputaweta; putaputawētā
<i>Pennantia corymbosa</i>	species	159371	Kaikomako; kaikomako
<i>Bos taurus</i>	species	9913	Cattle; kau
<i>Austrosimulium australense</i>	species	10000005	Sandfly
<i>Schefflera digitata</i>	species	327232	Seven-finger; patē; patatē; patete; kōtēt
<i>Turdus merula</i>	species	9187	Blackbird; manu pango
<i>Salix alba</i>	species	75704	White willow
<i>Cricotopus</i> sp. NZeP20	species	1667446	NZ mining midge
<i>Coloburiscus humeralis</i>	species	241031	NZ spinygilled mayfly
<i>Stylodrilus heringianus</i>	species	77571	Worm
<i>Acer pseudoplatanus</i>	species	4026	Sycamore maple
<i>Psilochorema bidens</i>	species	1968986	NZ caddisfly
<i>Eiseniella tetraedra</i>	species	1302610	Squaretail worm
<i>Pittosporum eugenioides</i>	species	317702	Lemonwood; tarata
<i>Rattus rattus</i>	species	10117	Black Rat; hinamoki; inamoki
<i>Limnodrilus hoffmeisteri</i>	species	76587	Redworm
<i>Nais communis/variabilis complex</i> sp. A1	species	1138460	Sludgeworm
<i>Aoteapsyche colonica</i>	species	177870	NZ caddisfly
<i>Chaetogaster diaphanus</i>	species	212246	Oligochaete worm
<i>Sphaerium novaezealandiae</i>	species	192880	NZ freshwater clam
<i>Antarctodrilus proboscidea</i>	species	251436	Segmented worm
<i>Craspedacusta sowerbii</i>	species	128124	Freshwater jellyfish
<i>Gobiomorphus huttoni</i>	species	587584	Redfin bully
<i>Nais elinguis</i>	species	74736	Sludgeworm
<i>Arrhenatherum elatius</i>	species	52139	
<i>Audouinella hermannii</i>	species	31360	Black algae
<i>Stenostomum leucops aquariorum</i>	subspecies	84092	
<i>Ripogonum scandens</i>	species	1355408	Supplejack; kareao; pirita
<i>Coprosma rotundifolia</i>	species	1403484	
<i>Neozephebia scita</i>	species	551888	Mayfly
<i>Phormium tenax</i>	species	51475	NZ flax; harakeke
<i>Sheathia transpacific</i>	species	2781386	Red alga
<i>Canis lupus</i>	species	9612	Dog; pero
<i>Turdus philomelos</i>	species	127946	Song thrush
<i>Anguilla australis</i>	species	7940	Shortfin eel; tuna; hao; aopori; hikumutu
<i>Euura proxima</i>	species	112323	Introduced sawfly
<i>Juglans regia</i>	species	51240	English walnut
<i>Pectinopitys ferruginea</i>	species	120635	Miro; miro

<i>Griselinia littoralis</i>	species	86852	New Zealand broadleaf; pāpāuma; kapuk
<i>Lumbricus rubellus</i>	species	35632	Red earthworm
<i>Cervus elaphus</i>	species	9860	Red Deer; tia
<i>Dactylis glomerata</i>	species	4509	Catgrass; cocksfoot
<i>Drepanosiphum platanoidis</i>	species	527648	Sycamore aphid
<i>Oxyethira albiceps</i>	species	697957	Micro caddisfly
<i>Chaetogaster diastrophus</i>	species	74727	Oligochaete worm
<i>Nasturtium officinale</i>	species	65948	Watercress; wātakirihi; kōwhitiwhiti
<i>Galaxias maculatus</i>	species	61620	Inanga; inanga
<i>Hypericum androsaemum</i>	species	140968	
<i>Holcus lanatus</i>	species	29679	Yorkshire fog
<i>Porphyrio melanotus</i>	species	72013	Pukeko; pūkeko
<i>Pterocomma pilosum</i>	species	198314	
<i>Potamothrix bavaricus</i>	species	745771	Aquatic oligochaete worm
<i>Zelandobius foxi</i>	species	1921463	Stonefly
<i>Metainae sp. LB-2014b</i>	species	1654904	
<i>Hypogastrura purpureascens</i>	species	999745	Springtail
<i>Anthornis melanura</i>	species	698975	Bellbird; korimako
<i>Cairina moschata</i>	species	8855	Muscovy duck
<i>Chaetogaster sp. CEE</i>	species	3032101	
<i>Hoheria angustifolia</i>	species	288271	
<i>Archichauliodes diversus</i>	species	1763602	NZ dobsonfly; puene
<i>Salvelinus fontinalis</i>	species	8038	Brook trout; brook char
<i>Nais communis</i>	species	188228	Sludgeworm
<i>Deleatidium sp. DI_S38_02</i>	species	1814608	Single gill mayfly
<i>Ectopsocus briggsi</i>	species	322492	Psocopteran fly
<i>Potamopyrgus antipodarum</i>	species	145637	Mud Snail
<i>Cochliopodium kieliense</i>	species	1512276	Amoeba
<i>Prunella modularis</i>	species	181117	Dunnock
<i>Phormium tenax or cookianum</i>	species	10000152	Flax; harakeke or wharariki
<i>Sturnus vulgaris</i>	species	9172	Common starling; tāringi
<i>Anurida granaria</i>	species	187597	
<i>Eisenia fetida</i>	species	6396	Tiger worm
<i>Trichosurus vulpecula</i>	species	9337	Common brushtail possum; paihamu; pa
<i>Kerria japonica</i>	species	120385	Di tang hua; Japanese kerria; Japanese rc
<i>Scrophularia auriculata</i>	species	1053393	
<i>Gobiomorphus hubbsi</i>	species	86237	Bluegilled bully
<i>Herpetocypris brevicaudata</i>	species	3376873	
<i>Macrosiphum euphorbiae</i>	species	13131	Potato aphid
<i>Pentaglottis sempervirens</i>	species	203760	
<i>Hydrobiosis chalcodes</i>	species	1968946	Caddisfly
<i>Mus musculus</i>	species	10090	House mouse
<i>Erinaceus europaeus</i>	species	9365	European hedgehog; hetiheti; tuatete
<i>Ailanthus altissimus</i>	species	2768810	China-sumac
<i>Glyceria declinata</i>	species	52154	Low Manna Grass
<i>Poa trivialis</i>	species	89684	Rough bluegrass
<i>Sitobion sp.</i>	species	44666	
<i>Tuberculatus annulatus</i>	species	527890	Common oak aphid
<i>Aulacorthum solani</i>	species	202456	Foxglove aphid
<i>Nearctaphis bakeri</i>	species	1074823	Aphid

<i>Conium maculatum</i>	species	13447 Fool's-parsley
<i>Anthoxanthum</i> sp. MP-2014	species	1495509
<i>Canis lupus familiaris</i>	subspecies	9615 Dog; pero
<i>Limnodrilus udekemianus</i>	species	146604 Worm
<i>Scorzoneroides autumnalis</i>	species	212686 Autumn hawkbit; Fall dandelion
<i>Hydra vulgaris</i>	species	6087 Hydra
<i>Calystegia sepium</i>	species	47519 Hedge bindweed
<i>Spaniocerca longicauda</i>	species	714323 Stonefly
<i>Trifolium repens</i>	species	3899 Creeping white clover
<i>Fringilla coelebs</i>	species	37598 Common chaffinch; pahirini
<i>Aulodrilus plurisetus</i>	species	76585 Aquatic oligochaete worm
<i>Ulex europaeus</i>	species	3902 Gorse; Furze
<i>Hedera helix</i>	species	4052 English ivy
<i>Hudsonema alienum</i>	species	699955 Cased caddisfly
<i>Costelytra zealandica</i>	species	50579 Grass grub
<i>Anser anser</i>	species	8843 Greylag goose
<i>Chamaecyparis lawsoniana</i>	species	58030 Port Orford cedar; Lawson cypress
<i>Pantopsalis albipalpis</i>	species	2822148
<i>Paraphysomonas</i> sp.	species	1955561 Golden-brown alga
<i>Zelandoperla tillyardi</i>	species	1969006
<i>Clematis paniculata</i>	species	384955
<i>Eucolaspis</i> sp. PRCD2015a	species	1765456
<i>Ilyodrilus</i> sp. CEB	species	3386351
<i>Caeciliusidae</i> sp.	species	2938376
<i>Megaleptoperla diminuta</i>	species	10000325
<i>Cladius grandis</i>	species	2034795
<i>Brevicoryne brassicae</i>	species	69196 Cabbage aphid
<i>Prothemadera novaeseelandiae</i>	species	266374 Tui; tūi
<i>Catoptes cuspidatus</i>	species	1938015
<i>Octolasion cyaneum</i>	species	302033 Worm
<i>Cognettia chalupskyi</i>	species	1628351 Worm
<i>Hedera hibernica</i>	species	85353 Atlantic ivy
<i>Psocoptera</i> sp. NZAC 03011179	species	1597594
<i>Pristina</i> sp. CEE	species	3386361
<i>Costachorema psaropteron</i>	species	697975 Caddisfly
<i>Isotomurus palustris</i>	species	36144 Marsh springtail
<i>Bothrioneurum vej dovskyanum</i>	species	188204 Worm
<i>Korthalsella salicornioides</i>	species	74345 Native dwarf Mistletoe
<i>Sophora microphylla</i>	species	70607 Kowhai; kōwhai
<i>Morova subfasciata</i>	species	753200
<i>Polyplectropus puerilis</i>	species	1223712 Caddisfly
<i>Lathyrus oleraceus</i>	species	3888 Garden pea
uncultured <i>Pythium</i>	species	205931
<i>Myrsine australis</i>	species	450843 Red matipo; māpou
<i>Huberia striata</i>	species	610399 NZ ant
<i>Cernovitoviella aggtelekiensis</i>	species	913639 Worm
<i>Prunus laurocerasus</i>	species	32242 Cherry laurel
<i>Acacia melanoxylon</i>	species	138028 Australian blackwood
<i>Maytenus boaria</i>	species	490002
<i>Aesculus hippocastanum</i>	species	43364 Common horse chestnut; horse chestnut

Dolichopodidae sp. AgR-A10	species	2170640
Pristina sp. CEF	species	3386362
Acanthocyclops robustus	species	415614 Copepod
Galium aparine	species	29788
Rhopalosiphum padi	species	40932 Bird cherry-oat aphid
Fuchsia magellanica	species	162012 Hummingbird fuchsia
Myzus ornatus	species	44658 Ornate aphid; violet aphid
Kunzea ericoides	species	106044 White tea-tree; Burgan; kānuka
Brachycaudus helichrysi	species	330452 Leaf curl plum aphid
Spaniocerca zwicki	species	466815 Stonefly
Chloroclystis filata	species	1371973 Filata moth
Meridiopyrgus muaukau	species	284264
Luffa aegyptiaca	species	3670 Dishcloth gourd
Lepidodermella squamata	species	1194616 Gastrotrich worm
Dendropanax hainanensis	species	133932
Fraxinus excelsior	species	38873 European ash
Austrosimulium sp.	species	3073296
Acanthoxyla geisovii	species	325638 Prickly stick-insect
Costachorema xanthopterygum	species	697976 Caddisfly
Philadelphus calvescens	species	2294062
Ceratophysella gibbosa	species	187618 Springtail
Olinga feredayi	species	177813 Hornycased caddisfly
Stellaria alsine	species	254021 Bog stitchwort
Hypochaeris radicata	species	58656 Flatweed
Planotortrix notophaea	species	65037 Blacklegged leafroller moth
Columba livia	species	8932 Pigeon
Talitropsis sedilloti	species	153205 Cave weta; wētā
Hoheria aff. sexstylosa SJW-2009	species	703523
Phytophthora chlamydospora	species	1692154 Water mould
Chamaedrilus aff. glandulosus B SM-2014	species	1502718 Worm
Malus domestica	species	3750 Apple
Agrostis stolonifera	species	63632 Creeping bent grass
Carex secta	species	291486 Makura
Rattus norvegicus	species	10116 Norway Rat; pouhawaiki; pou o hawaiki;
Lepidoptera sp. BOLD:AAA0490	species	830289
Virgilia oroboides	species	58847
Anisoplaca achyrota	species	1280441
Deleatidium wardorum	species	1968932 NZ mayfly
Festuca myuros or ambigua	species	10000430 Annual fescue
Fagus sylvatica subsp. sylvatica	subspecies	196624
Nothofagus menziesii	species	28945 Silver beech; tawhai; tahina
Stachys sylvatica	species	53175
Diptera sp. NZAC 03009343	species	1596748
Acizzia dodonaeae	species	2044801
Acroperla trivacuata	species	1778584 Stonefly
Hypericum calycinum	species	55963 Aaron's-beard
Nasonovia ribisnigri	species	269403 Lettuce aphid
Psychodidae sp. BOLD:AAU4648	species	2660484
Clubiona huttoni	species	1131920 Sac spider
Forsteropsalis marplei	species	1502891

<i>Ovis aries</i>	species	9940	Sheep; pirikahu; hipi
<i>Acer palmatum</i>	species	66201	Japanese maple
<i>Onychiuridae</i> sp. SA-2013	species	1387108	Springtail
<i>Rhopalosiphoninus latysiphon</i>	species	1657267	
<i>Viola hirta</i>	species	369421	
<i>Physella acuta</i>	species	109671	Left handed sinistral snail
<i>Carex uncifolia</i> or <i>cirrhusa</i>	species	10000275	Sedge
<i>Ophiulus pilosus</i>	species	118470	Millipede
<i>Berberis thunbergii</i>	species	121720	Japanese barberry
<i>Prunella vulgaris</i>	species	39358	Self-heal
<i>Nais communis</i> complex sp. A3	species	3386979	
<i>Allolobophora chlorotica</i>	species	302034	Green worm
<i>Sheathia boryana</i>	species	1486647	Red alga
<i>Juncus articulatus</i>	species	223654	Jointleaf rush
<i>Hydroptilidae</i> sp. 12KH6B	species	1877717	Purse-case caddisfly
<i>Powellia vitreoradiata</i>	species	1950761	
<i>Digitalis purpurea</i>	species	4164	Common foxglove
<i>Nais communis/variabilis</i> complex sp. A3	species	1138462	Sludgeworm
<i>Enchytraeus buchholzi</i> complex sp. 2 MK	species	2664990	Grindal worm
<i>Alopecurus geniculatus</i>	species	114195	
<i>Phleum pratense</i>	species	15957	Timothy
<i>Wiseana copularis</i>	species	107014	
<i>Encyonema</i> sp. WJS-2015a	species	1752053	Diatom
<i>Prunus avium</i>	species	42229	Gean
<i>Acer cappadocicum</i>	species	169053	Cappadocian maple
<i>Ameletopsis perscitus</i>	species	309672	Yellow mayfly
<i>Lotus pedunculatus</i>	species	347994	Big trefoil
<i>Globulidrilus riparius</i> complex sp. CEC	species	3394067	
<i>Festuca muralis</i>	species	200524	
<i>Stenoperla maclellani</i>	species	143708	Stonefly
<i>Sisymbrium officinale</i>	species	203582	
<i>Glyceria notata</i>	species	388682	
<i>Smittia</i> sp. 8ES	species	1473756	
<i>Chrysophyceae</i> sp.	species	1955566	
<i>Prionoplus reticularis</i>	species	641891	Huhu beetle
<i>Phoridae</i> sp. BOLD:AAU5541	species	2660288	
<i>Enchytraeus buchholzi</i> complex sp. CEF	species	3394014	
<i>Declana floccosa</i>	species	344251	Forest semilooper
<i>Trichoptera</i> sp. BOLD:AAO0451	species	977429	
<i>Nothophytophthora irlandica</i>	species	2796155	
<i>Zealandia pustulata</i>	species	253765	Kangaroo paw fern; kōwaowao; pāraharā
<i>Helix</i> sp. USCM5901	species	2482000	
<i>Pristina jenkiniae idrensis</i>	subspecies	3386344	
<i>Neanura muscorum</i>	species	106920	Springtail
<i>Hypogastrura distincta</i>	species	1725398	Springtail
<i>Araneidae</i> sp.	species	2938367	
<i>Ulmus parvifolia</i>	species	63058	Chinese elm
<i>Deroceras reticulatum</i>	species	145610	Grey field slug; Grey garden slug
<i>Psyllopsis fraxinicola</i>	species	1585347	Jumping plant lice
<i>Rotaria rotatoria</i>	species	231624	Rotifer

<i>Frustulia vulgaris</i>	species	431358	Diatom
<i>Nitzschia acidoclinata</i>	species	1302829	Diatom
<i>Nothophytosphthora lirii</i>	species	2796156	
<i>Hypericum patulum</i>	species	212239	
<i>Hyadaphis passerinii</i>	species	1425398	Aphid
<i>Powellia irregularis</i>	species	3033071	
<i>Megaleptoperla grandis</i>	species	1777210	Stonefly
<i>Limonia repanda</i>	species	10000331	Cranefly
<i>Aphis cottieri</i>	species	224531	Aphid
<i>Pinnularia</i> sp. 10 CS-2011	species	1089247	Freshwater diatom
<i>Palpita vitrealis</i>	species	1858049	Jasmine moth
<i>Tropaeolum majus</i>	species	4020	Nasturtium
<i>Mecodema sculpturatum</i>	species	153203	
<i>Cryptachaea veruculata</i>	species	1227666	Cobweb spider
<i>Lamium galeobdolon</i> subsp. <i>argentatum</i>	subspecies	1080047	
<i>Empididae</i> sp. AgR-A13	species	2170642	
<i>Passer domesticus</i>	species	48849	House sparrow; tiu
<i>Berberis darwinii</i>	species	186723	
<i>Pinnularia</i> cf. <i>isselana</i>	species	1089223	Diatom
<i>Bellis perennis</i>	species	41492	English daisy; Lawn daisy; Common daisy
<i>Cardamine flexuosa</i>	species	50462	Woodland bittercress
<i>Prunus pseudocerasus</i>	species	151439	Chinese sour cherry
<i>Omiodes decialis</i>	species	1557911	
<i>Sphictostethus nitidus</i>	species	2723700	
<i>Forficula auricularia</i>	species	13068	Common earwig
<i>Philodina flaviceps</i>	species	408863	Rotifer
<i>Clubiona convoluta</i>	species	1131919	
<i>Artioposthia</i> sp. MAP-2020	species	2725007	
<i>Rosa canina</i>	species	74635	Dog briar
<i>Austroperla cyrene</i>	species	270856	Stonefly
<i>Euura oligospila</i>	species	884586	Sawfly
<i>Rhopalosiphoninus staphyleae</i>	species	1657268	
<i>Protohystricia</i> sp.	species	3468674	
<i>Calliphora quadrimaculata</i>	species	81696	Blue blowfly; rango pango
<i>Diplocephalus cristatus</i>	species	932989	Sheet weavers
<i>Bradysia pallipes</i>	species	1313105	
<i>Sidymella angulata</i>	species	1478093	Square ended crab spider; pūngāwere; p
<i>Anystidae</i> sp. BOLD:ABW5637	species	1685353	
<i>Zephlebia spectabilis</i>	species	1969014	NZ mayfly
<i>Anas</i>	genus	8835	Dabbling ducks
<i>Flavobacterium</i>	genus	237	
<i>Potamopyrgus</i>	genus	145636	Mud snails
<i>Melicytus</i>	genus	212267	Mahoe; māhoe
<i>Ranunculus</i>	genus	3445	Buttercups; spearworts; water crowfoots
<i>Tokophrya</i>	genus	168138	
<i>Pittosporum</i>	genus	23129	
<i>Fuchsia</i>	genus	13069	
<i>Coprosma</i>	genus	35905	Coprosma
<i>Erythranthe</i>	genus	1502711	Monkey-flowers; musk-flowers
<i>Acer</i>	genus	4022	Maple

Aulodrilus	genus	76584 Aquatic oligochaete worm
Aristotelia	genus	138854
Aeolosoma	genus	55816 Minute freshwater worm
Stentor	genus	5962
Cellvibrio	genus	10
Turdus	genus	9186 Thrush; manu pango
Chaetonotus	genus	68038 Gastrotrich
Salix	genus	40685 Willows
Hydra	genus	6083 Hydra
Rumex	genus	3618 Docks; sorrels
Trithigmostoma	genus	37473
Pseudomonas	genus	286
Vorticella	genus	60849
Trifolium	genus	3898 Clover; trefoil
Muehlenbeckia	genus	76038 Maidenhair
Hemiphaga	genus	262123 New Zealand pigeon; kereru; parea
Navicula	genus	50949 Diatom
Nais	genus	74730 Sludgeworm
Hydrogenophaga	genus	47420
Hydrobiosis	genus	697982 NZ Caddisfly
Salmo	genus	8028 Trout; taraute
Melosira	genus	35124 Diatom
Populus	genus	3689 Poplars; aspens; cottonwoods
Arcicella	genus	217140
Oxyethira	genus	173796 Micro caddisfly
Alnus	genus	3515 Alder
Fusobacterium	genus	848
Polaromonas	genus	52972
Gomphonema	genus	97226 Diatom
Candidatus Rhabdochlamydia	genus	292833
Lacihabitans	genus	1649462
Cladius	genus	362122
Vallea	genus	124858
Arrhenatherum	genus	52138
Buddleja	genus	26473 Butterfly bush
Paranephrops	genus	99773 Freshwater crayfish; koura; kēkēwai; kēv
Cytisus	genus	3833 Brooms
Macromonas	genus	183669
Arenimonas	genus	490567
Reyranella	genus	445219
Pedobacter	genus	84567
Neobodo	genus	312470
Acroperus	genus	362321
Chryseolinea	genus	1433993
Chaetogaster	genus	74726 Oligochaete worm
Clostridium	genus	1485
Paludibacter	genus	346096
Stenostomum	genus	39238 Freshwater catenulid flatworm
Crataegus	genus	23159 Hawthorn
Deleatidium	genus	551873 NZ mayfly

