

# Species Distribution Ranking for the ATBI Algae and Bacteria Project

## Organism Group: Algae and Bacteria

<u>Family and Species</u>	<u>Sum Of Sites Where Species Was Found</u>
Gloeodiniaceae <i>Gloeodinium montanum</i> (Flagellate protist)	3
Diadesmidaceae <i>Diadismis contenta</i> f. <i>biceps</i> (Diatom)	3
Pseudanabaenaceae <i>Leptolyngbya appalachiana</i> (Bluegreen Bacteria)	3
Eunotiaceae <i>Eunotia exigua</i> (Diatom)	2
Chlorococcaceae <i>Tetraedron minimum</i> (Green Algae)	2
Cymbellaceae <i>Encyonema neomesianum</i> (Diatom)	2
Chroococcaceae <i>Chroococcus dispersus</i> (Blue-green alga)	2
Diadesmidaceae <i>Diadismis contenta</i> (Diatom)	2
Naviculaceae <i>Decussata placenta</i> (Diatom)	2
Pinnulariaceae <i>Pinnularia species 2</i> (Diatom)	2
Naviculaceae <i>Microcostatus krasskei</i> (Diatom)	2
Pinnulariaceae <i>Pinnularia borealis</i> v. <i>rectangularis</i> (Diatom)	2
Closteriaceae <i>Closterium pygmaeum</i> (Desmid green alga)	2
Eunotiaceae <i>Eunotia validia</i> (Diatom)	2
Phormidiaceae <i>Phormidium papyraceum</i> (Bluegreen Bacteria)	2
Naviculaceae <i>Navicula species 1</i> (Diatom)	2
Closteriaceae <i>Closterium subcucumis</i> (Desmid green alga)	2
Orthoseiraceae <i>Orthoseira roeseana</i> (Diatom)	2
Gomphonemataceae <i>Gomphonema gracile</i> (Diatom)	2
Diadesmidaceae <i>Diadismis species 1</i> (Diatom)	2
Diadesmidaceae <i>Diadismis keeleyi</i> (Diatom)	2
Nostocaceae <i>Nostoc microscopicum</i> (Bluegreen Bacteria)	2
Eunotiaceae <i>Eunotia exigua</i> v. <i>bidens</i> (Diatom)	2
Achnanthidiaceae <i>Achnanthidium appalachianum</i> (Diatom)	2
Gloeocystaceae <i>Gloeocystis vesciculosa</i> (Green alga)	2
Achnanthidiaceae <i>Planothidium lanceolatum</i> (Diatom)	2
Gloeocystaceae <i>Gloeocystis polydermatica</i> (Green Algae)	2
Amphipleuraceae <i>Frustulia species 1</i> (Diatom)	2
Amphipleuraceae <i>Frustulia vulgaris</i> (Diatom)	2
Synechococcaceae <i>Aphanothece saxicola</i> (Bluegreen Bacteria)	2
Bacillariaceae <i>Hantzschia amphioxys</i> v. 1 (Diatom)	2
Scytonemataceae <i>Scytonema species 1</i> (Blue-green alga)	2
Mesotaeniaceae <i>Mesotaenium macrococcum</i> (Green Algae)	2

Family and SpeciesSum Of Sites Where Species Was Found

Mesotaeniaceae Mesotaenium chlamydosporum (Green Algae)	2
Mesotaeniaceae Spirotaenia eboracensis (Filamentous green alga)	2
Mesotaeniaceae Mesotaenium degreyii (Filamentous green alga)	2
Scytonemataceae Scytonema hormoides (Blue-green alga)	2
Eunotiaceae Eunotia yanomami (Diatom)	1
Diadesmidaceae Diadesmis contenta f. parallela (Diatom)	1
Eunotiaceae Eunotia validia v. 1 (Diatom)	1
Fragilariaceae Diatoma hiemala v. mesodon (Diatom)	1
Fragilariaceae Synedra famelica (Diatom)	1
Diadesmidaceae Diadesmis species 2 (Diatom)	1
Diadesmidaceae Luticola saxophila (Diatom)	1
Diploneidaceae Diploneis ovalis (Diatom)	1
Eunotiaceae Eunotia tenella (Diatom)	1
Diploneidaceae Diploneis smithii v. dilatata (Diatom)	1
Fragilariaceae Meridion allensmithii (Diatom)	1
Eunotiaceae Eunotia diodon (Diatom)	1
Fragilariaceae Synedra amphicephala (Diatom)	1
Fragilariaceae Meridion circulare v. constrictum (Diatom)	1
Eunotiaceae Eunotia species 1 (Diatom)	1
Eunotiaceae Eunotia zygodon (Diatom)	1
Eunotiaceae Eunotia exigua v. tridentula (Diatom)	1
Eunotiaceae Eunotia glacialis (Diatom)	1
Eunotiaceae Eunotia monodon (Diatom)	1
Eunotiaceae Eunotia praerupta (Diatom)	1
Fragilariaceae Fragilariaforma virescens v. capitata (Diatom)	1
Fragilariaceae Fragilaria capucina (Diatom)	1
Eunotiaceae Eunotia curtagrunowii (Diatom)	1
Bacillariaceae Nitzschia hantzschiana (Diatom)	1
Cymbellaceae Encyonema minutom (Diatom)	1
Chariaceae Characium species 2 (Green alga)	1
Chariaceae Characium species 1 (Green alga)	1
Chaetophoraceae Diplosphaera chodatii (Green alga)	1
Cavinulaceae Cavinula species 2 (Diatom)	1
Cavinulaceae Cavinula species 1 (Diatom)	1
Cavinulaceae Cavinula lapidosa (Diatom)	1
Bacillariaceae Nitzschia species 2 (Diatom)	1