Phocaeicola	genus	909656	
Cladophora	genus	34125	Green alga
Tetrahymena	genus	5890	
Nothofagus	genus	26779	Southern beeches
Leptospermum or Kunzea	genus	10000288	Manuka or kanuka
Sheathia	genus	1486645	Freshwater red alga
Podocarpus	genus	3363	Conifers
Bradyrhizobium	genus	374	
Aeromonas	genus	642	
Sphingomonas	genus	13687	
Austroperla	genus	270855	Stonefly
Glyceria	genus	37871	Mannagrasses; sweet-grasses
Rubus	genus	23216	Bramble
Novosphingobium	genus	165696	
Trachelius	genus	993382	
Paramecium	genus	5884	
Rumex subgen. Acetosa	subgenus	2732585	
Prevotella	genus	838	
Sphingorhabdus	genus	1434046	
Gobiomorphus	genus	86236	Bullies
Emticicia	genus	312278	
Poa	genus	4544	Bluegrass
Galium	genus	25168	Bedstraw
Flectobacillus	genus	101	
Agrostis	genus	15297	Bent grasses
Symphytum	genus	192327	
Thuja	genus	3315	
Veronica	genus	4173	Brooklimes
Hyphomicrobium	genus	81	
Sambucus	genus	4201	
Rhodobacter	genus	1060	
Colpidium	genus	5926	
Mucilaginibacter	genus	423349	
Tetracladium	genus	164535	Fungus
Ferribacterium	genus	88875	
Carchesium	genus	168243	
Kunzea	genus	106040	
Asticcacaulis	genus	76890	
Betula	genus	3504	Birch
Legionella	genus	445	
Megamonas	genus	158846	
Chironomus	genus	7150	Midges
Ulex	genus	3901	Gorses
Hydrurus	genus	2995	
Ideonella	genus	36862	
Olpidium	genus	70188	
Dactylis	genus	4508	Bluegrass
Digitalis	genus	4163	Foxgloves
Hoheria	genus	288238	Ribbonwood
Pseudoplatyophrya	genus	88569	

Methylobacterium	genus	407	
Pelobacter	genus	18	
Romboutsia	genus	1501226	
Lemonniera	genus	222514	Aquatic fungi
Saprolegnia	genus	4769	Cotton mould; water mould
Cytophaga	genus	978	
Eucalyptus	genus	3932	
Bacteroides	genus	816	
Oleispira	genus	188907	
Sphingopyxis	genus	165697	
Ribes	genus	3801	Currants; gooseberries
Lathyrus	genus	3853	
Metacineta	genus	2585968	
Spumella	genus	89043	Golden-brown alga
Pontixanthobacter	genus	2792075	
Surirella	genus	216753	Diatom
Nocardioides	genus	1839	
Passer	genus	9159	Sparrow; tiu
Sideroxydans	genus	314343	
Marinobacter	genus	2742	
Zosterops	genus	36298	White eye; pihipih; tauhou; hiraka
Butyricococcus	genus	580596	
Haliscomenobacter	genus	2349	
Tolumonas	genus	43947	
Oligoflexus	genus	1553903	
Ichthyobodo	genus	155202	Fish pathogen
Maytenus	genus	123430	
Uliginosibacterium	genus	392735	
Cinetochilum	genus	693930	
Aphanomyces	genus	100860	
Rhodovulum	genus	34008	
Eucyclops	genus	84316	Copepod
Betamyces	genus	1167810	
Agolohymena	genus	863765	
Festuca	genus	4605	Grass
Clematis	genus	3452	
Ligustrum	genus	13596	Privets
Chryseobacterium	genus	59732	
Bauhinia	genus	3805	
Cyclidium	genus	35099	
Lacrymaria	genus	185694	
Sterolibacterium	genus	157591	
Geothrix	genus	44675	
Triplectides	genus	144280	Caddisfly
Sutterella	genus	40544	
Eiseniella	genus	1302608	Worm
Calystegia	genus	47518	Bindweed
Devosia	genus	46913	
Cercomonas	genus	45109	
Spirostomum	genus	37867	Ciliate

Ignatzschineria	genus	112008
Rivihabitans	genus	1649488
Cervus	genus	9859 Deer
Pseudolabrys	genus	556257
Arcobacter	genus	28196
Platycola	genus	3003279
Streptococcus	genus	1301
Lonicera	genus	49606 Honeysuckles
Canis	genus	9611 Dog; pero
Ruminiclostridium	genus	1508657
Labilithrix	genus	1524217
Pseudoflavonifractor	genus	1017280
Tepidisphaera	genus	1771356 Bacteria
Iodobacter	genus	32014
Nitrospira	genus	1234
Hydrocotyle	genus	4048 Water pennywort; Indian pennywort; ma
Brevundimonas	genus	41275
Chamaedrillus	genus	1628347 Worm
Tilia	genus	64580 Lindens
Verrucomicrobium	genus	2735
Denitratisoma	genus	311181
Shinella	genus	323620
Caulobacter	genus	75
Nothocladus	genus	39573 Freshwater red alga
Neopanax	genus	310852
Ameletopsis	genus	309671 Mayfly
Paranais	genus	74741 Worm
Paracyclops	genus	938119 Copepod
Segregatospumella	genus	1841640
Hyalella	genus	199487
Acinetobacter	genus	469
Pythium	genus	4797 Parasitic oomycete
Blepharisma	genus	5959
Vogesella	genus	57739
Rosa	genus	3764 Roses
Bodo	genus	5712 Excavate
Cavariella	genus	330420
Lolium	genus	4520
Placus	genus	693142
Methylovorus	genus	81682
Griselinia	genus	16912
Aphis	genus	80764 Aphid
Desulfovibrio	genus	872
Terrimonas	genus	296051
Miamiensis	genus	279579
Elongisporangium	genus	1448050
Rhododendron	genus	4346
Goniomonas	genus	31324
Coralimargarita	genus	442430
Ilumatobacter	genus	682522

Flavonifractor	genus	946234
Malikia	genus	263066
Nowakowskiella	genus	109880
Ulmus	genus	24735 Elms
Cephaloidophora	genus	947084
Gemmata	genus	113
Pirellula	genus	123
Cochliopodium	genus	313557 Amoeba
Hymenobacter	genus	89966
Roseomonas	genus	125216
Demequina	genus	577469
Sorbus	genus	23222 Mountain ashes
Avena	genus	4496
Azohydromonas	genus	312063
Declana	genus	344250
Loxophyllum	genus	39458
Sorodiplophrys	genus	1804150
Alistipes	genus	239759
Holophaga	genus	35838
Rhodoblastus	genus	168658
Rhynchomonas	genus	127149 Flagellates
Rheinheimera	genus	67575
Metrosideros	genus	62695 Myrtle
Armatimonas	genus	1042315
Sulfuricurvum	genus	286130
Anthoxanthum	genus	15324 Vernalgrasses
Desulfomonile	genus	2357
Hadena	genus	691642
Turcibacter	genus	191303
Echinodiopsis	genus	1042200
Bdellovibrio	genus	958
Sphingobacterium	genus	28453
Epilobium	genus	13054
Bryobacter	genus	911113
Sclerotinia	genus	5179
Allobosea	genus	85413
Fluviicola	genus	332102
Steroidobacter	genus	469322
Microbacterium	genus	33882
Phytophthora	genus	4783 Water mold
Mangifera	genus	23461 Mangoes
Microlunatus	genus	29404
Histiobalantium	genus	552360
Polyplectropus	genus	600663 Caddisfly
Woronina	genus	1484335
Plumatella	genus	34519 Plumatella
Thermomonas	genus	141948
Lotus	genus	3867
Korotnevella	genus	200888 Amoeba
Chrysanthemum	genus	13422

Rehmannia	genus	99299	
Qipengyuania	genus	1855416	
Acetobacterium	genus	33951	
Tetmemena	genus	200606	
Cephalodella	genus	231615	
Candidatus Solibacter	genus	332162	
Parabodo	genus	140243	
Chitinophaga	genus	79328	
Rhizomicrobium	genus	1241326	
Rudaibacter	genus	1434039	
Spirosoma	genus	107	
Arion	genus	6542	
Dyadobacter	genus	120831	
Pentaglottis	genus	203759	
Actinoplanes	genus	1865	
Coloburiscus	genus	241030	Mayfly
Epicarchesium	genus	346244	
Aquicella	genus	254245	
Oscillibacter	genus	459786	
Passiflora	genus	3684	Passionflowers
Dicranophorus	genus	360658	
Aquihabitans	genus	1648491	
Dryopteris	genus	3287	
Cystofilobasidium	genus	5410	
Pseudonocardia	genus	1847	
Sphingobium	genus	165695	
Ochromonas	genus	2985	
Diplonema	genus	91373	
Cetobacterium	genus	180162	
Zavarzinella	genus	600332	
Echinamoeba	genus	136449	
Cerastium	genus	3579	Mouse-eared chickweed
Spongospora	genus	70185	
Acetobacter	genus	434	
Roseburia	genus	841	
Dialister	genus	39948	
Ctenopseustis	genus	65023	Brownheaded leafroller moth
Isosphaera	genus	127	
Strombidium	genus	60005	
Deefgea	genus	400947	
Budvicia	genus	82978	
Zoogloea	genus	349	
Pedomicrobium	genus	47494	
Nitzschia	genus	2857	Pennate diatom
Flavisolibacter	genus	398041	
Nuclearia	genus	154967	Amoeba
Parallorchestes	genus	932773	
Roseiarcus	genus	1643958	
Anser	genus	8842	Grey Geese
Microscolex	genus	415537	

Procryptobia	genus	266822	
Hedera	genus	4051	Ivies
Tubifex	genus	6385	Worm
Chthoniobacter	genus	295577	
Helicobacter	genus	209	
Paracercomonas	genus	372085	Rhizarian
Acacia	genus	3808	Wattles
Adalia	genus	7083	
Alopecurus	genus	15303	Foxtail grass
Rattus	genus	10114	Rat
Pantopsalis	genus	440071	Harvestmen
Lacustromyces	genus	110069	
Quendis	genus	3476571	
Peregrinia	genus	1538467	
Prorhynchus	genus	39219	
Citrithrix	genus	2821817	
Fistulifera	genus	880756	Diatom
Limnobacter	genus	131079	
Roseococcus	genus	35812	
Dorea	genus	189330	
Melangyna	genus	414825	
Jatrophihabitans	genus	1434010	
Singulisphaera	genus	466152	
Halichaetoderma	genus	3132685	
Brachionus	genus	10194	
Bacteriovorax	genus	146784	
Kaistia	genus	166953	
Ulothrix	genus	43940	Green alga
Alatospora	genus	222512	
Methylobacillus	genus	404	
Apobryophyllum	genus	990235	
Podophrya	genus	1974331	
Nitrosomonas	genus	914	
Cultellothrix	genus	990232	
Candidatus Megaera	genus	1742636	
Juncus	genus	13578	Rushes
Rigifila	genus	1237874	
Luffa	genus	3669	
Crepis	genus	13464	
Nitrobacter	genus	911	
Allium	genus	4678	
Polynucleobacter	genus	44013	
Propionivibrio	genus	83766	
Sophora	genus	3896	
Rhynchobodo	genus	51333	
Leptopteris	genus	90698	
Vannella	genus	95228	Amoeba
Nitrosopumilus	genus	338191	
Sterkiella	genus	94288	
Spongomonas	genus	188972	

Brassica	genus	3705	
Halteria	genus	5973	
Costachorema	genus	697968	Caddisfly
Cellulosilyticum	genus	698776	
Planophila	genus	173493	Green alga
Lysinimonas	genus	1434018	
Desulfuromonas	genus	890	
Afipia	genus	1033	
Sericomyxa	genus	2923025	
Vaginicola	genus	168253	
Paraphysomonas	genus	36769	Golden-brown alga
Anaeroplasma	genus	2086	
Acidisoma	genus	512381	
Chilodonella	genus	151076	
Desulfosporosinus	genus	79206	
Ectopsocus	genus	239222	Psocopteran fly
Gaiella	genus	1154586	
Simulium	genus	7191	
Waitea	genus	63236	
Achlya	genus	4765	
Mesodinium	genus	283646	Ciliate
Catoptes	genus	1938013	
Mentha	genus	21819	Mint
Hypogastrura	genus	30003	Springtail
Gallionella	genus	96	
Ilex	genus	4295	Holly
Naegleria	genus	5761	Amoeba
Telmatobacter	genus	1078829	
Metopus	genus	5964	
Spaniocerca	genus	466813	Stonefly
Euglesa	genus	2783615	
Psychoda	genus	7201	Drainfly; mothfly
Dero	genus	66487	Worm
Pycnocentrodes	genus	177810	Stony cased caddisfly
Blautia	genus	572511	
Schlesneria	genus	656899	
Intestinibacter	genus	1505657	
Vexillifera	genus	218659	Amoeba
Cornus	genus	4281	Dogwoods
Anurida	genus	64692	Springtail
Schefflera	genus	46414	Seven finger; patatē
Mucispirillum	genus	248038	
Nippotipula	subgenus	560803	
Variibacter	genus	1649510	
Cotoneaster	genus	36607	
Megalothorax	genus	438499	Springtail
Quercus	genus	3511	Oaks
Aesculus	genus	43363	Buckeyes; horse chestnut
Edaphosphingomonas	genus	3423724	
Rhodopirellula	genus	265488	

Limnofila	genus	1938467	
Paenibacillus	genus	44249	
Barnesiella	genus	397864	
Porphyrio	genus	54483	Swamphens
Elstera	genus	1091044	
Protrudomyces	genus	1395793	
Gimesia	genus	1649453	
Paratrophis	genus	3054368	
Sulfurospirillum	genus	57665	
Cyphoderia	genus	178374	
Epalxella	genus	408071	
Melampsora	genus	5260	
Anaerobiospirillum	genus	13334	
Paulinella	genus	39716	
Propionispira	genus	84034	
Urocentrum	genus	122941	
Pterocomma	genus	133104	
Blastopirellula	genus	265487	
Actinomycetospora	genus	402649	
Deviata	genus	1513334	
Epistylis	genus	155142	
Brachycaudus	genus	224525	Aphid
Stigmatella	genus	40	
Cryptomonas	genus	3030	
Polygonum	genus	46786	
Telonema	genus	232264	
Myosotis	genus	192333	Forget-me-nots
Pseudobacteriovorax	genus	1769746	
Kaistella	genus	2782231	
Taxus	genus	25628	
Aeromicrobium	genus	2040	
Paranamyces	genus	1675849	
Treponema	genus	157	
Dexiostoma	genus	63335	
Sialis	genus	50607	
Rhizorhabdus	genus	1649486	
Geranium	genus	4028	Geraniums; cranesbills
Triticum	genus	4564	Wheat
Beraeoptera	genus	425956	Smooth-cased caddisfly
Pseudocyrtolophosis	genus	485359	
Deinococcus	genus	1298	
Nuncia	genus	1766106	
Fagus	genus	21024	Beech
Rickenella	genus	50989	
Sellaphora	genus	216740	Diatom
Parabacteroides	genus	375288	
Apatococcus	genus	904362	Green alga
Ichthydium	genus	1274491	
Methanobacterium	genus	2160	
Cicer	genus	3826	Legume

Chitinibacter	genus	230666	
Wenxinia	genus	653686	
Pseudoxanthomonas	genus	83618	
Psychromonas	genus	67572	
Urostomides	genus	2026177	
Malus	genus	3749	
Coprococcus	genus	33042	
Physella	genus	175859	Freshwater Snail
Simplicispira	genus	352450	
Paradermamoeba	genus	1072174	
Neosascochyta	genus	1770170	
Agenusetacus	genus	2837790	
Malaconothrus	genus	229876	
Mediterraneibacter	genus	2316020	
Juglans	genus	16718	Walnut trees
Variovorax	genus	34072	
Nevskia	genus	64001	
Holtermanniella	genus	983939	
Syntrophobacter	genus	29526	
Enchelyodon	genus	55195	
Cryptodiffugia	genus	1078833	
Curtobacterium	genus	2034	
Lamium	genus	53158	
Pseudoleptotrichia	genus	2755140	
Hillenburgia	genus	2923326	
Planotortrix	genus	65025	Blacklegged leafroller moth
Euura	genus	112295	Introduced sawfly
Magnolia	genus	3402	
Encyonema	genus	216746	Diatom
Aureimonas	genus	414371	
Arxiella	genus	1577851	
Cutibacterium	genus	1912216	
Trachactinolaimus	genus	2928372	
Khitsovia	genus	2983006	
Papiliotrema	genus	189450	
Lacibacterium	genus	1500420	
Protolitonotus	genus	1941446	
Ligilactobacillus	genus	2767887	
Corynebacterium	genus	1716	
Erinaceus	genus	9364	Hedgehogs
Corokia	genus	16908	Korokio; korokio
Tyzzarella	genus	1506577	
Mycena	genus	41247	
Sphaerographium	genus	243518	
Drepanepteryx	genus	560897	
Filosporella	genus	1398215	
Anaerotignum	genus	2039240	
Runella	genus	105	
Stellaria	genus	13273	Chickweed
Acaena	genus	137429	New Zealand burr; pipiripi

Sidymella	genus	635328	Crab spider; flower spiders; flower crab s
Altericroceibacterium	genus	2800679	
Brenneria	genus	71655	
Ameroseius	genus	704045	
Chlorocладиella	genus	2832248	
Macrostomum	genus	39217	
Sonchus	genus	50190	
Persicaria	genus	61508	Knotweeds; Smartweeds
Anurofeca	genus	88712	
Hyphomonas	genus	85	
Choriorhabditis	genus	96656	
Knoellia	genus	136099	
Catenomyces	genus	281912	
Sturnus	genus	9171	Starlings; tāringi
Callitriche	genus	13380	Water chickweed
Buchnera	genus	32199	Aphid P-endosymbionts
Entomophthora	genus	34484	
Saccamoeba	genus	136463	
Neoramia	genus	389049	Sheetweb spiders; pūngāwere; pūngāwe
Sphenomonas	genus	2704095	
Spirosphaera	genus	293626	
Fusicatenibacter	genus	1407607	
Endomicrobium	genus	1408194	
Nannocystis	genus	53	
Pseudowintera	genus	22293	
Sodalis	genus	84565	Tsetse S-endosymbionts
Lycoriella	genus	170626	
Chitinimonas	genus	240411	
Bicosoeca	genus	272143	Flagellate
Dokdonella	genus	323413	
Turneriella	genus	338321	
Fragaria	genus	3746	Strawberry
Prosthecobacter	genus	48463	
Itersonilia	genus	84741	
Rosculus	genus	373137	
Pleioplectron	genus	912341	
Vespula	genus	7451	
Aphelenchoides	genus	90723	Nematode worm
Candidatus Brocadia	genus	380240	
Telmatospirillum	genus	382513	
Thiothrix	genus	1030	
Anguilla	genus	7935	Eels
Rathayibacter	genus	33886	
Ferritrophicum	genus	370406	
Angustibacter	genus	908626	
Pedospumella	genus	1117029	
Piskurozyma	genus	1851566	
Vicia	genus	3904	
Lagenidium	genus	4802	
Taphrina	genus	5010	

Dimastigella	genus	35225	
Orychophragmus	genus	71233	
Nesameletus	genus	219543	Mayfly
Eocercomonas	genus	321420	
Metabakuella	genus	2057231	
Cucurbita	genus	3660	Marrows
Dysgonomonas	genus	156973	
Didymium	genus	5792	
Polymyxa	genus	41455	
Ripogonum	genus	59114	Ripogonum
Fusibacter	genus	76008	
Smithella	genus	182623	
Gastromermis	genus	211380	
Symbiochloris	genus	1853743	Green alga
Amphosoma	genus	2093416	
Lambertella	genus	38462	
Allantion	genus	188942	
Limnophyes	genus	190098	Non-biting midge
Lepadella	genus	231621	
Vaucheria	genus	2976	
Geum	genus	3761	
Carex	genus	13398	Sedges
Plantago	genus	26867	Plaintains; fleaworts
Myrsine	genus	59981	
Rhizophydium	genus	60186	
Elusimicrobium	genus	423604	
Anaerosporobacter	genus	653683	
Syntrophotalea	genus	2812025	
Hoplitophrya	genus	3297718	
Chlamydomonas	genus	3052	Green alga
Fraxinus	genus	38871	Ash trees
Tissierella	genus	41273	
Amaricoccus	genus	56999	
Chytriomycetes	genus	109882	
Brachyglottis	genus	174468	
Solirubrobacter	genus	207599	
Multicilia	genus	240568	
Dactylobiotus	genus	290170	
Eubacterium	genus	1730	
Tulasnella	genus	5240	
Calendula	genus	41495	
Merodon	genus	224226	
Taibaiella	genus	1434702	
Paludibaculum	genus	1649475	
Cothurnia	genus	1810340	
Lacogromia	genus	2010924	
Limosilactobacillus	genus	2742598	
Mallomonas	genus	2988	
Mucor	genus	4830	
Hymenoscyphus	genus	5182	

Tricharina	genus	43430
Peranema	genus	56465
Bauldia	genus	1145345
Leptospira	genus	171
Protomyces	genus	27331
Bracteacoccus	genus	50036 Green alga
Phormium	genus	51474 NZ Flax
Catenula	genus	66403
Echiniscus	genus	86848
Pyrobombus	subgenus	144703
Olinga	genus	177812 Hornycased caddisfly
Kribbella	genus	182639
Protaphorura	genus	187683 Springtail
Paracalliope	genus	359162 Amphipod crustacean
Peniophorella	genus	391237
Segetibacter	genus	460073
Microcyclospora	genus	766053
Sulfuricella	genus	935200
Granulicella	genus	940557
Ailanthus	genus	23809
Parachlamydia	genus	83551
Pisidium	genus	98305
Geopora	genus	137247
Pennantia	genus	159370
Dimorphodes	genus	202344
Sappinia	genus	343528
Elliptochloris	genus	381760 Green alga
Haplinis	genus	430928 South Pacific dwarf spiders; pūngāwere;
Anurophorus	genus	1387123 Springtail
Azospirillum	genus	191
Pachyella	genus	44111
Pandora	genus	76016
Acizzia	genus	121829 Psyllid
Chaos	genus	160821
Algoriphagus	genus	246875
Paludibacterium	genus	400060
Epitrimerus	genus	1227672
Lysobacter	genus	68
Phyllobacterium	genus	28100
Malassezia	genus	55193
Sainouron	genus	188970
Advenella	genus	290425
Phlyctis	genus	318740
Telmatocola	genus	1382832
Sphenoderia	genus	1427720
Desulfoprimum	genus	1654934
Cordyline	genus	39500
Cinara	genus	97051 Conifer aphid
Notocotylus	genus	116906
Wohlfahrtiimonas	genus	582472

Gastronauta	genus	2778217	
Chromobacterium	genus	535	
Colpoda	genus	5979	
Blastocystis	genus	12967	
Kondoa	genus	36054	
Dictyochloropsis	genus	40980	Green alga
Geotrichum	genus	43987	
Nakamurella	genus	53460	
Bothrioplana	genus	79786	
Oceanisphaera	genus	225143	
Luteolibacter	genus	518753	
Microdiaphanosoma	genus	909416	
Tahibacter	genus	1453544	
Calosporella	genus	1544485	
Pseudarcicella	genus	1664383	
Lactococcus	genus	1357	Lactic streptococci
Leptomyxa	genus	136455	
Trechispora	genus	156596	
Larkinella	genus	332157	
Avenella	genus	391960	
Rhodoluna	genus	529883	
Chloroidium	genus	1034479	Green alga
Pyxidicula	genus	1078851	
Niveispirillum	genus	1543704	
Pseudoanguillospora	genus	2499815	
Psychrobacter	genus	497	
Butyrivibrio	genus	830	
Vararia	genus	154750	
Nitriliruptor	genus	596499	
Candidatus Korobacter	genus	658061	
Acaulopage	genus	1172176	
Chlamydia	genus	810	
Caenoplana	genus	69518	
Cura	genus	69520	
Cladochytrium	genus	109935	
Phacodinium	genus	125640	
Achrophyllum	genus	129932	
Pseudodifflugia	genus	178377	
Mayorella	genus	242540	
Desulfatiferula	genus	396320	
Eurhopalus	genus	3044603	
Pichia	genus	4919	
Trimyema	genus	35112	Ciliate
Philodina	genus	44581	Rotifer
Resupinatus	genus	71913	
Distigma	genus	83913	
Sulfurimonas	genus	202746	
Acineta	genus	239360	
Dermamoeba	genus	242548	
Syntrophorhabdus	genus	513557	

Cosella	genus	1452672
Scytomonas	genus	1732441
Pyxicola	genus	2488815
Parasphingorhabdus	genus	2709685
Humidesulfovibrio	genus	2910983
Campylobacter	genus	194
Actinomyces	genus	1654
Methanospirillum	genus	2202
Methanosarcina	genus	2207
Chroomonas	genus	3028
Euonymus	genus	4306
Hartmannella	genus	5777 Amoeba
Hexamita	genus	13567
Trebouxia	genus	13786 Green alga
Geobacter	genus	28231
Sphaeroeca	genus	37101
Trepomonas	genus	44997
Salpingoeca	genus	86017
Mogibacterium	genus	86331
Mychonastes	genus	91354 Green alga
Catenibacterium	genus	135858
Sistotrema	genus	139131
Liposcelis	genus	160150
Badhamia	genus	227448
Candidatus Kuenenia	genus	380738
Zygiella	genus	388977 Orb-weaver spider
Cyberlindnera	genus	604195
Yamadazyma	genus	766765
Planctopirus	genus	1649480
Halofilum	genus	2045120 Green alga
Methanotherix	genus	2222
Sporobolomyces	genus	5429
Pseudendoclonium	genus	43938 Green alga
Petalomonas	genus	56451
Pleurochloris	genus	92125
Veigaia	genus	99236
Apiotrichum	genus	105983
Pteroxanium	genus	159973
Rotaria	genus	231623 Rotifer
Thecamoeba	genus	242544
Achnanthidium	genus	265567 Diatom
Rhodocytophaga	genus	455076
Nematocida	genus	586132
Copromyxa	genus	931553
Snodgrassella	genus	1193515
Rubinisphaera	genus	1649490
Angulamoeba	genus	1654977
Schoutedamoeba	genus	1897735
Rindifilum	genus	3693832
Comamonadaceae	family	80864

Pinaceae	family	3318	Pine family
Araliaceae	family	4050	Ginseng family
Flavobacteriaceae	family	49546	
Chitinophagaceae	family	563835	
Pythiaceae	family	4782	Water moulds
Oxytrichidae	family	57506	
Tetrahymenidae	family	291294	
Rubiaceae	family	24966	Madder family
Bacteroidaceae	family	815	
Cupressaceae	family	3367	Cypress family
Rosoideae	subfamily	171638	
Chironomidae	family	7149	Nonbiting midges
Tubificinae	subfamily	1780203	
Sterolibacteriaceae	family	2008793	
Polygonaceae	family	3615	Buckwheat family
Coxiellaceae	family	118968	
Juglandaceae	family	16714	Walnut family
Nitrobacteraceae	family	41294	
Cytophagaceae	family	89373	
Polygonoideae	subfamily	1110380	
Caulobacteraceae	family	76892	
Oxalobacteraceae	family	75682	
Vorticellidae	family	85904	
Legionellaceae	family	444	
Oleaceae	family	4144	Olive family
Pirellulaceae	family	2691357	
Crocinitomicaceae	family	1853230	
Philopotaminae	subfamily	177894	Caddisflies
Asteraceae	family	4210	Daisy family
Discinellaceae	family	2794838	
Simuliinae	subfamily	43813	
Primulaceae	family	4335	Primrose family
Sphingomonadaceae	family	41297	
Ulmaceae	family	3474	Elm family
Paracoccaceae	family	31989	
Geobacteraceae	family	213422	
Prolixibacteraceae	family	1471398	
Simuliidae	family	7190	Blackflies
Passeroidea	superfamily	175121	
Prevotellaceae	family	171552	
Chaetonotidae	family	41372	
Myrtaceae	family	3931	Myrtle family
Oscillospiraceae	family	216572	
Steroidobacteraceae	family	2689614	
Scrophulariaceae	family	4149	Figwort family
Hyphomicrobiaceae	family	45401	
Podocarpaceae	family	3362	
Amygdaloideae	subfamily	171637	
Enterobacteriaceae	family	543	
Amphileptidae	family	197895	

Malvaceae	family	3629	Mallow family
Cellvibrionaceae	family	1706371	
Nitrospiraceae	family	189779	
Rhodocyclaceae	family	75787	
Frontoniidae	family	340079	
Peronosporaceae	family	4777	
Acetobacteraceae	family	433	
Sapindaceae	family	23672	Soapberry family
Phyllobacteriaceae	family	69277	
Microbacteriaceae	family	85023	
Anserinae	subfamily	2068722	Swans and geese
Gomphonemataceae	family	97225	
Litonotidae	family	197908	Ciliates
Spirochaetaceae	family	137	
Gemmataceae	family	1914233	
Winteraceae	family	3417	
Sphingobacteriaceae	family	84566	
Solibacteraceae	family	332161	
Pooideae	subfamily	147368	
Cecidomyiidae	family	33406	Gall midges
Lewinellaceae	family	1937960	
Pseudomonadaceae	family	135621	
Rikenellaceae	family	171550	
Chromatiaceae	family	1046	Purple sulfur bacteria
Lachnospiraceae	family	186803	
Planctomycetaceae	family	126	
Fulvivirgaceae	family	2762286	
Columbidae	family	8930	Pigeons/doves
Apiaceae	family	4037	Carrot family
Reyranellaceae	family	2844375	
Naidinae	subfamily	1780200	Sludgeworms
Lumbriculidae	family	77569	
Anatidae	family	8830	Ducks/Geese/Swan
Peptostreptococcaceae	family	186804	
Garryaceae	family	4286	
Sphaeriidae	family	55711	
Didymellaceae	family	683158	Fungi
Stentoridae	family	219169	
Burkholderiaceae	family	119060	
Lysobacteraceae	family	32033	
Acidobacteriaceae	family	204434	
Caprifoliaceae	family	4200	Honeysuckle famly
Azonexaceae	family	2008795	
Aphididae	family	27482	Aphids
Chromulinaceae	family	98651	
Rubioideae	subfamily	169617	
Cyatheaceae	family	29635	
Bryobacteraceae	family	1962910	
Erythrobacteraceae	family	335929	
Bacteriovoraceae	family	263369	

Lamiaceae	family	4136	Mint family
Isosphaeraceae	family	1763524	
Saprosiraceae	family	89374	
Fringillidae	family	9133	
Desulfobulbaceae	family	213121	
Fagaceae	family	3503	Beech family
Campylobacteraceae	family	72294	
Rhizobiaceae	family	82115	
Holophagaceae	family	574976	
Salmonidae	family	8015	Salmonids
Turdidae	family	9183	Thrushes
Papilionoideae	subfamily	3814	
Celastraceae	family	4305	Bittersweet family
Vibrionaceae	family	641	
Cicadettinae	subfamily	868270	
Lumbricinae	subfamily	1046325	
Myrtoideae	subfamily	1699513	
Leishmaniinae	subfamily	1286322	
Dysgonomonadaceae	family	2005520	
Trypanosomatidae	family	5654	
Cercomonadidae	family	45108	Flagellate
Aphidinae	subfamily	133076	
Clostridiaceae	family	31979	
Cyclopidae	family	84315	
Sporomusaceae	family	1843490	
Canthocamptidae	family	298464	
Scytomonadidae	family	2570650	
Paludibacteraceae	family	2005523	
Elusimicrobiaceae	family	641876	
Sandaracinaceae	family	1055686	
Parastacidae	family	37850	
Vitaceae	family	3602	Grape family
Alcaligenaceae	family	506	
Apocynoideae	subfamily	167483	
Rickettsiaceae	family	775	
Devosiaceae	family	2831106	
Escalloniaceae	family	39020	
Anaerovoracaceae	family	543314	
Tannerellaceae	family	2005525	
Candonidae	family	288905	
Poaceae	family	4479	Grass family
Psychodidae	family	7197	Sandflies and mothflies
Asparagaceae	family	40552	Asparagus family
Naididae	family	2109251	Sludgeworms
Plumatellidae	family	34518	
Trichomonadidae	family	181550	
Weeksellaceae	family	2762318	
Lumbricidae	family	6392	
Neopilionidae	family	118604	
Chromobacteriaceae	family	1499392	

Barnesiellaceae	family	2005519	
Dugesidae	family	31262	
Tokophryidae	family	168137	
Thiobacillaceae	family	2008790	
Deinococcaceae	family	183710	
Azospirillaceae	family	2829815	
Trentepohliaceae	family	35445	Green alga
Enterococcaceae	family	81852	
Dixidae	family	41824	Dixid midges
Selenomonadaceae	family	1843491	
Micromonosporaceae	family	28056	
Chironominae	subfamily	54970	
Musaceae	family	4637	Banana family
Desulfobacteraceae	family	213119	
Endomicrobiaceae	family	1783343	
Tepidisphaeraceae	family	1771355	
Nevskiaceae	family	568386	
Gripopterygidae	family	143709	Stoneflies
Folliculinidae	family	219170	
Asterioideae	subfamily	102804	
Methylobacteriaceae	family	119045	
Flexibacteraceae	family	2762284	
Mycobacteriaceae	family	1762	
Rhodanobacteraceae	family	1775411	
Fragilariaceae	family	33856	
Succinivibrionaceae	family	83763	
Vannellidae	family	95227	Amoebozoa
Treponemataceae	family	2845253	
Plasmodiophoridae	family	37358	Plasmodiophorids
Leptospiraceae	family	170	
Nocardioideaceae	family	85015	
Leptotrichiaceae	family	1129771	
Pseudobdellovibrionaceae	family	213483	
Fusobacteriaceae	family	203492	
Eimeriidae	family	5799	Apicomplexan
Rhabditidae	family	6243	
Intrasporangiaceae	family	85021	
Rutelinae	subfamily	7062	Shining leaf chafers
Beijerinckiaceae	family	45404	
Hymenobacteraceae	family	1853232	
Peptococcaceae	family	186807	
Brassicaceae	family	3700	Mustard family
Methylocystaceae	family	31993	
Lactobacillaceae	family	33958	
Blastocatellaceae	family	1748772	
Liebstaadiidae	family	1427579	
Dryopteridoideae	subfamily	2014984	
Ichthyobodonidae	family	1027875	
Notonemouridae	family	143743	Stoneflies
Mynogleninae	subfamily	430927	

Archangiaceae	family	39
Plectidae	family	114910
Onagroideae	subfamily	1585427
Saprolegniaceae	family	4764
Thermodesulfovibrionaceae	family	2811504
Meliphagidae	family	9146 Honeyeaters
Hartmannellidae	family	5776
Anaeromyxobacteraceae	family	1524215
Passeridae	family	9158 Sparrows
Parachlamydiaceae	family	92713
Cecidomyiinae	subfamily	43793
Danthonioideae	subfamily	219384
Bulleribasidiaceae	family	1884640
Sciaridae	family	7184 Black fungus gnats
Cheilanthoideae	subfamily	2003546
Vaginicolidae	family	168252
Anatinae	subfamily	2068716
Nannocystaceae	family	224463
Macropathinae	subfamily	317211
Stylonychinae	subfamily	1001748
Oedogoniaceae	family	2682485
Tenthredinidae	family	27532 Common sawflies
Rhodospirillaceae	family	41295 Purple nonsulfur bacteria
Trueperaceae	family	332247
Moraceae	family	3487 Mulberry family
Pittosporaceae	family	23121
Betulaceae	family	3514 Birch family
Anystidae	family	92248 Whirligig mites
Aurantimonadaceae	family	255475
Rhynchomonadidae	family	2728145
Austroperlidae	family	143689 Stoneflies
Saxifragaceae	family	3792 Saxifrage family
Paenibacillaceae	family	186822
Eubacteriales Family XII. Incertae Sedis	family	543313
Leptophryidae	family	1920164
Acrochaetiaceae	family	31356
Tanypodinae	subfamily	43810
Moraxellaceae	family	468
Cyclidiidae	family	35098
Sciaroidea	superfamily	41830
Candidatus Brocadiaceae	family	1127830
Erwiniaceae	family	1903409
Entomophthoraceae	family	34481
Tipulidae	family	41042 Crane flies
Spirosomataceae	family	2896860
Bacillaceae	family	186817
Neisseriaceae	family	481
Salicaceae	family	3688 Willow family
Dactylosporaceae	family	2200755
Colepidae	family	6002

Microdochiaceae	family	1682405	
Blechnoideae	subfamily	1905735	
Bernardetiaceae	family	1937968	
Hyaloscyphaceae	family	47743	
Ilumatobacteraceae	family	2448023	
Streptomycetaceae	family	2062	
Onagraceae	family	3934	Evening-primrose family
Odoribacteraceae	family	1853231	
Diamesinae	subfamily	43807	
Trinematidae	family	178370	
Trebouxiaceae	family	2507902	
Myxococcaceae	family	31	
Typhloplanidae	family	27902	
Cervinae	subfamily	34878	Deer
Deferribacteraceae	family	191394	
Verrucomicrobiaceae	family	203557	
Pseudonocardiaceae	family	2070	
Tupiellaceae	family	2682567	
Campanulaceae	family	4381	Bellflower family
Aeolosomatidae	family	55815	
Erysipelotrichaceae	family	128827	
Spongiibacteraceae	family	1706375	
Poduroidea	superfamily	79706	
Synergistaceae	family	649777	
Phaeotremellaceae	family	1905112	
Vexilliferidae	family	180225	
Afifellaceae	family	2829802	
Taphrinaceae	family	5009	
Philodinidae	family	44580	
Nocardiaceae	family	85025	
Globomycetaceae	family	1395670	
Crocoideae	subfamily	2508080	
Thiotrichaceae	family	135617	
Monodopsidaceae	family	425072	
Klebsormidiaceae	family	3173	
Anaerolineaceae	family	292628	
Lobulomycetaceae	family	642599	
Chytriomycetaceae	family	1352827	Chytrid fungi
Sulfurimonadaceae	family	2771471	
Waddliaceae	family	92714	
Nectriaceae	family	110618	
Cynoglossoideae	subfamily	1874400	
Methanobacteriaceae	family	2159	
Mucoraceae	family	34489	
Morganellaceae	family	1903414	
Flosculariidae	family	104789	
Mrakiaceae	family	1851551	
Kaistiaceae	family	2831111	
Naviculaceae	family	67474	
Bourletiellidae	family	187607	

Hyphomonadaceae	family	69657	
Diptilomiopidae	family	1336387	
Breznakiellaceae	family	2951104	
Polyangiaceae	family	49	
Pasteurellaceae	family	712	
Pseudococcidae	family	30190	Mealybugs
Lipotrophidae	family	238089	
Scenedesmaceae	family	3086	
Araneidae	family	6913	Orb weavers
Aphelenchoididae	family	33823	
Isotomidae	family	36141	Smooth springtails
Glomeraceae	family	36751	
Saccharomycetaceae	family	4893	
Phytoseiidae	family	34636	
Oxytrichinae	subfamily	1001750	
Atopobiaceae	family	1643824	
Boraginaceae	family	21571	Borage family
Sminthuridae	family	39131	Globular springtails
Rhaphidophoridae	family	62768	Cave crickets
Crotonioidea	superfamily	66593	
Cichorioideae	subfamily	219120	
Oripodoidea	superfamily	229851	
Parvibaculaceae	family	2813035	
Erysiphaceae	family	34371	
Julidae	family	41449	
Trichiidae	family	208472	
Trichomeriaceae	family	1233474	
Methanomassiliococcaceae	family	1577788	
Cordieritidaceae	family	1971361	
Thalassospiraceae	family	2844866	
Protorhabditinae	subfamily	281682	
Didymiaceae	family	1115745	
Chitinibacteraceae	family	2897177	
Aminobacteriaceae	family	3029087	
Mycoplasmataceae	family	2092	
Caryophyllaceae	family	3568	Pink family
Selenastraceae	family	35466	
Ctenocladaceae	family	37386	
Nanhermanniidae	family	66594	
Helicobacteraceae	family	72293	
Flabellulidae	family	136457	
Phragmidiaceae	family	45214	
Hexamitinae	subfamily	68460	
Araneoidea	superfamily	74975	
Conoesucidae	family	177807	Caddisflies
Desulfovibrionaceae	family	194924	
Brachychthoniidae	family	1111450	
root	no rank	1	Unidentified
Polygoneae	tribe	1110385	
Bacteroidota	phylum	976	Bacteroides-Cytophaga-Flexibacter group