Family and SpeciesSum Of Sites Where Species Was Found

Chlorococcaceae Trochiscia granulatum (Green alga)	1
Bacillariaceae Nitzschia perminuta (Diatom)	1
Chroococcaceae Chroococcus distans (Bluegreen Bacteria)	1
Bacillariaceae Nitzschia alpina (Diatom)	1
Bacillariaceae Nitzschia acidoclinata (Diatom)	1
Bacillariaceae Hantzschia amphioxys (Diatom)	1
Aulacoseiraceae Aulacoseira alpigena (Diatom)	1
Amphipleuraceae Frustulia rhomboides (Diatom)	1
Acnanthaceae Achnanthes helvetica (Diatom)	1
Achnanthidiaceae Planothidium biporoma (Diatom)	1
Achnanthidiaceae Achnanthidium exiguum v. heterovalva (Diatom)	1
Bacillariaceae Nitzschia species 1 (Diatom)	1
Closteriaceae Closterium speciosum (Desmid green alga)	1
Desmidiaceae Staurastrum capitulum v. 1 (Desmid green alga)	1
Desmidiaceae Actinotaenium species 1 (Desmid green alga)	1
Desmidiaceae Actinotaenium diplosporum v. 1 (Desmid green alga)	1
Cymbellaceae Encyonema vulgare (Diatom)	1
Cymbellaceae Encyonema procerum (Diatom)	1
Cymbellaceae Encyonema minutiforme (Diatom)	1
Merismopediaceae Aphanocapsa species 1 (Blue-green alga)	1
Cyanobacteriaceae Cyanobacterium cedrorum (Bluegreen Bacteria)	1
Chariaceae Characium species 3 (Green alga)	1
Closteriaceae Closterium transitorium (Desmid green alga)	1
Desmidiaceae Staurastrum lanceolatum (Desmid green alga)	1
Closteriaceae Closterium species 1 (Desmid green alga)	1
Closteriaceae Closterium quadratum v. willei (Desmid green alga)	1
Closteriaceae Closterium ochthodes (Desmid green alga)	1
Closteriaceae Closterium obliquum f. tatica (Desmid green alga)	1
Closteriaceae Closterium aphanichondrum (Desmid green alga)	1
Closteriaceae Closterium abbreviatum (Desmid green alga)	1
Chroococcales_family Chlamydocapsa species 1 (Blue-green alga)	1
Chroococcaceae Chroococcus tenax (Bluegreen Bacteria)	1
Cocconeidaceae Cocconeis placentula v. lineata (Diatom)	1
Pinnulariaceae Caloneis species 3 (Diatom)	1
Merismopediaceae Aphanocapsa fusco-lutea (Bluegreen Bacteria)	1
Pseudanabaenaceae Leptolyngbya species 8 (Blue-green alga)	1