Betaproteobacteria	class	28216
Insecta	class	50557 Insects
Pseudomonadota	phylum	1224 Purple bacteria and relatives
Burkholderiales	order	80840
Arthropoda	phylum	6656 Arthropods
Gastropoda	class	6448 Gastropods
Gammaproteobacteria	class	1236
Tetrahymenina	suborder	37093 Ciliates
Alphaproteobacteria	class	28211
Fungi	kingdom	4751
Poeae	tribe	147387
Magnoliopsida	class	3398 Angiosperms
Eukaryota	domain	2759 Eucaryotes
Pentapetalae	clade	1437201
Pseudomonadati	kingdom	3379134
Hyphomicrobiales	order	356
Sphingomonadales	order	204457
unclassified Cladophora	no rank	2041600
Bacteria	domain	2 Eubacteria
Rosales	order	3744
Ciliophora	phylum	5878 Ciliates
Kinetoplastea	class	5653 Kinetoplastids
Spirotrichea	class	33829
Diptera	order	7147 Flies
Hymenostomatida	order	31277
Sessilida	order	1974272
unclassified Deleatidium	no rank	2617549 Mayflies
Haptorida	order	5989
Rhizophydiales	order	451442
Mesangiospermae	clade	1437183
Planctomycetia	class	203683
Mollusca	phylum	6447 Molluscs
Bacillariophyta	phylum	2836 Diatoms
Enterobacterales	order	91347
Trichoptera	order	30263 Caddisflies
Rhodocyclales	order	206389
Eubacteriales	order	186802
Podocopida	order	84318 Seed shrimps & mussel shrimps
Stichotrichia	subclass	194286
Agrostidinae	subtribe	640621
Planctomycetota	phylum	203682
Deltaproteobacteria	class	28221
Bacillota	phylum	1239 Low GC Gram+
Oomycota	phylum	4762
Legionellales	order	118969
Actinomycetes	class	1760 High G+C Gram-positive bacteria
Chrysophyceae	class	2825 Chrysomonads
Desulfuromonadales	order	69541
Acidobacteriota	phylum	57723
Actinomycetota	phylum	201174

Cellvibrionales	order	1706369
Spirochaetia	class	203692
unclassified Chytridiales	no rank	109868
Cytophagales	order	768507
Nitrosomonadales	order	32003
Gentianales	order	4055
Passeriformes	order	9126 Song birds
Apiineae	suborder	364270
Eurotatoria	class	2816136
Chromadorea	class	119089
Verrucomicrobiota	phylum	74201
Litostomatea	class	5988
Neobodonida	order	2704648
Oligoflexia	class	1553900
Rhodobacterales	order	204455
Helotiales	order	5178
Actinopteri	class	186623
Hypnales	order	13798
Aeromonadales	order	135624
Ephemeroptera	order	30073 Mayflies
Araneae	order	6893 Spiders
Oligohymenophorea	class	6020
Bacteroidales	order	171549
Rhodospirillales	order	204441
Lepidoptera	order	7088 Butterflies and moths
Cercozoa	phylum	136419
Basidiomycota	phylum	5204 Basidiomycetes
unclassified Apsectrotanypus	no rank	2630941
Sophoreae	tribe	163739
Leotiomycetes	class	147548
Bacteroidia	class	200643
unclassified Stichotrichia	no rank	550449
Epilobieae	tribe	1585433
Tubulinea	phylum	555369
Chlorophyta	phylum	3041 Green algae
Thecofilosea	class	1004930
Ploima	order	84394
Myxococcota	phylum	2818505
Ascomycota	phylum	4890 Ascomycetes
unclassified Chaetogaster	no rank	2664999
Hypericeae	tribe	999641
Plecoptera	order	50622 Stoneflies
Trombidiformes	order	83136
Bigyra	class	2683628
Hemiptera	order	7524
Sapindales	order	41937
Clitellata	class	42113
Dermocystida	order	198624
Alteromonadales	order	135622
Sorangiiineae	suborder	80812

apioid superclade	clade	241780
Philodinida	order	104783
Pirellulales	order	2691354
Myxococcales	order	29 Fruiting gliding bacteria
unclassified Rhynchobodo	no rank	2648342
Bdelloidea	subclass	44578
Chlamydiota	phylum	204428
Dothideomycetes	class	147541
Pleurostomatida	order	197906
PACMAD clade	clade	147370
Streptophyta	phylum	35493
Pleosporales	order	92860
Asterales	order	4209
Fusobacteriota	phylum	32066
Apicomplexa	phylum	5794 Apicomplexans
unclassified Diplophrys	no rank	2638637
Aves	class	8782 Birds
Lysobacterales	order	135614
Conoidasida	class	1280412
Clostridia	class	186801
Gemmatales	order	2691355
Viridiplantae	kingdom	33090 Green plants
Euglenozoa	phylum	33682
Harpacticoida	order	41212
Phyllopharyngea	class	37471
Tremellales	order	5234 Jelly fungi
Micrococcales	order	85006
Xylariales	order	37989
Peronosporomycetes	class	3418804
Flavobacteriales	order	200644
Coleoptera	order	7041 Beetles
leotiomyceta	clade	716546
Chlamydiia	class	204429
unclassified Rhizophydiales	no rank	467802
Alsineae	tribe	1141488
environmental samples	no rank	404734
Rosoideae incertae sedis	no rank	1176516
Annelida	phylum	6340 Annelid worms
Rhizobium/Agrobacterium group	no rank	227290
Thaumatomonadida	order	188944
Chaetothyriales	order	34395 Black yeasts
Agaricomycetes	class	155619
Forsythieae	tribe	426104
Arcellinida	order	318493
Eumycetozoa	class	142796
Ancyromonadida	order	2686027
Cornales	order	41934
Sphingobacteriia	class	117747
Saprolegniomycetes	class	3456997
Hordeinae	subtribe	1648017

Mycosphaerellales	order	2726947
Caryophyllales	order	3524
Mollicutes	class	31969
Chromulinales	order	96792
Myxozoa	class	35581
Centroplasthelida	class	193537 Centroheliids
Trematoda	class	6178 Flukes
Anaeroplasmatales	order	186332
Chytridiomycota	phylum	4761
Dothideaales	order	5014
Spirochaetales	order	136
Urostylida	order	486728
Verrucomicrobiia	class	203494
unclassified Zoothamnium	no rank	2248711
Bacillariophyceae	class	33849 Raphid; pennate diatoms
Phycisphaerae	class	666505
Apiales	order	4036
Arachnida	class	6854 Arachnids
Verrucomicrobiales	order	48461
unclassified Litonotus	no rank	2615157
Malpighiales	order	3646
Mammalia	class	40674 Mammals
Evosea	phylum	2605435
Glissomonadida	order	1238681
Hexanauplia	class	72037
Tricladida	order	6159 Planarian worm
unclassified Euglenozoa	no rank	1732397
Brachypylna	infraorder	229894
Neisseriales	order	206351
Sarcoptiformes	order	83137
Cytophagia	class	768503
Negativicutes	class	909932
Nitrospirota	phylum	40117
Crassiclitellata	order	2803884
Polyangiales	order	3031712
Ulvophyceae	class	33103
Poeae Chloroplast Group 2 (Poeae type)	clade	1652081
Chromatiales	order	135613
Poeae Chloroplast Group 1 (Aveneae typ)	clade	1652080
Rotifera	phylum	10190 Rotifers
Nassophorea	class	6015
Columbiformes	order	8929 Pigeons and others
unclassified Ichthyobodo	no rank	2641873
Blastocladiales	order	4805
Microbotryomycetes	class	162481
Endomyxa	phylum	2604748
Bacillales	order	1385
Euglenida	class	3035 Euglenids
Psocodea	order	1930602
unclassified Mycale	no rank	2622847

Colurieae	tribe	721790	
Triticinae	subtribe	1648030	
Trypanosomatida	order	2704949	
Caulobacterales	order	204458	
Dothideomycetidae	subclass	451867	
Isopoda	order	29979	Isopods
Ditrysia	clade	37567	
Heterolobosea	phylum	5752	
Lamiales	order	4143	
Pezizomycotina	subphylum	147538	
Ulotrichales	order	31306	
Oligochaeta	subclass	6381	
Vertebrata	clade	7742	Vertebrates
Phasmatodea	order	7020	Stick insects
Discosea	phylum	555280	
Veronica sect. Hebe	section	71606	
Coriobacteriia	class	84998	
Triticeae	tribe	147389	
Foraminifera	phylum	29178	Foraminifers
unclassified Bourletiellidae	no rank	1690839	
Campylobacterales	order	213849	
Helicina	clade	216366	
Parachlamydiales	order	1963360	
Flavobacteriia	class	117743	
Bacilli	class	91061	
Spirochaetota	phylum	203691	
Heterotrichida	order	5957	
Fragilariophycidae	subclass	33854	
Calypttratae	no rank	43742	
Genisteae	tribe	163729	
Chytridiomycetes	class	451435	
unclassified Stenocypria	no rank	2636071	
Mesostigmata	order	34634	
Ochrophyta	clade	2696291	
Ostracoda	class	6670	Mussel shrimps
Elusimicrobiota	phylum	74152	
Terriglobia	class	204432	
Trebouxiophyceae	class	75966	
Candidatus Brocadiales	order	1127829	
Cyanobacteriota	phylum	1117	Blue-green algae
Dinophyceae	class	2864	Dinoflagellates
Chlamydomonadales	order	3042	
Ustilaginales	order	5267	Smuts
Desulfovibrionales	order	213115	
Erysipelotrichia	class	526524	
Taphrinales	order	5008	
Exechiini	tribe	397115	
Colpodea	class	5977	
Chlorophyceae	class	3166	
Platyhelminthes	phylum	6157	Flatworm

Polyporales	order	5303	
Philasterida	order	198613	
Eugregarinorida	order	35087	
Petalomonadida	order	2570648	
Mygalomorphae	suborder	6894	Mygalomorphs
Pterocystida	order	2607628	
Polypodiopsida	class	241806	
Cryptophyceae	class	3027	Cryptomonads
Cystobasidiomycetes	class	432005	
environmental samples	no rank	673847	
Jungermanniopsida	class	186771	
Cladochytriales	order	642607	
Sanguisorbinae	subtribe	1183420	
Chitinophagia	class	1853228	
Lactobacillales	order	186826	
Thermodesulfobacteriota	phylum	200940	
Tremellomycetes	class	155616	
unclassified Aphanomyces	no rank	683823	
Bryopsida	class	3214	
Plagiorchiida	order	27871	
Thiotrichales	order	72273	
unclassified Hydora	no rank	2639756	
unclassified Limnophyes	no rank	2640025	
Myxococcia	class	32015	
Florideophyceae	class	2806	
Mycobacteriales	order	85007	
Pythiales	order	121069	
Dehalococcoidia	class	301297	
Oedogoniales	order	35490	
Saxifragales	order	41946	
Ichthyophonida	order	198625	
unclassified Tydeidae	no rank	709476	
Methanomicrobiales	order	2191	
Parabasalia	phylum	5719	Parabasalians
Hymenoptera	order	7399	Hymenopterans
Endomicrobiia	class	447830	
Erysipelotrichales	order	526525	
unclassified Aeolosoma	no rank	2620997	
Acetobacterales	order	3120395	
Planctomycetales	order	112	
Euamoebida	order	180229	
unclassified Formicidae	no rank	1036971	
Microsporidia	phylum	6029	Microsporidians
Cryptomycota	phylum	1031332	
Actinomycetales	order	2037	
Armatimonadota	phylum	67819	
unclassified Cecidomyiidae	no rank	329961	
Dikarya	subkingdom	451864	
Thermoleophilia	class	1497346	
Polypodiales	order	3268	

Rickettsieae	tribe	33988	
Cercomonadida	order	188941	Cercomonads
Tepidisphaerales	order	1771349	
unclassified Cryptomycota	no rank	1780454	
unclassified Trebouxia	no rank	285719	
Anemoneae	tribe	1463147	
unclassified Pteridomonas	no rank	2647775	
Saccharomycotina	subphylum	147537	True yeasts
Opisthokonta	clade	33154	
Ichthyosporea	class	127916	
unclassified Rhizaria	no rank	556523	
Elardia	class	2681632	
Sorogenida	order	164619	
Saprospirales	order	1936988	
unclassified Pristina	no rank	2639734	
Xanthophyceae	class	2833	Yellow-green algae
Astereae	tribe	102809	
Desulfobacterales	order	213118	
unclassified Segregatospumella	no rank	2622448	
unclassified Bryopsocus	no rank	2637848	
Bdellovibrionota	phylum	3018035	
Tetramitia incertae sedis	no rank	3467247	
Eubodonida	order	2704650	
saccharomyceta	clade	716545	
Vampyrellida	order	1367446	
unclassified Gephyramoeba	no rank	2640726	
Prorodontida	order	6001	
Apocrita	suborder	7400	Wasps; ants; and bees
Entomobryomorpha	order	730330	
unclassified Anystidae	no rank	1251154	
unclassified Chlamydomonas	no rank	2034146	
Agaricales	order	5338	Gill mushrooms
Eustigmatophyceae	class	5747	Eustigmatophytes
Eutardigrada	class	42242	
Opiliones	order	43271	Daddy longlegs
Cyclopoida	order	84308	
unclassified Exapion	no rank	2730759	
Cladophorales	order	3183	
Rhabdozoela	order	27901	
Filobasidiales	order	90886	
Hymenochaetales	order	139380	
Methanomicrobia	class	224756	
unclassified Vannella	no rank	325087	
Nevskiales	order	1775403	
Endopterygota	cohort	33392	
Sporidiobolales	order	231213	
Amoebozoa	clade	554915	
unclassified Triacanthella	no rank	2627152	
Isosphaerales	order	2691356	
Cyanophyceae	class	3028117	

Deinococcota	phylum	1297
Scyphozoa	class	6142 Jellyfishes
unclassified eukaryotes	no rank	42452
Suessiales	order	89954
Tissierellia	class	1737404
Termitoidae	no rank	1912919 Termites
unclassified Goniomonas	no rank	2645401
Methanobacteriati	kingdom	3366610
Entomophthorales	order	4857
Nemertea	phylum	6217 Bootlace worms
Malacostraca	class	6681
Naviculales	order	38748
Nitrososphaerota	phylum	651137
unclassified Trepomonas	no rank	2634612

Group	562405	562406	562408	562412	562414	562401	562407	562410
Fish	0	0	21689	18848	21262	50823	37889	13906
Plants	4795	17618	40249	30869	13065	13492	12147	4879
Plants	5279	9427	17786	16060	7907	16356	3643	3766
Birds	0	0	0	0	950	29284	27318	19573
Crustaceans	10053	21968	6287	3854	1233	1394	2015	802
Birds	0	499	20825	20436	1698	1639	1192	0
Fish	0	0	3946	7321	1401	9203	11225	9569
Worms	0	13	61	0	171	2282	16510	19609
Plants	17813	12938	344	1057	1604	715	1617	1862
Worms	0	0	0	0	6115	2297	10629	4679
Molluscs	0	0	0	0	1074	644	11026	10206
Plants	2306	2845	6119	5165	928	2212	1810	1021
Plants	232	1173	7363	5795	988	1309	1180	331
Mammals	4821	6419	485	509	654	863	3163	1224
Insects	0	0	1256	481	302	14805	403	119
Plants	2411	3162	4824	4904	776	352	40	167
Birds	2636	2073	3270	2173	0	3092	2646	643
Plants	0	0	0	0	2355	11374	1629	736
Insects	0	0	0	0	2020	623	5697	3482
Insects	0	0	3237	4508	1120	352	279	104
Worms	1067	644	259	384	937	1088	2459	2374
Plants	44	50	0	18	2150	1343	3064	1907
Insects	0	0	0	0	1316	318	2818	3207
Worms	130	63	73	693	1725	803	575	3244
Plants	340	950	2163	2439	287	115	622	312
Mammals	2545	326	403	0	239	2344	1056	119
Worms	0	113	0	35	1599	0	942	3688
Worms	0	0	0	0	113	192	270	5459
Insects	0	0	489	401	1608	743	848	834
Worms	0	0	37	11	708	146	962	2688
Molluscs	0	0	0	0	0	0	3256	675
Worms	0	0	0	0	970	2106	229	565
Cnidarians	0	0	0	0	761	1620	1189	286
Fish	0	0	0	0	0	0	0	3737
Worms	283	378	343	285	962	487	50	859
Plants	0	0	0	0	592	406	1611	855
Red algae	0	0	39	65	933	487	942	631
Flatworms	1081	16	64	26	639	203	401	519
Plants	95	77	1035	542	366	113	522	99
Plants	491	991	505	345	87	19	156	0
Insects	615	593	627	559	33	10	26	15
Plants	0	0	0	0	1562	725	52	0
Red algae	314	156	368	656	271	243	144	180
Mammals	892	658	29	398	243	23	0	0
Birds	645	870	0	0	0	325	0	269
Fish	0	0	0	0	0	0	0	2066
Insects	0	0	0	0	885	239	403	450
Plants	0	0	0	0	1327	467	0	61
Plants	319	1214	318	0	0	0	0	0

Plants	0	342	370	873	105	42	108	0
Worms	0	0	0	20	217	511	62	1018
Mammals	1781	0	0	0	0	0	0	0
Plants	26	0	0	0	0	0	1752	0
Insects	0	0	0	0	395	191	600	535
Insects	0	0	0	0	0	75	667	833
Worms	0	0	40	9	260	217	199	669
Plants	137	33	0	0	137	1009	0	48
Fish	0	0	0	0	0	0	971	198
Plants	0	0	0	0	96	577	367	111
Plants	75	8	0	0	462	85	93	417
Birds	0	0	0	0	0	1078	0	0
Insects	0	0	969	104	0	0	0	0
Worms	0	0	0	0	0	94	547	392
Insects	217	413	111	43	154	20	46	16
Spiders	0	0	0	1006	0	0	0	0
Springtails	562	182	68	95	0	0	30	54
Birds	0	0	950	0	0	0	0	0
Birds	0	0	0	0	0	0	749	167
Worms	0	0	0	0	28	0	327	547
Plants	0	0	0	0	0	0	503	386
Insects	0	0	0	0	91	361	283	139
Fish	0	0	721	134	0	0	0	0
Worms	264	55	0	132	76	56	121	140
Insects	0	15	167	316	158	50	62	67
Insects	0	0	0	0	433	119	35	235
Molluscs	0	0	0	37	42	254	243	218
Amoebae	10	5	0	11	50	35	315	339
Birds	0	0	654	0	0	0	0	77
Plants	0	0	0	0	547	107	30	45
Birds	0	0	0	0	0	666	0	59
Springtails	289	118	21	171	63	6	0	5
Worms	0	0	0	0	662	0	5	0
Mammals	0	0	0	0	0	204	454	0
Plants	0	0	0	0	634	0	0	0
Plants	0	0	0	0	0	71	395	160
Fish	0	0	0	0	0	0	348	264
Crustaceans	0	0	0	0	0	0	210	383
Insects	0	0	0	0	295	132	136	0
Plants	0	0	0	0	95	0	466	0
Insects	0	0	258	294	0	0	0	0
Mammals	393	149	0	0	0	0	0	0
Mammals	0	0	0	0	0	18	434	89
Plants	0	0	0	0	0	0	267	225
Plants	81	67	38	0	0	0	296	0
Plants	0	0	0	69	124	89	141	54
Insects	0	0	0	0	269	0	0	196
Insects	0	0	0	0	312	38	107	0
Insects	9	0	0	0	249	179	14	0
Insects	0	0	0	0	427	0	0	0

Plants	0	0	0	0	0	0	200	226
Plants	0	0	0	0	53	0	0	361
Mammals	0	407	0	0	0	0	0	0
Worms	0	0	0	0	0	0	406	0
Plants	0	45	275	0	0	0	54	0
Cnidarians	0	0	0	0	66	87	148	62
Plants	0	0	0	0	202	0	155	0
Insects	94	215	37	0	0	0	10	0
Plants	0	0	0	0	123	82	0	112
Birds	0	0	0	0	0	43	0	249
Worms	0	14	0	0	25	0	171	82
Plants	0	0	0	0	139	0	135	0
Plants	9	0	0	0	107	101	23	34
Insects	40	34	57	87	22	14	0	11
Insects	39	7	27	23	79	16	50	23
Birds	0	0	0	0	0	256	0	0
Plants	0	0	0	0	0	251	0	0
Other	0	0	118	115	0	0	0	0
Heterokont a	114	26	22	0	0	39	18	10
Insects	99	47	38	7	38	0	0	0
Plants	33	62	55	78	0	0	0	0
Insects	0	0	0	0	0	12	167	46
Worms	0	0	0	0	0	0	207	0
Insects	0	0	48	11	56	24	40	12
Insects	30	53	50	40	0	5	7	5
Insects	0	0	53	131	0	0	0	0
Insects	0	0	0	0	93	0	90	0
Birds	0	182	0	0	0	0	0	0
Insects	0	0	0	180	0	0	0	0
Worms	0	0	114	0	0	49	0	0
Worms	0	0	74	0	0	0	5	83
Plants	0	0	0	0	98	0	39	24
Insects	0	0	161	0	0	0	0	0
Worms	0	0	0	0	0	0	102	54
Insects	0	59	0	96	0	0	0	0
Springtails	100	0	0	0	0	0	39	9
Worms	0	0	0	0	0	0	136	0
Plants	0	0	0	0	0	0	135	0
Plants	25	13	0	0	23	31	0	36
Insects	100	0	0	0	0	0	0	24
Insects	0	0	0	38	38	0	43	0
Plants	0	0	0	0	40	76	0	0
Oomycetes	45	0	0	0	0	19	13	37
Plants	6	0	13	91	0	0	0	0
Insects	0	110	0	0	0	0	0	0
Worms	0	29	0	0	56	17	7	0
Plants	0	0	0	0	107	0	0	0
Plants	0	0	0	0	0	0	106	0
Plants	0	0	0	0	0	0	106	0
Plants	0	0	0	0	81	23	0	0

Insects	104	0	0	0	0	0	0	0
Worms	0	0	0	102	0	0	0	0
Crustaceans	0	0	0	0	0	22	61	18
Plants	0	0	0	0	0	0	97	0
Insects	97	0	0	0	0	0	0	0
Plants	0	0	0	0	38	11	0	46
Insects	0	0	0	0	93	0	0	0
Plants	0	0	0	93	0	0	0	0
Insects	0	0	0	93	0	0	0	0
Insects	24	41	28	0	0	0	0	0
Insects	0	0	0	0	25	0	67	0
Molluscs	84	6	0	0	0	0	0	0
Plants	0	88	0	0	0	0	0	0
Other	0	88	0	0	0	0	0	0
Plants	0	0	0	0	0	85	0	0
Plants	0	14	0	0	70	0	0	0
Insects	0	0	0	0	0	0	0	83
Insects	0	0	81	0	0	0	0	0
Insects	0	0	0	0	52	19	10	0
Plants	0	0	0	0	0	0	0	80
Springtails	0	13	22	38	0	6	0	0
Insects	0	0	0	0	0	37	23	18
Plants	0	25	0	0	53	0	0	0
Plants	0	8	0	0	0	0	22	47
Insects	0	0	19	54	0	0	0	0
Birds	0	0	0	0	58	13	0	0
Insects	0	61	10	0	0	0	0	0
Plants	0	0	0	0	71	0	0	0
Oomycetes	5	7	0	10	0	0	13	35
Worms	0	0	0	0	5	37	0	27
Plants	0	0	0	0	0	0	0	68
Plants	0	0	0	0	68	0	0	0
Plants	0	0	0	27	0	0	41	0
Mammals	0	0	0	0	0	45	6	14
Insects	0	0	0	65	0	0	0	0
Plants	0	0	0	0	0	64	0	0
Insects	0	0	0	0	63	0	0	0
Insects	0	0	0	63	0	0	0	0
Plants	0	0	0	0	0	0	23	39
Plants	0	0	60	0	0	0	0	0
Plants	0	0	0	0	31	27	0	0
Plants	0	0	0	0	46	12	0	0
Insects	57	0	0	0	0	0	0	0
Insects	0	0	0	0	0	0	0	57
Insects	0	0	9	9	31	5	0	0
Plants	0	0	0	0	0	0	50	0
Insects	0	0	0	0	0	50	0	0
Insects	0	0	0	0	0	17	33	0
Spiders	0	49	0	0	0	0	0	0
Other	0	0	5	44	0	0	0	0

Mammals	16	31	0	0	0	0	0	0
Plants	0	0	0	0	46	0	0	0
Springtails	0	0	23	0	0	7	16	0
Insects	0	0	0	0	0	45	0	0
Plants	0	0	0	0	0	0	0	44
Molluscs	0	0	0	0	5	0	6	32
Plants	0	0	0	0	39	0	0	0
Other	0	0	0	0	28	0	0	10
Plants	0	0	0	0	0	0	0	37
Plants	0	0	0	36	0	0	0	0
Worms	0	0	11	11	0	0	14	0
Worms	0	0	0	0	35	0	0	0
Red algae	0	0	0	0	0	5	30	0
Plants	0	34	0	0	0	0	0	0
Insects	0	0	0	0	0	0	18	16
Insects	0	23	0	0	11	0	0	0
Plants	0	0	33	0	0	0	0	0
Worms	0	0	0	0	0	0	19	14
Worms	0	0	0	0	0	0	0	32
Plants	0	0	0	0	0	31	0	0
Plants	0	0	0	0	23	6	0	0
Insects	0	0	0	0	18	0	0	11
Diatoms	0	0	0	0	0	0	22	7
Plants	0	0	0	0	0	0	0	28
Plants	0	0	0	0	0	0	28	0
Insects	0	0	0	0	9	19	0	0
Plants	0	0	0	0	0	0	0	28
Worms	0	0	0	0	0	0	0	28
Plants	0	0	0	0	0	0	27	0
Insects	0	0	0	25	0	0	0	0
Plants	0	0	0	0	0	0	0	25
Plants	0	0	25	0	0	0	0	0
Insects	0	19	0	0	0	0	6	0
Heterokont a	0	0	6	18	0	0	0	0
Insects	0	0	0	18	5	0	0	0
Insects	0	0	23	0	0	0	0	0
Worms	0	8	0	15	0	0	0	0
Insects	0	0	0	0	0	0	22	0
Insects	0	0	15	7	0	0	0	0
Oomycetes	0	12	0	10	0	0	0	0
Plants	0	0	0	20	0	0	0	0
Molluscs	0	0	0	0	0	20	0	0
Worms	0	0	0	0	0	0	19	0
Springtails	0	0	0	0	0	0	18	0
Springtails	0	0	0	0	18	0	0	0
Spiders	0	18	0	0	0	0	0	0
Plants	0	0	0	0	0	17	0	0
Molluscs	0	5	0	0	12	0	0	0
Insects	0	0	0	0	11	0	6	0
Rotifers	0	0	0	0	0	0	16	0

Diatoms	0	0	0	0	0	7	9	0
Diatoms	0	16	0	0	0	0	0	0
Oomycetes	0	0	16	0	0	0	0	0
Plants	0	0	0	0	0	0	0	15
Insects	0	0	0	0	14	0	0	0
Insects	0	0	0	14	0	0	0	0
Insects	0	0	6	7	0	0	0	0
Insects	0	0	0	0	0	0	0	13
Insects	12	0	0	0	0	0	0	0
Diatoms	0	12	0	0	0	0	0	0
Insects	0	12	0	0	0	0	0	0
Plants	0	0	0	11	0	0	0	0
Insects	0	0	11	0	0	0	0	0
Spiders	0	0	0	0	11	0	0	0
Plants	0	0	0	0	10	0	0	0
Insects	0	0	0	0	0	0	0	10
Birds	0	0	0	0	0	9	0	0
Plants	0	0	0	0	9	0	0	0
Diatoms	9	0	0	0	0	0	0	0
Plants	0	8	0	0	0	0	0	0
Plants	0	8	0	0	0	0	0	0
Plants	0	0	0	0	0	8	0	0
Insects	0	0	0	0	0	0	8	0
Insects	0	0	0	0	0	0	0	8
Insects	0	0	0	0	7	0	0	0
Rotifers	0	0	0	0	0	0	7	0
Spiders	0	0	0	7	0	0	0	0
Flatworms	0	0	0	0	0	7	0	0
Plants	0	0	0	0	0	0	6	0
Insects	6	0	0	0	0	0	0	0
Insects	0	0	0	0	0	0	0	6
Insects	6	0	0	0	0	0	0	0
Insects	0	0	0	0	0	0	0	6
Insects	0	0	5	0	0	0	0	0
Spiders	0	0	0	0	0	0	5	0
Insects	0	0	0	5	0	0	0	0
Spiders	0	0	0	0	0	0	5	0
Mites and tic	0	0	0	0	0	0	0	5
Insects	0	0	5	0	0	0	0	0
Birds	0	0	0	0	23026	48292	33840	16984
Bacteria	8205	16770	14087	14542	10243	10222	5278	9298
Molluscs	439	399	3774	3422	4232	46876	8709	7521
Plants	5364	12897	24145	23822	1749	2939	1328	900
Plants	989	2645	1012	1504	8867	6077	3557	47625
Ciliates	78	105	0	0	25252	14580	14807	9795
Plants	1015	2825	11289	10073	6884	6388	7043	2291
Plants	9831	10125	10461	10103	1454	717	1622	1373
Plants	468	859	3236	4140	5177	4471	10809	5861
Plants	759	1633	856	1084	11119	7321	6169	1740
Plants	44	183	134	79	6023	5663	11183	3887

Worms	0	0	24	214	171	272	13954	12365
Plants	3787	5148	5298	6254	616	1783	1586	666
Worms	8	0	29	2008	4968	15553	764	873
Ciliates	2627	2815	103	40	5225	3728	4203	3787
Bacteria	2500	3846	3349	4197	2605	1481	1202	1535
Birds	314	4422	1284	3645	2546	3776	1879	1661
Other	4975	6373	26	729	440	317	100	784
Plants	22	14	0	0	1305	8051	1076	509
Cnidarians	5	0	14	0	165	162	1563	6643
Plants	311	328	585	1000	253	287	2434	3075
Ciliates	0	0	0	0	2957	3824	609	593
Bacteria	846	1100	975	1179	1097	820	701	736
Ciliates	674	842	720	1584	1645	889	644	399
Plants	25	29	118	73	2685	1821	845	1011
Plants	2699	2639	45	394	144	86	119	338
Birds	0	0	6044	0	0	0	265	0
Diatoms	0	0	168	165	830	3322	441	1049
Worms	110	0	81	0	130	127	1313	4044
Bacteria	79	247	200	247	610	1031	1693	1665
Insects	0	0	107	0	1852	387	1696	1574
Fish	0	0	331	859	1129	318	1589	1214
Diatoms	0	0	0	0	389	1468	1143	2179
Plants	0	0	2331	2005	268	26	172	131
Bacteria	569	799	372	363	645	792	388	451
Insects	0	0	0	0	515	67	2163	1602
Plants	0	0	0	0	799	513	2013	737
Bacteria	0	15	0	0	943	418	751	1709
Bacteria	306	651	588	597	481	465	315	432
Diatoms	0	0	11	39	952	864	856	1038
Bacteria	897	407	465	860	382	142	418	188
Bacteria	530	772	324	246	512	787	164	325
Insects	0	0	2423	618	344	60	26	21
Plants	561	934	521	887	148	137	0	125
Plants	0	0	0	0	59	223	2832	146
Plants	0	0	0	0	372	394	1514	977
Crustaceans	1476	1161	354	119	11	62	0	5
Plants	11	10	0	0	525	1125	1083	267
Bacteria	54	159	56	90	452	775	677	689
Bacteria	520	436	216	171	314	797	83	327
Bacteria	420	379	428	305	338	245	343	387
Bacteria	247	449	518	647	362	242	135	235
Other	414	601	617	506	163	133	41	130
Crustaceans	5	2577	0	0	0	0	0	0
Bacteria	447	316	199	215	307	804	99	175
Worms	92	25	33	99	513	148	677	944
Bacteria	46	96	368	276	682	304	469	270
Bacteria	182	298	142	178	539	406	341	425
Flatworms	1179	0	391	9	489	0	127	211
Plants	49	36	108	832	497	223	354	306
Insects	37	186	221	140	745	135	556	303

Bacteria	0	0	0	0	738	594	219	771
Green algae	0	0	0	0	0	0	0	2208
Ciliates	284	90	176	859	466	91	50	144
Plants	0	0	14	0	647	745	526	204
Plants	0	0	793	248	113	344	447	147
Red algae	239	136	606	363	321	332	31	54
Plants	0	0	265	0	225	0	0	1566
Bacteria	223	222	304	456	427	95	235	85
Bacteria	69	172	238	237	260	228	313	452
Bacteria	220	225	178	339	273	305	154	210
Insects	16	812	305	716	0	6	0	0
Plants	56	180	0	83	409	210	800	0
Plants	31	189	171	126	119	59	455	543
Bacteria	209	248	285	334	109	237	43	226
Ciliates	0	0	0	0	695	330	135	513
Ciliates	939	82	203	7	11	70	92	257
Plants	0	62	0	0	103	0	426	1060
Bacteria	30	26	40	0	655	358	249	282
Bacteria	105	139	356	302	161	241	132	149
Fish	0	0	0	0	0	0	1263	320
Bacteria	115	128	37	0	289	237	434	335
Plants	24	0	83	213	715	105	383	0
Plants	0	0	0	0	0	280	523	716
Bacteria	118	127	83	86	404	361	157	175
Plants	36	0	0	14	212	191	111	933
Plants	0	0	0	48	450	139	202	658
Plants	0	0	0	0	634	0	365	431
Plants	27	34	0	0	516	109	542	182
Bacteria	229	215	214	224	224	59	87	77
Plants	146	163	0	0	455	322	200	36
Bacteria	187	92	107	58	125	348	130	267
Ciliates	527	57	461	116	107	40	0	0
Bacteria	117	170	267	325	181	100	64	68
Fungi	73	72	410	560	66	39	43	27
Bacteria	265	214	62	27	177	317	69	148
Ciliates	0	0	0	0	0	35	730	503
Plants	0	0	838	0	51	36	287	42
Bacteria	144	190	312	251	132	85	44	85
Plants	0	59	0	0	0	185	347	638
Bacteria	266	154	179	162	293	0	106	53
Bacteria	19	0	0	0	180	83	74	827
Insects	0	69	0	0	0	0	303	758
Plants	0	0	0	0	203	503	270	141
Heterokont a	0	0	144	0	227	322	168	244
Bacteria	67	86	109	91	133	146	154	305
Fungi	213	231	400	171	32	23	0	0
Plants	0	22	0	0	0	21	943	52
Plants	38	82	0	100	0	81	705	0
Plants	0	0	0	0	91	64	388	454
Ciliates	61	79	406	360	90	0	0	0

Bacteria	223	213	96	146	110	46	124	37
Bacteria	168	89	136	85	50	334	15	110
Bacteria	64	53	65	0	436	132	170	64
Fungi	177	115	326	312	16	16	0	12
Oomycetes	57	66	191	246	148	85	62	100
Bacteria	58	124	193	304	111	76	54	33
Plants	17	50	7	276	0	158	386	49
Bacteria	117	158	76	81	214	141	48	89
Bacteria	304	232	115	127	64	56	16	0
Bacteria	48	130	233	269	63	51	13	105
Plants	15	30	0	0	14	92	620	139
Plants	0	0	0	0	180	725	0	0
Ciliates	12	21	29	471	197	40	9	116
Heterokont a	132	138	183	177	109	86	18	51
Bacteria	35	87	95	138	101	231	57	132
Diatoms	0	0	0	0	0	14	254	602
Bacteria	230	96	61	162	137	61	88	31
Birds	0	0	0	0	0	417	306	136
Bacteria	83	47	57	54	190	134	153	133
Bacteria	43	48	35	19	185	241	84	171
Birds	0	231	0	0	0	0	524	58
Bacteria	0	0	0	0	327	115	115	248
Bacteria	57	44	14	32	69	333	60	180
Bacteria	78	133	84	56	113	88	122	113
Bacteria	34	32	59	50	281	102	157	66
Other	195	134	125	132	76	37	23	41
Plants	0	0	0	0	0	0	323	438
Bacteria	65	120	30	48	96	163	63	160
Ciliates	194	142	76	209	53	43	19	0
Oomycetes	82	142	71	220	110	58	0	49
Bacteria	123	75	52	96	49	188	62	83
Crustaceans	0	0	48	38	0	44	211	387
Fungi	0	0	102	32	373	87	42	87
Ciliates	0	0	0	34	104	153	357	60
Plants	51	0	264	0	199	0	0	192
Plants	0	80	210	96	0	81	226	0
Plants	0	0	0	0	561	127	0	0
Bacteria	71	32	69	137	227	62	0	64
Plants	424	223	0	0	0	0	0	0
Ciliates	80	53	178	129	63	60	15	59
Ciliates	92	0	106	118	165	93	38	25
Bacteria	81	98	83	120	89	54	38	69
Bacteria	88	72	89	0	82	138	32	117
Insects	0	0	238	339	0	0	29	0
Bacteria	0	0	21	24	186	100	109	154
Worms	0	0	0	0	0	75	513	0
Plants	0	0	64	109	187	6	71	145
Bacteria	151	50	117	125	56	15	22	34
Other	76	78	168	128	55	22	0	35
Ciliates	238	0	0	282	0	37	0	0

Bacteria	35	38	173	153	64	56	30	0
Bacteria	0	0	24	0	186	78	64	189
Mammals	0	0	540	0	0	0	0	0
Bacteria	119	87	108	114	39	25	40	0
Bacteria	22	55	37	19	75	78	97	143
Ciliates	130	0	26	231	0	0	69	70
Bacteria	8	18	12	36	202	103	115	26
Plants	0	27	0	0	130	355	0	0
Mammals	0	0	0	497	0	0	0	0
Bacteria	0	0	107	76	95	78	56	75
Bacteria	48	166	87	82	81	0	22	0
Bacteria	0	0	90	133	157	55	32	0
Bacteria	145	83	122	70	34	0	0	13
Bacteria	26	53	62	74	42	71	59	77
Bacteria	88	51	80	69	55	73	10	26
Plants	0	0	0	0	0	0	380	72
Bacteria	37	56	141	47	53	40	35	39
Worms	0	0	0	0	447	0	0	0
Plants	0	0	0	0	231	63	112	38
Bacteria	90	21	27	128	29	63	22	61
Bacteria	54	42	73	92	67	24	25	61
Bacteria	67	67	84	101	63	28	15	11
Bacteria	83	0	137	215	0	0	0	0
Red algae	250	37	53	85	10	0	0	0
Plants	0	0	0	0	0	35	276	122
Insects	0	36	159	156	53	12	0	0
Worms	49	167	84	114	0	0	0	0
Crustaceans	8	203	60	5	62	0	35	39
Heterokont a	46	46	90	79	105	31	0	15
Crustaceans	132	95	51	64	14	20	0	16
Bacteria	28	38	0	40	159	64	37	25
Oomycetes	61	66	26	5	168	60	0	0
Ciliates	114	154	56	0	20	20	0	18
Bacteria	25	76	60	46	41	32	33	68
Plants	57	262	0	0	52	9	0	0
Other	85	87	0	115	52	29	0	0
Insects	0	0	0	0	366	0	0	0
Plants	41	153	0	56	0	0	36	76
Ciliates	30	98	5	45	171	11	0	0
Bacteria	63	0	53	66	72	45	0	60
Plants	60	15	146	136	0	0	0	0
Insects	0	0	0	0	0	352	0	0
Bacteria	18	10	16	41	75	76	69	45
Bacteria	73	94	46	45	0	91	0	0
Ciliates	47	19	0	234	45	0	0	0
Oomycetes	129	81	84	37	0	0	0	0
Plants	0	0	0	0	0	0	326	0
Cryptomonac	8	13	37	48	52	67	29	68
Bacteria	69	61	88	72	16	16	0	0
Bacteria	60	66	23	0	53	46	52	18

Bacteria	0	0	0	0	143	48	43	80
Bacteria	13	29	0	0	69	72	12	117
Fungi	0	44	141	106	0	11	0	7
Plants	0	0	0	0	32	84	103	89
Other	126	8	24	137	5	0	0	0
Bacteria	113	43	26	83	17	16	0	0
Bacteria	120	38	17	31	11	9	0	71
Amoebae	45	0	118	34	20	18	19	43
Bacteria	26	37	22	41	61	52	31	25
Bacteria	45	12	55	0	23	47	29	83
Bacteria	91	50	29	35	38	11	24	11
Plants	0	0	0	0	136	42	104	0
Plants	0	17	0	0	0	8	0	253
Bacteria	58	80	63	77	0	0	0	0
Insects	0	30	178	50	0	0	0	20
Ciliates	0	0	104	0	36	63	22	50
Heterokont a	56	41	54	35	20	58	0	11
Bacteria	0	13	9	24	90	64	44	30
Bacteria	51	24	0	0	60	45	36	57
Bacteria	106	80	0	0	61	25	0	0
Other	51	56	62	94	0	8	0	0
Bacteria	0	0	24	32	56	29	49	76
Plants	0	0	0	187	0	77	0	0
Bacteria	24	12	12	18	29	56	22	89
Bacteria	28	27	19	17	29	45	26	69
Plants	12	0	0	0	0	0	0	245
Bacteria	35	56	38	28	28	47	0	23
Insects	89	128	18	0	0	0	16	0
Bacteria	13	0	0	0	110	36	67	20
Mosses	0	246	0	0	0	0	0	0
Bacteria	158	64	0	12	0	0	0	11
Bacteria	0	6	9	0	205	23	0	0
Plants	0	0	0	0	0	14	226	0
Bacteria	100	33	0	21	0	36	18	32
Fungi	60	31	64	61	10	6	7	0
Bacteria	89	13	0	26	110	0	0	0
Bacteria	0	17	20	35	43	43	34	46
Bacteria	61	47	56	54	20	0	0	0
Bacteria	64	34	21	28	49	18	12	10
Oomycetes	0	19	52	0	28	6	94	35
Plants	0	0	233	0	0	0	0	0
Bacteria	93	49	0	32	36	23	0	0
Ciliates	201	0	14	0	0	18	0	0
Insects	38	31	62	35	0	16	34	14
Other	78	63	50	29	0	10	0	0
Bryozoans	0	0	0	0	0	229	0	0
Bacteria	47	29	22	0	21	63	17	30
Plants	62	45	0	0	0	0	121	0
Amoebae	56	29	40	31	17	32	9	10
Plants	0	0	0	0	0	223	0	0

Plants	44	39	53	0	44	22	0	21
Bacteria	81	0	0	60	30	0	51	0
Bacteria	0	0	0	54	58	42	0	66
Ciliates	212	0	0	0	8	0	0	0
Rotifers	0	0	154	0	0	66	0	0
Bacteria	102	35	37	46	0	0	0	0
Other	36	54	54	46	0	12	5	9
Bacteria	50	0	0	0	0	116	0	47
Bacteria	0	9	82	50	33	6	17	14
Bacteria	53	47	30	0	44	0	37	0
Bacteria	71	42	24	32	31	10	0	0
Molluscs	23	35	106	31	0	7	7	0
Bacteria	25	43	33	34	18	32	0	24
Plants	0	0	0	0	181	23	0	5
Bacteria	12	32	65	21	25	28	24	0
Insects	0	0	82	123	0	0	0	0
Ciliates	0	0	0	0	91	31	57	26
Bacteria	28	6	22	86	21	14	13	11
Bacteria	0	0	14	0	62	56	21	48
Plants	0	0	0	0	13	61	0	126
Rotifers	0	0	0	0	0	0	70	130
Bacteria	104	0	53	0	43	0	0	0
Plants	0	0	0	0	8	0	0	186
Fungi	40	19	30	48	21	9	16	7
Bacteria	86	56	23	21	0	0	0	0
Bacteria	0	0	62	49	32	0	14	27
Heterokont a	49	30	19	61	16	0	7	0
Other	26	51	37	61	7	0	0	0
Bacteria	0	0	23	45	22	35	34	21
Bacteria	68	31	0	25	11	12	0	30
Amoebae	15	5	79	16	15	20	8	18
Plants	0	0	0	0	0	54	0	121
Other	9	0	27	66	23	12	7	31
Bacteria	0	0	11	0	35	55	30	43
Bacteria	0	0	0	29	90	55	0	0
Bacteria	0	0	0	0	68	39	29	38
Insects	0	10	88	69	0	7	0	0
Bacteria	31	39	28	40	20	10	0	5
Ciliates	7	99	0	0	66	0	0	0
Bacteria	21	18	65	25	10	32	0	0
Bacteria	14	61	48	33	0	14	0	0
Bacteria	18	27	9	0	23	28	24	40
Bacteria	29	64	0	25	51	0	0	0
Diatoms	13	5	0	0	0	58	41	50
Bacteria	48	48	0	28	0	0	0	43
Other	47	28	0	0	0	47	24	20
Crustaceans	109	0	0	57	0	0	0	0
Bacteria	48	45	52	0	0	0	21	0
Birds	0	0	0	0	0	116	0	48
Worms	65	0	60	35	0	0	0	0

Other	0	14	0	0	86	28	15	16
Plants	0	0	0	0	103	32	0	18
Worms	0	0	0	0	0	0	143	10
Bacteria	69	0	11	30	0	21	0	21
Bacteria	0	0	0	0	29	34	33	55
Other	41	8	15	44	15	12	7	9
Plants	0	0	0	0	0	150	0	0
Insects	0	0	0	0	54	7	55	34
Plants	0	0	0	0	105	45	0	0
Mammals	18	0	0	0	0	131	0	0
Other	30	14	16	82	0	7	0	0
Fungi	23	23	45	22	10	6	0	17
Other	57	23	15	51	0	0	0	0
Other	0	0	42	100	0	0	0	0
Flatworms	45	16	45	6	18	5	6	0
Ciliates	0	0	0	0	38	16	8	78
Diatoms	0	0	0	0	44	36	0	57
Bacteria	23	60	28	25	0	0	0	0
Bacteria	36	0	0	0	0	50	23	25
Bacteria	0	0	0	0	18	17	59	40
Insects	0	53	0	0	0	0	51	30
Bacteria	46	45	13	30	0	0	0	0
Bacteria	133	0	0	0	0	0	0	0
Other	113	15	0	0	0	0	0	0
Rotifers	114	0	0	0	12	0	0	0
Bacteria	56	0	0	0	70	0	0	0
Bacteria	42	0	24	0	0	0	19	40
Green algae	0	0	0	14	28	25	0	57
Fungi	14	9	74	21	0	0	6	0
Bacteria	47	33	20	0	0	23	0	0
Ciliates	0	119	0	0	0	0	0	0
Ciliates	0	0	79	0	40	0	0	0
Bacteria	0	0	0	0	60	20	0	36
Ciliates	0	114	0	0	0	0	0	0
Bacteria	0	0	13	0	0	0	7	94
Plants	0	32	0	0	0	0	81	0
Other	20	0	24	8	10	29	8	14
Plants	0	111	0	0	0	0	0	0
Plants	0	0	0	0	73	9	0	29
Bacteria	49	0	61	0	0	0	0	0
Plants	0	0	0	0	110	0	0	0
Bacteria	23	0	0	0	14	14	16	43
Bacteria	0	0	0	0	0	66	0	44
Plants	0	0	0	0	0	0	107	0
Other	14	0	57	36	0	0	0	0
Plants	107	0	0	0	0	0	0	0
Amoebae	22	10	12	36	7	19	0	0
Archaea	30	37	16	16	0	5	0	0
Ciliates	0	0	0	12	0	90	0	0
Other	16	7	14	14	5	25	8	13

Plants	0	0	0	0	100	0	0	0
Ciliates	0	0	0	100	0	0	0	0
Insects	0	0	99	0	0	0	0	0
Bacteria	0	0	0	0	87	11	0	0
Green algae	0	0	23	0	24	27	0	23
Bacteria	57	0	0	0	40	0	0	0
Bacteria	0	40	0	15	0	20	20	0
Bacteria	0	28	42	0	0	0	25	0
Other	15	20	6	23	10	0	0	21
Ciliates	0	0	7	13	54	20	0	0
Heterokont a	36	30	19	8	0	0	0	0
Bacteria	0	0	0	0	21	10	42	19
Bacteria	0	0	0	12	0	41	0	39
Ciliates	34	0	37	0	0	20	0	0
Bacteria	34	0	0	33	0	0	23	0
Insects	25	0	27	20	18	0	0	0
Bacteria	90	0	0	0	0	0	0	0
Insects	0	0	0	0	0	84	5	0
Fungi	0	0	52	36	0	0	0	0
Oomycetes	0	0	0	0	11	0	30	45
Ciliates	0	0	6	57	10	0	5	8
Insects	0	0	86	0	0	0	0	0
Plants	0	0	0	0	0	85	0	0
Springtails	40	0	0	29	16	0	0	0
Bacteria	0	0	0	0	49	35	0	0
Plants	0	17	0	0	21	46	0	0
Other	0	5	24	18	12	7	0	18
Bacteria	28	20	0	0	0	35	0	0
Ciliates	0	5	0	0	40	11	13	13
Insects	75	0	0	0	0	7	0	0
Molluscs	0	0	0	0	0	0	82	0
Insects	0	7	0	0	0	0	74	0
Worms	0	0	0	0	81	0	0	0
Insects	0	0	0	0	37	0	22	22
Bacteria	0	0	0	0	39	0	0	41
Bacteria	61	0	0	0	0	0	0	19
Bacteria	0	0	0	80	0	0	0	0
Amoebae	9	9	0	26	8	18	0	9
Plants	0	0	0	0	67	10	0	0
Springtails	77	0	0	0	0	0	0	0
Plants	0	0	76	0	0	0	0	0
Bacteria	0	0	0	0	31	13	17	15
Insects	27	0	0	49	0	0	0	0
Bacteria	0	25	0	51	0	0	0	0
Plants	0	0	0	0	0	30	0	45
Springtails	55	0	0	0	0	0	0	19
Plants	0	0	0	0	0	0	73	0
Plants	0	0	0	0	40	33	0	0
Bacteria	0	0	21	23	28	0	0	0
Bacteria	0	5	34	26	0	6	0	0

Other	12	8	40	11	0	0	0	0
Bacteria	0	0	7	26	37	0	0	0
Bacteria	10	0	0	0	46	14	0	0
Birds	26	0	0	0	0	43	0	0
Bacteria	8	0	17	31	0	13	0	0
Fungi	0	0	20	13	9	8	0	19
Bacteria	44	0	25	0	0	0	0	0
Plants	0	0	68	0	0	0	0	0
Bacteria	0	0	11	5	7	16	9	18
Other	54	0	7	0	0	5	0	0
Ciliates	31	18	0	12	5	0	0	0
Fungi	0	0	13	51	0	0	0	0
Bacteria	0	0	0	0	0	24	15	25
Other	30	0	14	12	8	0	0	0
Bacteria	0	0	17	15	0	0	12	19
Ciliates	0	0	0	0	0	49	14	0
Insects	0	0	53	10	0	0	0	0
Bacteria	40	0	0	0	23	0	0	0
Bacteria	0	36	0	0	26	0	0	0
Ciliates	0	0	0	20	41	0	0	0
Ciliates	0	0	0	0	6	0	54	0
Insects	13	8	0	0	0	0	6	33
Bacteria	43	0	0	16	0	0	0	0
Cryptomonac	0	0	0	7	19	9	11	13
Plants	59	0	0	0	0	0	0	0
Other	7	0	16	29	0	7	0	0
Plants	0	0	0	0	46	11	0	0
Bacteria	0	16	12	7	0	22	0	0
Bacteria	25	11	0	21	0	0	0	0
Plants	0	0	0	0	56	0	0	0
Bacteria	0	0	0	0	54	0	0	0
Fungi	24	0	30	0	0	0	0	0
Bacteria	7	0	0	20	12	8	0	6
Ciliates	0	30	0	0	0	0	0	23
Insects	0	52	0	0	0	0	0	0
Bacteria	0	0	0	0	52	0	0	0
Plants	0	9	0	0	0	0	0	42
Plants	0	0	0	30	0	21	0	0
Insects	0	0	0	0	17	0	34	0
Ciliates	0	0	0	41	10	0	0	0
Bacteria	0	0	0	32	10	0	8	0
Other	50	0	0	0	0	0	0	0
Plants	0	0	0	49	0	0	0	0
Fungi	0	0	49	0	0	0	0	0
Diatoms	0	0	16	0	21	0	0	12
Bacteria	0	0	0	0	25	24	0	0
Green algae	13	0	17	8	0	11	0	0
Other	0	49	0	0	0	0	0	0
Archaea	0	17	6	16	9	0	0	0
Plants	0	0	0	0	0	48	0	0

Bacteria	0	0	0	0	47	0	0	0
Bacteria	34	0	13	0	0	0	0	0
Bacteria	0	0	0	46	0	0	0	0
Bacteria	12	0	18	15	0	0	0	0
Ciliates	13	0	0	14	18	0	0	0
Plants	0	10	0	0	0	0	0	34
Bacteria	0	0	0	0	44	0	0	0
Molluscs	0	0	0	0	0	0	44	0
Bacteria	44	0	0	0	0	0	0	0
Amoebae	6	10	21	7	0	0	0	0
Fungi	26	18	0	0	0	0	0	0
Mites and tic	0	0	44	0	0	0	0	0
Mites and tic	43	0	0	0	0	0	0	0
Bacteria	0	0	21	22	0	0	0	0
Plants	0	0	0	0	0	0	19	23
Bacteria	0	0	42	0	0	0	0	0
Bacteria	0	0	16	10	0	0	0	16
Fungi	0	0	18	0	24	0	0	0
Bacteria	0	0	26	15	0	0	0	0
Ciliates	0	0	0	41	0	0	0	0
Amoebae	8	0	0	0	0	6	5	22
Bacteria	0	0	18	16	0	0	6	0
Plants	0	0	0	0	0	0	0	40
Bacteria	10	11	0	7	0	12	0	0
Other	0	0	0	0	14	13	0	13
Insects	0	0	0	39	0	0	0	0
Insects	0	0	0	0	0	0	0	39
Plants	0	0	0	0	0	38	0	0
Diatoms	0	0	0	0	9	0	12	17
Bacteria	0	27	0	0	0	0	0	11
Fungi	0	7	31	0	0	0	0	0
Bacteria	6	8	8	11	5	0	0	0
Roundworms	0	38	0	0	0	0	0	0
Other	0	14	0	0	10	14	0	0
Fungi	0	0	8	14	0	0	0	15
Bacteria	0	0	37	0	0	0	0	0
Ciliates	17	7	0	13	0	0	0	0
Bacteria	0	0	0	0	37	0	0	0
Bacteria	5	9	0	6	16	0	0	0
Mammals	0	0	0	0	0	0	23	13
Plants	0	0	0	0	0	0	36	0
Bacteria	0	0	0	0	0	0	23	13
Fungi	11	24	0	0	0	0	0	0
Fungi	35	0	0	0	0	0	0	0
Insects	0	12	0	6	11	0	6	0
Fungi	0	0	0	35	0	0	0	0
Bacteria	0	0	0	0	0	0	35	0
Bacteria	0	8	0	15	0	11	0	0
Plants	0	0	0	0	27	7	0	0
Plants	34	0	0	0	0	0	0	0

Spiders	0	0	0	0	12	22	0	0
Bacteria	22	0	0	12	0	0	0	0
Bacteria	0	0	33	0	0	0	0	0
Mites and tic	0	0	0	0	33	0	0	0
Green algae	0	0	13	0	5	15	0	0
Flatworms	24	0	8	0	0	0	0	0
Plants	0	0	0	0	0	6	26	0
Plants	0	0	0	0	0	0	0	32
Other	10	0	22	0	0	0	0	0
Bacteria	0	0	9	0	0	0	0	22
Roundworms	0	31	0	0	0	0	0	0
Bacteria	0	0	0	31	0	0	0	0
Fungi	0	0	0	0	0	10	0	21
Birds	0	30	0	0	0	0	0	0
Plants	0	6	0	0	24	0	0	0
Bacteria	0	0	5	0	25	0	0	0
Fungi	0	0	0	0	13	7	0	10
Amoebae	11	8	6	0	0	0	5	0
Spiders	0	30	0	0	0	0	0	0
Other	0	7	5	0	10	8	0	0
Fungi	0	0	29	0	0	0	0	0
Bacteria	0	0	0	0	29	0	0	0
Bacteria	0	0	0	29	0	0	0	0
Bacteria	10	0	9	0	0	9	0	0
Plants	19	9	0	0	0	0	0	0
Bacteria	0	0	0	28	0	0	0	0
Insects	0	0	0	28	0	0	0	0
Bacteria	0	0	21	7	0	0	0	0
Heterokont a	0	0	0	28	0	0	0	0
Bacteria	16	12	0	0	0	0	0	0
Bacteria	15	0	0	8	0	0	0	5
Plants	0	0	0	0	0	0	15	12
Bacteria	19	0	0	0	0	8	0	0
Fungi	14	0	0	0	13	0	0	0
Other	10	12	5	0	0	0	0	0
Insects	0	0	0	0	0	0	0	27
Insects	6	0	0	0	14	0	0	6
Roundworms	0	0	0	0	11	0	0	15
Bacteria	0	0	0	0	14	0	0	12
Bacteria	26	0	0	0	0	0	0	0
Bacteria	9	0	0	0	16	0	0	0
Fish	0	0	0	0	0	0	0	25
Bacteria	0	0	0	25	0	0	0	0
Bacteria	0	0	0	0	0	25	0	0
Bacteria	0	0	0	0	0	0	0	25
Heterokont a	0	25	0	0	0	0	0	0
Fungi	9	0	0	16	0	0	0	0
Plants	0	0	0	0	24	0	0	0
Oomycetes	0	0	0	24	0	0	0	0
Fungi	0	0	0	24	0	0	0	0

Other	0	0	0	19	0	5	0	0
Plants	0	0	13	0	11	0	0	0
Insects	0	0	0	24	0	0	0	0
Other	0	0	0	13	6	5	0	0
Ciliates	14	10	0	0	0	0	0	0
Plants	23	0	0	0	0	0	0	0
Bacteria	0	23	0	0	0	0	0	0
Amoebae	0	0	15	0	0	0	7	0
Other	0	0	0	0	12	10	0	0
Plants	0	0	22	0	0	0	0	0
Bacteria	0	22	0	0	0	0	0	0
Bacteria	0	0	0	0	0	0	22	0
Roundworms	0	0	9	0	5	8	0	0
Green algae	0	0	0	14	8	0	0	0
Fungi	0	0	15	7	0	0	0	0
Fungi	0	8	13	0	0	0	0	0
Other	0	0	0	0	0	21	0	0
Insects	0	0	0	0	12	0	9	0
Rotifers	0	21	0	0	0	0	0	0
Heterokont a	0	0	0	0	0	0	15	5
Plants	0	0	0	0	0	0	0	20
Plants	0	0	0	0	20	0	0	0
Plants	20	0	0	0	0	0	0	0
Plants	0	0	0	0	20	0	0	0
Fungi	0	0	0	0	0	7	0	13
Bacteria	0	0	0	0	20	0	0	0
Bacteria	0	0	0	0	20	0	0	0
Bacteria	0	0	20	0	0	0	0	0
Ciliates	0	0	0	0	0	20	0	0
Green algae	0	0	0	0	0	11	0	8
Plants	0	0	0	0	0	19	0	0
Bacteria	0	0	0	0	19	0	0	0
Bacteria	0	0	0	19	0	0	0	0
Fungi	0	0	19	0	0	0	0	0
Plants	0	0	0	0	19	0	0	0
Bacteria	0	19	0	0	0	0	0	0
Amoebae	7	0	7	0	0	5	0	0
Other	0	0	0	0	0	8	5	6
Bacteria	0	0	0	0	0	18	0	0
Fungi	18	0	0	0	0	0	0	0
Plants	0	0	0	0	0	0	0	18
Insects	0	0	0	0	0	0	18	0
Bacteria	9	0	0	9	0	0	0	0
Bacteria	0	0	0	0	0	18	0	0
Ciliates	0	0	0	18	0	0	0	0
Other	0	11	7	0	0	0	0	0
Bacteria	0	0	0	0	18	0	0	0
Heterokont a	0	0	0	0	9	8	0	0
Fungi	0	0	7	0	10	0	0	0
Fungi	0	0	0	17	0	0	0	0

Fungi	17	0	0	0	0	0	0	0
Other	5	6	6	0	0	0	0	0
Bacteria	0	0	17	0	0	0	0	0
Bacteria	0	0	0	0	0	0	0	16
Fungi	0	0	9	0	7	0	0	0
Green algae	0	11	0	0	5	0	0	0
Plants	0	0	0	0	16	0	0	0
Flatworms	0	0	0	11	5	0	0	0
Other	0	0	0	0	16	0	0	0
Insects	0	0	0	16	0	0	0	0
Insects	0	0	0	0	16	0	0	0
Bacteria	16	0	0	0	0	0	0	0
Springtails	0	0	0	0	0	0	16	0
Crustaceans	0	0	0	0	0	0	8	8
Fungi	16	0	0	0	0	0	0	0
Bacteria	0	0	16	0	0	0	0	0
Fungi	0	10	0	6	0	0	0	0
Bacteria	0	0	0	0	16	0	0	0
Bacteria	0	0	16	0	0	0	0	0
Plants	0	0	0	0	0	0	15	0
Bacteria	0	0	0	15	0	0	0	0
Molluscs	0	0	0	0	0	7	0	8
Fungi	0	0	0	0	5	10	0	0
Plants	0	15	0	0	0	0	0	0
Insects	0	0	0	15	0	0	0	0
Amoebae	0	7	0	8	0	0	0	0
Green algae	5	0	0	10	0	0	0	0
Spiders	0	0	0	0	15	0	0	0
Springtails	0	0	0	0	0	0	15	0
Bacteria	0	14	0	0	0	0	0	0
Fungi	0	0	0	14	0	0	0	0
Fungi	0	0	0	0	14	0	0	0
Insects	0	0	14	0	0	0	0	0
Amoebae	0	0	0	0	14	0	0	0
Bacteria	0	0	0	0	14	0	0	0
Bacteria	0	0	0	0	0	0	0	14
Mites and tic	0	0	0	14	0	0	0	0
Bacteria	0	0	0	13	0	0	0	0
Bacteria	0	0	0	0	0	0	13	0
Fungi	0	0	0	13	0	0	0	0
Other	0	0	7	6	0	0	0	0
Bacteria	0	0	0	0	13	0	0	0
Fungi	0	0	0	13	0	0	0	0
Bacteria	0	0	0	0	13	0	0	0
Other	13	0	0	0	0	0	0	0
Bacteria	0	13	0	0	0	0	0	0
Plants	0	0	0	0	0	12	0	0
Insects	0	0	0	0	5	7	0	0
Flatworms	0	0	0	0	12	0	0	0
Bacteria	0	0	0	12	0	0	0	0

Ciliates	0	0	0	12	0	0	0	0
Bacteria	0	0	0	11	0	0	0	0
Ciliates	6	5	0	0	0	0	0	0
Heterokont a	0	0	0	0	5	0	6	0
Fungi	6	0	0	0	0	5	0	0
Green algae	0	11	0	0	0	0	0	0
Fungi	0	0	0	11	0	0	0	0
Bacteria	11	0	0	0	0	0	0	0
Flatworms	0	0	0	0	0	0	11	0
Bacteria	0	0	0	0	0	0	11	0
Bacteria	0	0	0	0	0	0	0	11
Ciliates	11	0	0	0	0	0	0	0
Bacteria	0	0	0	0	0	0	11	0
Fungi	0	0	0	11	0	0	0	0
Bacteria	0	0	0	11	0	0	0	0
Bacteria	0	0	0	0	10	0	0	0
Amoebae	0	0	10	0	0	0	0	0
Fungi	10	0	0	0	0	0	0	0
Bacteria	0	0	0	10	0	0	0	0
Plants	0	0	0	0	0	10	0	0
Bacteria	0	0	0	0	10	0	0	0
Green algae	0	0	0	10	0	0	0	0
Amoebae	10	0	0	0	0	0	0	0
Bacteria	10	0	0	0	0	0	0	0
Fungi	0	10	0	0	0	0	0	0
Bacteria	0	0	0	0	9	0	0	0
Bacteria	0	0	0	0	0	0	0	9
Fungi	0	0	0	9	0	0	0	0
Bacteria	0	0	0	9	0	0	0	0
Bacteria	9	0	0	0	0	0	0	0
Fungi	0	9	0	0	0	0	0	0
Bacteria	0	0	0	0	0	0	8	0
Flatworms	0	0	0	0	8	0	0	0
Flatworms	0	0	0	0	0	0	8	0
Fungi	0	0	0	0	0	0	0	8
Ciliates	8	0	0	0	0	0	0	0
Mosses	0	8	0	0	0	0	0	0
Other	0	0	0	0	0	8	0	0
Amoebae	8	0	0	0	0	0	0	0
Bacteria	0	0	0	8	0	0	0	0
Insects	0	0	0	0	0	0	8	0
Fungi	0	0	0	7	0	0	0	0
Ciliates	0	0	7	0	0	0	0	0
Rotifers	0	0	7	0	0	0	0	0
Fungi	0	0	0	7	0	0	0	0
Other	0	0	0	0	0	7	0	0
Bacteria	0	0	0	0	0	0	0	7
Ciliates	7	0	0	0	0	0	0	0
Amoebae	0	0	0	0	0	7	0	0
Bacteria	0	0	0	0	0	0	0	7

Mites and tic	7	0	0	0	0	0	0	0
Other	7	0	0	0	0	0	0	0
Ciliates	0	0	0	0	0	0	7	0
Bacteria	0	0	0	0	0	0	0	7
Bacteria	0	0	0	7	0	0	0	0
Bacteria	0	0	0	0	0	0	6	0
Bacteria	0	0	0	0	0	0	0	6
Archaea	0	0	0	0	0	0	6	0
Archaea	0	0	0	0	6	0	0	0
Cryptomonac	0	0	0	0	0	0	6	0
Plants	0	0	0	0	0	6	0	0
Amoebae	0	6	0	0	0	0	0	0
Other	0	0	6	0	0	0	0	0
Green algae	0	0	0	0	0	6	0	0
Bacteria	6	0	0	0	0	0	0	0
Other	6	0	0	0	0	0	0	0
Other	0	6	0	0	0	0	0	0
Other	0	0	0	6	0	0	0	0
Bacteria	0	0	0	0	0	0	6	0
Green algae	0	0	0	0	0	6	0	0
Bacteria	0	0	0	0	0	6	0	0
Fungi	0	0	6	0	0	0	0	0
Insects	0	0	0	0	0	0	6	0
Amoebae	0	6	0	0	0	0	0	0
Bacteria	6	0	0	0	0	0	0	0
Spiders	0	0	0	0	0	0	6	0
Fungi	0	0	6	0	0	0	0	0
Fungi	6	0	0	0	0	0	0	0
Bacteria	0	0	0	0	0	0	0	6
Green algae	0	0	0	6	0	0	0	0
Archaea	0	5	0	0	0	0	0	0
Fungi	5	0	0	0	0	0	0	0
Green algae	0	0	0	0	5	0	0	0
Other	0	0	0	0	0	5	0	0
Heterokont a	0	5	0	0	0	0	0	0
Mites and tic	5	0	0	0	0	0	0	0
Fungi	5	0	0	0	0	0	0	0
Insects	0	5	0	0	0	0	0	0
Rotifers	0	0	0	0	0	5	0	0
Amoebae	5	0	0	0	0	0	0	0
Diatoms	0	5	0	0	0	0	0	0
Bacteria	0	5	0	0	0	0	0	0
Fungi	5	0	0	0	0	0	0	0
Amoebae	5	0	0	0	0	0	0	0
Bacteria	0	0	0	0	0	0	0	5
Bacteria	5	0	0	0	0	0	0	0
Amoebae	0	5	0	0	0	0	0	0
Amoebae	5	0	0	0	0	0	0	0
Green algae	0	0	5	0	0	0	0	0
Bacteria	6043	12161	7745	8513	12786	16530	11853	18443

Plants	0	0	43882	28813	2224	7020	394	310
Plants	5521	8800	19531	20667	9963	5940	7161	3012
Bacteria	4931	8691	6015	6333	5377	5831	1908	2946
Bacteria	3880	3503	2598	2986	3884	5960	2454	3544
Oomycetes	4853	6950	5116	4889	1548	987	188	876
Ciliates	0	0	0	7	5947	4036	4175	1984
Ciliates	876	1575	3443	4187	1301	1135	262	885
Plants	158	97	1277	1487	1480	691	3374	1022
Bacteria	0	19	0	0	2247	1691	1150	4326
Plants	1134	1005	839	697	679	2560	827	313
Plants	167	449	682	652	773	1152	2910	1217
Insects	12	0	61	0	2268	1851	1903	1788
Worms	6	379	0	0	222	121	3731	3240
Bacteria	1626	1113	522	692	631	1717	262	816
Plants	1235	2310	1001	390	0	1071	1353	0
Bacteria	527	424	1162	951	856	378	1217	386
Plants	0	0	0	0	2273	1909	1404	175
Bacteria	1211	720	767	1138	813	247	342	418
Bacteria	502	733	384	552	908	801	746	566
Plants	2717	1302	52	239	225	63	200	299
Bacteria	331	765	1009	1236	685	349	226	487
Bacteria	314	598	515	559	1011	512	407	867
Ciliates	62	160	57	430	1167	1115	1082	650
Bacteria	698	524	613	611	555	270	633	519
Plants	151	248	456	0	0	1487	1588	480
Bacteria	2252	532	498	526	135	164	43	253
Bacteria	386	562	581	533	521	514	303	464
Insects	919	1245	606	1059	0	0	0	0
Plants	85	219	265	152	339	653	696	1370
Fungi	743	641	845	1077	87	102	51	43
Insects	0	17	51	28	15	3399	5	0
Plants	0	0	721	597	688	678	429	119
Bacteria	177	464	718	838	126	679	37	128
Plants	0	0	0	89	103	853	1055	1057
Bacteria	160	149	163	169	982	699	449	384
Bacteria	400	413	212	156	398	1044	122	393
Bacteria	365	408	185	189	528	710	204	424
Insects	46	140	625	1202	299	63	456	180
Birds	0	0	0	0	93	1788	913	0
Bacteria	26	9	18	58	1120	624	326	476
Other	1412	922	10	8	126	122	7	27
Plants	44	105	298	168	233	503	748	282
Bacteria	231	147	153	261	347	218	501	445
Bacteria	471	432	304	378	135	210	121	180
Plants	0	0	0	0	928	248	604	446
Bacteria	491	262	279	480	155	128	284	87
Plants	191	108	281	0	0	218	264	991
Plants	72	39	220	222	433	207	715	108
Bacteria	185	342	288	451	259	183	135	164
Ciliates	0	0	184	28	400	800	91	474

Plants	0	0	0	0	275	35	1262	318
Bacteria	357	635	160	162	156	118	112	153
Bacteria	80	112	110	161	637	307	215	154
Bacteria	144	197	203	166	233	420	147	256
Ciliates	0	0	0	0	305	647	125	582
Oomycetes	409	459	234	198	136	84	14	105
Bacteria	279	224	70	238	120	245	159	252
Plants	0	0	0	0	873	358	306	0
Bacteria	307	174	220	207	256	137	120	94
Bacteria	260	244	106	156	265	137	172	114
Birds	0	0	0	0	969	438	0	0
Diatoms	0	0	0	0	368	241	338	456
Ciliates	374	110	255	210	190	92	60	112
Bacteria	161	179	147	267	199	178	127	97
Bacteria	426	136	130	237	146	109	47	122
Plants	142	277	390	325	142	0	25	0
Bacteria	45	28	95	91	410	330	113	157
Bacteria	359	224	137	181	79	125	29	74
Plants	5	0	103	418	243	177	157	99
Insects	319	494	136	156	54	13	0	25
Bacteria	0	5	7	0	139	762	149	100
Bacteria	145	104	336	178	103	114	47	71
Bacteria	55	68	104	106	259	148	178	161
Bacteria	58	46	22	41	353	85	161	311
Bacteria	28	18	46	32	454	205	161	133
Bacteria	450	93	103	88	79	84	46	109
Bacteria	97	72	48	55	188	255	169	141
Birds	0	0	709	0	93	92	0	0
Plants	0	0	0	49	0	0	774	57
Bacteria	134	126	150	101	86	141	31	104
Worms	0	0	67	64	174	88	233	200
Worms	15	13	43	55	173	82	241	181
Birds	0	0	0	0	310	174	226	40
Bacteria	0	18	29	13	331	77	194	68
Plants	0	0	0	0	692	0	0	0
Molluscs	0	501	0	0	10	142	0	0
Fungi	156	116	134	131	69	44	0	0
Ciliates	96	153	0	0	39	81	156	116
Bacteria	76	85	96	126	62	53	44	87
Bacteria	24	57	37	88	192	105	36	83
Bacteria	153	70	134	64	27	72	29	44
Plants	62	0	219	79	30	89	29	38
Bacteria	130	68	0	0	0	178	19	134
Insects	5	140	0	57	222	6	5	79
Heterokont a	222	43	71	44	100	29	0	0
Plants	81	63	151	135	17	32	18	0
Plants	0	24	9	288	0	145	20	0
Bacteria	93	65	62	10	24	149	25	51
Bacteria	78	158	108	63	0	28	0	43
Bacteria	65	47	55	83	87	42	51	32

Plants	0	0	153	124	0	178	0	0
Bacteria	119	66	76	43	34	30	26	53
Bacteria	90	76	61	97	47	45	17	11
Birds	0	433	0	0	0	0	0	0
Bacteria	64	45	54	42	63	105	23	32
Plants	0	0	0	0	46	220	64	90
Bacteria	0	0	0	58	62	83	96	116
Bacteria	100	32	78	96	72	0	0	24
Bacteria	14	13	23	52	108	109	29	52
Fish	0	0	0	0	0	106	0	276
Birds	0	147	0	0	0	85	147	0
Plants	0	0	0	0	221	10	66	61
Plants	0	0	0	0	0	0	358	0
Bacteria	87	104	57	57	19	28	0	0
Insects	38	88	78	138	0	0	10	0
Worms	21	18	91	90	35	47	34	14
Plants	5	0	190	88	0	52	0	0
Other	60	53	47	41	31	18	37	44
Bacteria	9	43	31	24	128	72	0	22
Other	50	16	61	49	39	22	55	36
Other	71	0	148	69	6	13	0	18
Insects	155	13	5	134	0	0	0	17
Bacteria	16	15	10	76	86	0	61	58
Crustaceans	0	290	0	0	27	0	0	0
Bacteria	67	31	64	43	0	23	0	89
Crustaceans	77	0	49	71	34	27	27	28
Other	94	30	11	61	33	64	6	13
Bacteria	36	0	50	34	52	43	52	39
Bacteria	0	18	0	0	91	0	99	95
Bacteria	27	41	15	60	53	75	24	0
Crustaceans	0	277	0	0	16	0	0	0
Plants	0	0	0	0	289	0	0	0
Bacteria	0	0	6	52	43	47	29	109
Plants	33	57	130	52	0	11	0	0
Bacteria	62	65	19	63	14	0	20	36
Bacteria	107	43	59	70	0	0	0	0
Plants	0	0	0	0	0	134	142	0
Bacteria	13	21	11	0	66	71	44	50
Bacteria	0	0	0	0	99	57	24	94
Crustaceans	0	9	51	31	23	28	70	52
Plants	0	0	0	0	117	27	0	113
Insects	111	59	0	74	6	0	0	0
Plants	0	0	0	0	0	181	0	64
Worms	0	0	108	104	0	0	32	0
Bryozoans	0	0	0	0	133	57	24	26
Other	0	0	0	0	80	58	54	46
Bacteria	20	63	28	28	35	16	33	0
Worms	0	8	47	36	38	10	29	52
Other	7	22	69	122	0	0	0	0
Bacteria	0	24	43	26	67	50	0	0

Bacteria	22	14	0	39	41	14	17	62
Flatworms	58	76	31	17	0	0	8	13
Ciliates	16	11	0	0	0	27	129	19
Bacteria	22	40	28	8	34	44	0	26
Bacteria	5	26	19	59	61	7	24	0
Bacteria	18	7	0	46	61	11	26	30
Green algae	41	24	15	56	19	22	9	10
Bacteria	0	0	0	0	74	24	76	22
Insects	42	43	62	30	0	7	5	5
Bacteria	0	7	25	29	26	26	0	76
Bacteria	62	59	0	37	29	0	0	0
Insects	8	0	16	0	0	0	154	0
Plants	0	0	0	0	0	0	172	0
Bacteria	16	0	11	11	22	85	6	18
Bacteria	28	14	0	0	32	25	49	21
Bacteria	58	26	29	24	0	21	0	9
Bacteria	35	30	11	47	28	9	0	0
Insects	33	0	34	77	14	0	0	0
Ciliates	0	0	99	55	0	0	0	0
Plants	0	0	0	0	152	0	0	0
Bacteria	53	15	33	35	16	0	0	0
Bacteria	0	20	17	18	52	21	11	13
Bacteria	56	27	10	29	11	18	0	0
Bacteria	32	19	17	28	30	10	11	0
Diatoms	0	0	0	0	0	13	69	63
Bacteria	0	0	11	0	32	11	32	50
Amoebae	23	0	16	52	19	15	0	10
Bacteria	0	14	0	0	26	28	42	24
Other	0	14	55	0	25	0	14	20
Bacteria	54	10	8	10	10	8	15	8
Bacteria	95	27	0	0	0	0	0	0
Bacteria	0	0	0	0	52	22	0	47
Bacteria	0	0	0	72	0	0	44	0
Bacteria	0	0	10	0	10	0	44	50
Other	35	19	6	23	0	15	0	14
Roundworms	25	0	73	9	5	0	0	0
Bacteria	29	29	0	0	31	23	0	0
Insects	8	0	46	56	0	0	0	0
Bacteria	50	0	0	44	12	0	0	0
Bacteria	11	16	33	21	19	0	0	6
Bacteria	0	43	0	0	33	0	0	26
Plants	75	0	0	0	0	13	6	0
Bacteria	45	0	0	25	22	0	0	0
Bacteria	27	9	0	13	12	31	0	0
Bacteria	58	13	21	0	0	0	0	0
Mites and tic	52	0	0	38	0	0	0	0
Plants	0	5	5	79	0	0	0	0
Other	33	11	13	26	5	0	0	0
Insects	39	21	20	0	0	6	0	0
Spiders	35	0	5	0	15	0	0	26

Bacteria	24	0	24	0	0	32	0	0
Roundworms	7	10	50	6	0	7	0	0
Plants	15	19	0	0	45	0	0	0
Oomycetes	52	26	0	0	0	0	0	0
Bacteria	0	0	10	19	19	0	15	15
Birds	0	0	77	0	0	0	0	0
Amoebae	35	18	17	0	0	6	0	0
Bacteria	0	27	0	0	19	0	0	28
Birds	0	0	0	0	0	0	0	73
Bacteria	21	0	0	0	0	0	51	0
Insects	46	15	0	10	0	0	0	0
Plants	0	0	0	0	49	5	16	0
Fungi	50	0	0	20	0	0	0	0
Insects	14	5	34	0	0	0	13	0
Plants	44	0	21	0	0	0	0	0
Ciliates	0	0	0	0	8	0	40	16
Birds	0	0	0	0	0	64	0	0
Bacteria	16	0	19	11	16	0	0	0
Insects	0	0	62	0	0	0	0	0
Ciliates	0	0	0	0	0	62	0	0
Green algae	0	0	6	0	24	22	10	0
Insects	0	0	21	30	0	10	0	0
Bacteria	0	0	0	0	17	0	44	0
Bacteria	0	11	11	28	7	0	0	0
Plants	0	0	56	0	0	0	0	0
Plants	0	12	11	31	0	0	0	0
Plants	0	0	0	0	0	0	52	0
Mites and tic	0	0	0	0	0	0	16	35
Bacteria	0	23	0	18	0	0	9	0
Other	50	0	0	0	0	0	0	0
Insects	0	0	0	47	0	0	0	0
Plants	0	0	45	0	0	0	0	0
Bacteria	0	6	0	0	17	11	11	0
Bacteria	0	9	0	0	8	0	0	28
Other	0	0	0	0	21	15	0	8
Red algae	0	0	5	0	21	17	0	0
Insects	0	0	0	6	13	7	9	8
Bacteria	0	0	0	0	18	14	10	0
Ciliates	0	0	0	0	14	14	0	14
Insects	0	0	42	0	0	0	0	0
Bacteria	5	0	5	21	0	0	11	0
Bacteria	0	5	0	8	0	11	18	0
Fungi	0	14	6	8	7	0	0	6
Insects	0	0	18	23	0	0	0	0
Bacteria	0	0	0	41	0	0	0	0
Bacteria	0	0	0	0	40	0	0	0
Bacteria	0	6	8	20	0	5	0	0
Plants	0	0	0	0	0	0	39	0
Fungi	0	0	0	0	38	0	0	0
Ciliates	17	0	0	0	0	0	8	12

Fungi	0	0	0	35	0	0	0	0
Plants	0	35	0	0	0	0	0	0
Bacteria	14	21	0	0	0	0	0	0
Fungi	0	0	33	0	0	0	0	0
Bacteria	0	0	0	33	0	0	0	0
Bacteria	0	0	14	9	9	0	0	0
Plants	0	0	0	0	0	0	0	32
Bacteria	0	0	0	0	8	7	6	11
Insects	0	0	0	0	16	15	0	0
Other	0	11	20	0	0	0	0	0
Green algae	17	0	14	0	0	0	0	0
Bacteria	29	0	0	0	0	0	0	0
Flatworms	0	0	0	0	0	0	9	20
Mammals	29	0	0	0	0	0	0	0
Bacteria	0	0	0	0	0	11	0	18
Bacteria	0	0	0	29	0	0	0	0
Bacteria	9	0	0	19	0	0	0	0
Green algae	0	0	6	14	0	0	7	0
Plants	0	0	0	0	26	0	0	0
Worms	8	0	8	10	0	0	0	0
Bacteria	0	0	0	0	0	0	16	10
Bacteria	0	0	0	0	16	0	10	0
Springtails	0	0	10	15	0	0	0	0
Bacteria	0	11	0	0	6	0	0	8
Fungi	0	0	0	0	0	25	0	0
Amoebae	12	12	0	0	0	0	0	0
Bacteria	0	24	0	0	0	0	0	0
Fungi	0	0	23	0	0	0	0	0
Rotifers	22	0	0	0	0	0	0	0
Bacteria	0	0	0	21	0	0	0	0
Fungi	0	12	0	0	0	0	0	9
Plants	0	0	0	0	0	0	13	8
Bacteria	0	0	0	0	0	0	20	0
Heterokont a	12	8	0	0	0	0	0	0
Other	0	0	0	0	19	0	0	0
Bacteria	19	0	0	0	0	0	0	0
Fungi	0	0	0	19	0	0	0	0
Fungi	0	0	0	0	0	0	0	19
Bacteria	0	0	10	9	0	0	0	0
Bacteria	8	0	0	10	0	0	0	0
Fungi	0	0	0	18	0	0	0	0
Plants	0	0	0	0	0	12	0	6
Archaea	16	0	0	0	0	0	0	0
Fungi	5	0	0	11	0	0	0	0
Bacteria	0	16	0	0	0	0	0	0
Rotifers	0	0	0	0	0	7	8	0
Fungi	0	0	0	0	0	15	0	0
Bacteria	0	0	0	15	0	0	0	0
Diatoms	0	5	0	9	0	0	0	0
Springtails	0	0	0	14	0	0	0	0

Bacteria	0	8	0	5	0	0	0	0
Mites and tic	13	0	0	0	0	0	0	0
Bacteria	0	0	0	0	13	0	0	0
Bacteria	0	0	12	0	0	0	0	0
Bacteria	0	0	0	0	6	6	0	0
Insects	0	0	0	12	0	0	0	0
Other	0	0	12	0	0	0	0	0
Green algae	0	0	0	11	0	0	0	0
Spiders	0	11	0	0	0	0	0	0
Roundworms	0	5	0	0	6	0	0	0
Springtails	0	0	0	11	0	0	0	0
Fungi	0	0	0	11	0	0	0	0
Fungi	10	0	0	0	0	0	0	0
Mites and tic	0	10	0	0	0	0	0	0
Ciliates	0	10	0	0	0	0	0	0
Bacteria	0	10	0	0	0	0	0	0
Plants	0	0	0	0	9	0	0	0
Springtails	0	9	0	0	0	0	0	0
Insects	0	0	0	9	0	0	0	0
Mites and tic	0	0	9	0	0	0	0	0
Plants	0	0	0	0	0	0	0	9
Mites and tic	0	0	0	9	0	0	0	0
Bacteria	0	0	0	0	9	0	0	0
Fungi	0	0	0	8	0	0	0	0
Other	0	0	0	0	0	0	8	0
Amoebae	8	0	0	0	0	0	0	0
Fungi	0	0	8	0	0	0	0	0
Archaea	8	0	0	0	0	0	0	0
Fungi	8	0	0	0	0	0	0	0
Bacteria	0	0	0	8	0	0	0	0
Roundworms	0	7	0	0	0	0	0	0
Amoebae	0	0	7	0	0	0	0	0
Bacteria	0	0	7	0	0	0	0	0
Bacteria	0	0	0	7	0	0	0	0
Bacteria	0	0	6	0	0	0	0	0
Plants	0	0	0	0	0	6	0	0
Green algae	6	0	0	0	0	0	0	0
Green algae	6	0	0	0	0	0	0	0
Mites and tic	0	0	6	0	0	0	0	0
Bacteria	6	0	0	0	0	0	0	0
Amoebae	0	0	0	0	0	0	0	6
Fungi	0	0	0	5	0	0	0	0
Other	0	0	0	0	0	0	5	0
Spiders	0	0	0	0	5	0	0	0
Insects	0	0	0	0	5	0	0	0
Bacteria	0	0	0	0	5	0	0	0
Mites and tic	5	0	0	0	0	0	0	0
Other	143583	96995	74336	86821	101784	188399	110534	115135
Plants	126486	132365	51450	52357	33304	39271	38127	14922
Bacteria	12921	12709	9322	10814	15868	22836	10828	11091

Bacteria	7202	10133	7215	7529	9508	12720	13064	14368
Insects	4578	5495	9382	11808	9535	15745	12103	11083
Bacteria	10125	9881	9757	9877	9971	9956	7167	10923
Bacteria	4784	10130	8314	9882	8262	7360	5752	11369
Other	2684	2074	2653	2156	15950	11564	11816	9051
Molluscs	1230	622	1519	959	4525	26502	9610	12727
Bacteria	7489	5525	7048	7008	6799	6500	5958	4951
Ciliates	4430	4684	8289	11536	2364	1044	1065	833
Bacteria	4045	3537	6067	5414	3269	3756	1803	2805
Fungi	5272	5018	5914	5058	3430	1950	757	2150
Plants	178	84	292	116	11925	11468	1159	1939
Plants	5912	3381	5515	5712	561	574	366	114
Other	8460	4965	2081	1737	416	321	263	240
Plants	295	681	1083	369	5453	5014	3378	654
Bacteria	3454	1895	4167	2731	746	1754	727	1412
Bacteria	2618	2222	2568	2683	2023	1198	1293	1237
Bacteria	1630	2119	3473	3520	1141	1601	562	993
Green algae	0	0	0	0	2206	1754	1051	8345
Bacteria	2149	1627	1494	1635	1671	1283	932	1567
Plants	0	161	1410	1878	1848	1721	3212	304
Ciliates	1310	1346	3327	2443	360	262	965	476
Other	1821	1319	1973	1687	779	547	298	981
Ciliates	1522	726	1453	1209	756	696	1625	1076
Insects	884	851	1519	1603	1372	330	1418	1057
Ciliates	1318	1774	802	854	508	1054	1618	977
Ciliates	1425	1107	1477	964	2309	914	347	187
Insects	401	664	843	1276	1546	529	1885	1327
Ciliates	64	47	42	64	940	4208	607	2457
Fungi	40	51	69	83	487	191	1641	5804
Plants	1661	1232	2138	2138	166	240	15	88
Bacteria	2678	959	784	1447	420	467	236	493
Molluscs	87	14	0	577	2356	287	1869	1776
Diatoms	119	8	228	257	2299	1895	743	1395
Bacteria	530	626	1507	1264	1213	783	473	475
Insects	547	820	773	1257	479	94	1244	1451
Bacteria	1025	876	773	844	497	1033	541	981
Bacteria	94	126	153	350	2459	1037	1024	1115
Crustaceans	0	0	0	0	0	0	5965	0
Ciliates	1296	1171	414	54	882	1015	415	465
Plants	28	33	48	152	1896	658	1296	1156
Bacteria	1962	657	736	771	344	267	152	335
Bacteria	502	477	380	351	748	1271	418	876
Bacteria	291	496	533	813	1113	495	422	450
Oomycetes	487	481	849	763	844	236	41	695
Bacteria	478	564	1001	809	388	231	520	218
Bacteria	689	550	516	647	645	252	509	261
Heterokont a	661	285	392	619	771	659	111	291
Bacteria	449	467	244	200	511	887	171	418
Bacteria	850	364	670	489	187	220	105	336
Bacteria	641	589	353	630	341	235	187	145

Bacteria	369	376	549	600	496	237	188	247
Bacteria	439	486	463	436	378	237	315	232
Fungi	710	1346	113	156	83	62	30	115
Bacteria	59	86	65	56	218	329	973	757
Bacteria	541	409	290	187	222	413	119	265
Plants	131	163	814	298	400	197	395	0
Birds	0	655	1504	0	0	0	0	239
Plants	427	223	776	702	113	74	28	0
Rotifers	808	533	176	79	63	353	83	187
Roundworms	703	112	464	20	188	263	168	278
Bacteria	805	258	221	379	74	172	10	149
Ciliates	440	32	11	237	459	211	298	337
Other	345	300	459	359	170	135	83	105
Bacteria	245	141	252	317	374	152	184	218
Bacteria	241	175	148	172	262	459	130	201
Fungi	147	51	648	657	88	85	38	16
Other	0	0	444	508	188	201	192	133
Mosses	24	0	0	0	563	695	0	356
Bacteria	62	220	206	339	237	161	173	200
Insects	64	83	350	419	351	113	58	44
Spiders	357	39	295	179	296	15	197	103
Ciliates	277	66	237	433	115	156	89	81
Bacteria	193	147	42	103	285	171	209	262
Bacteria	189	166	264	283	404	38	46	14
Insects	532	395	183	204	22	5	58	0
Other	140	97	190	408	37	144	144	173
Fungi	557	200	178	313	43	11	25	0
Insects	0	0	80	0	350	95	455	281
Plants	0	0	0	0	195	218	744	0
Fungi	86	68	353	332	93	94	27	37
Bacteria	53	32	132	124	354	181	81	132
Ciliates	0	0	0	0	0	0	865	187
Plants	14	0	0	0	756	140	0	136
Amoebae	64	20	85	94	186	182	294	102
Green algae	27	0	8	0	373	414	63	135
Other	131	127	71	90	75	288	65	142
Rotifers	173	77	204	362	28	0	26	47
Bacteria	185	116	279	126	10	135	16	48
Fungi	265	29	93	235	88	18	26	68
Worms	0	0	277	226	112	78	78	14
Plants	0	0	0	0	0	148	636	0
Insects	32	117	163	401	0	0	7	21
Mites and tic	26	8	43	6	71	412	109	45
Heterokont a	186	185	73	111	60	50	13	31
Insects	522	10	9	0	12	127	17	0
Plants	0	0	0	0	172	412	66	44
Worms	134	52	123	113	89	51	57	70
Other	157	170	69	56	79	56	49	47
Bacteria	40	61	68	71	150	139	43	84
Bacteria	148	0	75	56	48	166	46	94

Plants	0	0	0	0	0	20	80	496
Rotifers	33	29	0	19	0	105	70	339
Bacteria	284	56	87	61	29	34	0	39
Bacteria	87	166	0	49	26	82	41	106
Other	89	36	153	168	25	30	25	30
Rotifers	79	122	99	43	32	175	0	0
Bacteria	106	177	20	179	20	0	48	0
Fungi	62	0	149	228	8	37	9	26
Ciliates	57	54	25	18	41	140	95	81
Plants	0	0	0	0	509	0	0	0
Other	16	25	115	165	12	162	0	0
Fungi	62	0	74	302	0	0	54	0
Plants	0	31	0	0	0	452	0	0
Bacteria	32	35	44	68	96	50	77	81
Other	146	60	102	162	5	0	0	7
Heterokont a	107	78	100	80	40	42	9	26
Birds	0	0	0	14	0	453	0	0
Bacteria	67	150	8	8	73	143	0	18
Other	76	13	104	152	48	23	0	0
Bacteria	76	33	63	39	8	85	46	64
Bacteria	125	77	91	86	18	0	10	7
Other	32	14	47	25	21	168	31	73
Other	87	53	82	46	50	28	7	25
Crustaceans	0	24	289	54	0	0	0	0
Ciliates	137	38	90	57	29	9	0	0
Fungi	109	38	50	125	0	21	10	0
Bacteria	47	0	88	131	48	29	5	0
Fungi	112	50	81	96	0	6	0	0
Oomycetes	30	103	112	54	21	16	9	0
Bacteria	0	0	23	19	116	95	46	44
Insects	43	11	154	133	0	0	0	0
Fungi	0	35	87	90	68	52	0	0
Bacteria	9	0	19	83	98	27	35	46
Fungi	44	40	61	60	48	28	0	34
Plants	0	0	0	0	108	0	206	0
Other	40	10	75	110	18	29	7	0
Plants	76	76	108	28	0	0	0	0
Worms	74	21	81	52	0	11	32	0
Bacteria	31	27	55	96	28	20	0	13
Other	40	32	80	46	18	24	11	15
Fungi	139	0	32	67	25	0	0	0
Fungi	35	34	130	50	13	0	0	0
Plants	0	0	0	0	255	0	0	0
Amoebae	0	0	0	10	73	25	74	69
Amoebae	17	56	60	104	10	0	0	0
Other	34	26	17	52	24	48	19	25
Plants	0	0	0	0	0	244	0	0
Bacteria	0	0	0	10	108	36	36	51
Oomycetes	92	43	22	5	8	5	0	63
Plants	0	0	0	0	0	235	0	0

Fungi	0	0	100	133	0	0	0	0
Plants	88	142	0	0	0	0	0	0
Bacteria	35	49	31	69	28	12	0	0
Heterokont a	16	16	43	0	41	29	22	48
Cnidarians	6	9	109	68	14	7	0	0
Other	67	27	49	28	6	14	5	16
Flatworms	0	0	0	0	0	211	0	0
Bacteria	0	0	145	65	0	0	0	0
Fungi	49	37	48	27	35	0	0	12
Fungi	66	42	0	10	37	12	23	18
Bacteria	27	0	8	20	63	14	35	39
Ciliates	60	67	63	0	0	13	0	0
Bacteria	83	20	28	70	0	0	0	0
Ciliates	29	22	0	0	50	13	37	48
Diatoms	80	5	84	27	0	0	0	0
Bacteria	91	43	15	8	7	11	9	12
Plants	0	0	0	0	0	39	154	0
Other	22	0	35	115	19	0	0	0
Bacteria	123	0	5	20	0	16	16	8
Ciliates	0	0	0	0	0	0	0	187
Plants	0	0	0	0	0	186	0	0
Mammals	0	109	0	0	77	0	0	0
Amoebae	15	5	63	34	25	22	22	0
Other	18	15	19	25	34	14	18	42
Crustaceans	32	0	121	21	10	0	0	0
Flatworms	51	0	45	38	29	14	0	0
Other	5	0	35	32	20	41	12	27
Mites and tic	18	24	40	57	12	13	0	0
Bacteria	27	23	0	0	25	44	7	33
Mites and tic	21	25	24	44	0	0	30	12
Bacteria	19	0	0	0	56	15	35	30
Bacteria	0	0	0	0	31	31	19	74
Bacteria	0	0	0	0	75	54	0	25
Worms	0	71	32	41	0	9	0	0
Bacteria	21	27	47	28	0	14	14	0
Green algae	7	0	5	69	22	23	6	16
Plants	0	0	0	34	69	13	32	0
Bacteria	56	0	74	0	0	0	0	17
Plants	0	0	0	0	0	147	0	0
Rotifers	10	20	32	24	0	25	35	0
Ciliates	33	0	0	0	19	49	11	32
Birds	0	0	142	0	0	0	0	0
Other	22	6	20	17	18	17	21	21
Fungi	26	16	48	29	14	0	0	0
Fungi	13	26	43	50	0	0	0	0
Other	47	31	20	0	11	22	0	0
Bacteria	0	41	0	38	35	16	0	0
Other	14	25	21	42	0	22	0	6
Insects	7	0	7	0	13	9	88	5
Sponges	25	33	16	54	0	0	0	0

Plants	0	0	0	0	0	123	0	0
Plants	0	0	0	0	121	0	0	0
Other	28	0	17	63	12	0	0	0
Bacteria	0	26	43	24	25	0	0	0
Fungi	40	42	35	0	0	0	0	0
Crustaceans	8	0	40	62	5	0	0	0
Insects	37	27	28	11	7	0	0	0
Other	40	7	5	0	12	24	0	21
Plants	0	0	0	0	0	6	54	47
Fungi	0	20	39	43	5	0	0	0
Green algae	0	0	0	0	22	0	30	54
Worms	0	0	0	0	24	0	65	11
Other	0	0	34	31	12	9	7	0
Insects	0	0	18	60	14	0	0	0
Amoebae	42	7	0	5	0	26	0	8
Plants	0	0	0	0	0	84	0	0
Bacteria	0	0	0	0	36	20	11	15
Plants	0	58	0	0	15	9	0	0
Other	10	18	17	30	0	5	0	0
Springtails	0	0	0	0	0	0	80	0
Bacteria	11	0	11	0	0	19	7	30
Molluscs	18	19	11	14	8	8	0	0
Bacteria	34	16	28	0	0	0	0	0
Bacteria	0	0	24	51	0	0	0	0
Bacteria	24	0	30	0	0	12	8	0
Bacteria	5	26	0	0	28	0	14	0
Ciliates	0	69	0	0	0	0	0	0
Diatoms	0	0	0	0	20	49	0	0
Insects	16	17	0	0	0	0	21	14
Plants	0	0	0	0	0	67	0	0
Fungi	9	14	30	14	0	0	0	0
Crustaceans	0	0	0	0	0	12	43	12
Mites and tic	20	13	0	19	14	0	0	0
Heterokont a	0	0	16	30	0	0	0	19
Crustaceans	0	0	0	0	6	0	36	22
Bacteria	17	0	0	14	0	33	0	0
Bacteria	0	0	0	54	10	0	0	0
Green algae	25	5	11	16	5	0	0	0
Bacteria	11	17	24	0	0	7	0	0
Bacteria	0	0	0	0	0	6	7	45
Dinoflagellat	0	14	15	0	0	13	0	15
Green algae	0	11	0	0	17	0	0	29
Fungi	15	12	7	13	0	0	9	0
Bacteria	0	0	0	22	29	5	0	0
Bacteria	0	0	0	0	15	15	0	26
Fungi	24	13	0	0	10	8	0	0
Insects	0	51	0	0	0	0	0	0
Ciliates	0	49	0	0	0	0	0	0
Green algae	27	0	0	0	21	0	0	0
Flatworms	0	0	11	0	0	0	9	28

Fungi	8	0	29	0	10	0	0	0
Ciliates	0	0	0	0	47	0	0	0
Other	0	18	0	0	16	12	0	0
Other	6	11	0	0	9	8	0	11
Spiders	23	8	0	0	0	13	0	0
Other	13	0	31	0	0	0	0	0
Plants	32	0	11	0	0	0	0	0
Cryptomonad	0	0	17	0	11	0	6	7
Fungi	13	8	9	0	11	0	0	0
Amoebae	0	0	12	0	8	19	0	0
Liverworts	7	0	0	0	0	0	0	29
Fungi	0	11	0	0	24	0	0	0
Plants	35	0	0	0	0	0	0	0
Bacteria	0	0	0	0	8	14	13	0
Bacteria	0	0	0	34	0	0	0	0
Bacteria	0	0	12	0	11	6	0	5
Fungi	11	0	0	22	0	0	0	0
Oomycetes	0	33	0	0	0	0	0	0
Mosses	0	0	0	0	0	21	11	0
Flatworms	0	0	0	26	6	0	0	0
Bacteria	9	0	0	8	0	0	15	0
Insects	0	0	10	22	0	0	0	0
Insects	0	0	0	0	0	0	9	22
Bacteria	6	17	0	0	0	0	0	7
Red algae	0	5	0	15	0	9	0	0
Bacteria	29	0	0	0	0	0	0	0
Oomycetes	0	0	0	0	0	0	29	0
Bacteria	10	0	11	0	8	0	0	0
Green algae	0	0	0	28	0	0	0	0
Plants	0	0	0	0	0	28	0	0
Other	0	0	7	21	0	0	0	0
Mites and ticks	0	0	0	0	20	0	0	8
Archaea	0	0	0	0	10	0	17	0
Other	0	0	7	8	12	0	0	0
Insects	0	0	0	0	18	0	0	8
Bacteria	0	0	24	0	0	0	0	0
Bacteria	0	0	0	10	0	14	0	0
Worms	0	0	0	24	0	0	0	0
Bacteria	0	0	12	0	0	5	0	7
Bacteria	0	0	0	9	0	14	0	0
Amoebae	18	0	0	0	0	5	0	0
Insects	0	0	0	23	0	0	0	0
Fungi	0	0	0	0	0	10	7	5
Fungi	0	0	22	0	0	0	0	0
Bacteria	21	0	0	0	0	0	0	0
Bacteria	0	0	0	21	0	0	0	0
Insects	0	0	0	0	0	0	21	0
Fungi	0	0	21	0	0	0	0	0
Bacteria	0	0	0	0	21	0	0	0
Plants	20	0	0	0	0	0	0	0

Bacteria	0	0	0	0	20	0	0	0
Other	0	0	0	8	0	0	12	0
Bacteria	0	0	0	0	0	20	0	0
Fungi	0	0	0	20	0	0	0	0
Green algae	0	0	0	0	0	11	0	8
Plants	0	0	19	0	0	0	0	0
Heterokont a	0	0	6	0	13	0	0	0
Fungi	0	0	18	0	0	0	0	0
Other	0	0	0	0	10	7	0	0
Other	0	0	0	0	17	0	0	0
Other	0	0	0	0	8	0	0	9
Amoebae	6	0	0	0	0	6	0	5
Ciliates	0	16	0	0	0	0	0	0
Bacteria	0	7	0	9	0	0	0	0
Worms	0	0	0	0	0	15	0	0
Heterokont a	0	0	8	0	6	0	0	0
Plants	0	0	0	14	0	0	0	0
Bacteria	0	9	0	0	5	0	0	0
Heterokont a	7	0	0	0	7	0	0	0
Insects	0	0	14	0	0	0	0	0
Bacteria	9	0	5	0	0	0	0	0
Other	0	0	5	9	0	0	0	0
Other	0	0	13	0	0	0	0	0
Fungi	0	0	0	12	0	0	0	0
Other	0	0	0	12	0	0	0	0
Amoebae	5	0	0	7	0	0	0	0
Ciliates	11	0	0	0	0	0	0	0
Insects	0	0	0	0	0	0	11	0
Springtails	0	0	11	0	0	0	0	0
Mites and tic	0	0	0	0	0	0	0	11
Green algae	0	0	11	0	0	0	0	0
Fungi	0	10	0	0	0	0	0	0
Heterokont a	0	0	0	0	10	0	0	0
Other	0	0	0	10	0	0	0	0
Other	0	0	0	0	0	0	0	10
Crustaceans	9	0	0	0	0	0	0	0
Insects	0	0	0	0	0	9	0	0
Green algae	0	8	0	0	0	0	0	0
Flatworms	0	0	8	0	0	0	0	0
Fungi	0	0	0	0	8	0	0	0
Fungi	0	0	8	0	0	0	0	0
Archaea	8	0	0	0	0	0	0	0
Amoebae	0	0	0	0	0	0	0	8
Bacteria	0	0	0	8	0	0	0	0
Insects	0	0	0	0	0	0	7	0
Fungi	0	7	0	0	0	0	0	0
Amoebae	7	0	0	0	0	0	0	0
Springtails	7	0	0	0	0	0	0	0
Bacteria	0	0	0	7	0	0	0	0
Bacteria	0	0	0	0	0	0	0	7

Bacteria	0	0	0	0	0	0	0	6
Cnidarians	0	6	0	0	0	0	0	0
Other	0	0	0	6	0	0	0	0
Dinoflagellat	0	6	0	0	0	0	0	0
Bacteria	0	6	0	0	0	0	0	0
Insects	0	0	0	6	0	0	0	0
Cryptomonac	6	0	0	0	0	0	0	0
Archaea	0	0	0	0	0	0	6	0
Fungi	0	0	0	0	0	0	0	5
Ribbon worm	0	5	0	0	0	0	0	0
Crustaceans	0	5	0	0	0	0	0	0
Diatoms	0	0	0	0	0	5	0	0
Archaea	0	0	0	0	5	0	0	0
Other	0	0	0	0	0	5	0	0