Family and SpeciesSum Of Sites Where Species Was Found

Pseudanabaenaceae Leptolyngbya nonconstricta (Blue-green alga)	1
Pseudanabaenaceae Leptolyngbya badia (Bluegreen Bacteria)	1
Pseudanabaenaceae Leptolyngbya angustissima (Bluegreen Bacteria)	1
Pinnulariaceae Pinnularia viridis (Diatom)	1
Pinnulariaceae Pinnularia stomatophora (Diatom)	1
Pinnulariaceae Pinnularia species 1 (Diatom)	1
Pseudanabaenaceae Leptolyngbya subtilissima (Blue-green alga)	1
Pinnulariaceae Pinnularia angusta (Diatom)	1
Pseudanabaenaceae Spirulina albida (Bluegreen Bacteria)	1
Pinnulariaceae Caloneis species 2 (Diatom)	1
Pinnulariaceae Caloneis species 1 (Diatom)	1
Pinnulariaceae Caloneis lauta (Diatom)	1
Phaeothamnaiceae Schizochlamydeella minutissima (Chrysoomonads)	1
Palmellaceae Palmellopsis muralis (Green Algae)	1
Oscillatoriales_family Komvophoron species 1 (Blue-green alga)	1
Oscillatoriaceae Oscillatoria rupicola (Bluegreen Bacteria)	1
Oscillatoriaceae Oscillatoria chalybea (Blue-green alga)	1
Pinnulariaceae Pinnularia borealis (Diatom)	1
Stauroneidaceae Stauroneis anceps (Diatom)	1
Tribonemataceae Tribonema vulgare (Yellow-green alga)	1
Tribonemataceae Tribonema species 1 (Alga)	1
Tabellariaceae Tetracyclus rupestris (Diatom)	1
Synechococcaceae Gloeotheca tepidariorum (Bluegreen Bacteria)	1
Synechococcaceae Gloeotheca palea (Bluegreen Bacteria)	1
Synechococcaceae Gloeotheca heufleri (Blue-green alga)	1
Synechococcaceae Gloeotheca fusco-lutea (Bluegreen Bacteria)	1
Synechococcaceae Aphanothece castognei (Blue-green alga)	1
Pseudanabaenaceae Leptolyngbya species 9 (Blue-green alga)	1
Surirellaceae Stenopterobia species 1 (Diatom)	1
Nostocaceae Trichormus species 2 (Blue-green alga)	1
Sellaphoraceae Sellaphora species 2 (Diatom)	1
Sellaphoraceae Sellaphora species 1 (Diatom)	1
Scytonemataceae Scytonema hyalinum (Blue-green alga)	1
Scenedesmaceae Scotiellopsis species 1 (Green alga)	1
Scenedesmaceae Scotiellopsis levecostatum (Green alga)	1
Scenedesmaceae Follicularia botryoides (Green Algae)	1

Family and SpeciesSum Of Sites Where Species Was Found

Rivulariaceae Calothrix species 1 (Blue-green alga)	1
Rivulariaceae Calothrix braunii (Bluegreen Bacteria)	1
Surirellaceae Stenopterobia species 2 (Diatom)	1
Mesotaeniaceae Mesotaenium caldariorum (Filamentous green alga)	1
Naviculaceae Navicula hassiaca (Diatom)	1
Naviculaceae Navicula hambergii (Diatom)	1
Naviculaceae Navicula decussis (Diatom)	1
Microcystaceae Gloeocapsa punctata (Bluegreen Bacteria)	1
Microcystaceae Gloeocapsa decorticans (Bluegreen Bacteria)	1
Microcystaceae Gloeocapsa caldariorum (Bluegreen Bacteria)	1
Microcystaceae Gloeocapsa atrata (Bluegreen Bacteria)	1
Microchaetaceae Microchaete species 2 (Blue-green alga)	1
Orthoseiraceae Orthoseira spinosa (Diatom)	1
Mesotaeniaceae Spirotaenia minuta (Green Algae)	1
Naviculaceae Navicula seminulum (Diatom)	1
Zygnemataceae Mougeotia species 1 (Green Algae)	1
Merismopediaceae Aphanocapsa musicola (Blue-green alga)	1
Melosiraceae Melosira dickiei (Diatom)	1
Klebsormidiaceae Klebsormidium nitens (Green Algae)	1
Hyellaceae Pleurocapsa minor (Bluegreen Bacteria)	1
Gomphonemataceae Gomphonema subclavatum v. commutatum (Diatom)	1
Gomphonemataceae Gomphonema parvulum v. 1 (Diatom)	1
Gomphonemataceae Gomphonema micropus (Diatom)	1
Microchaetaceae Microchaete species 1 (name not available)	1
Nostocaceae Camptylonemopsis species 1 (Blue-green alga)	1
Gomphonemataceae Gomphonema angustatum (Diatom)	1
Nostocaceae Trichormus species 1 (Blue-green alga)	1
Nostocaceae Nostoc species 2 (Blue-green alga)	1
Nostocaceae Nostoc species 1 (Blue-green alga)	1
Nostocaceae Nostoc punctiforme (Bluegreen Bacteria)	1
Nostocaceae Nostoc humifusum (Bluegreen Bacteria)	1
Nostocaceae Nodularia harveyana (Bluegreen Bacteria)	1
Nostocaceae Hapalosiphon species 1 (Blue-green alga)	1
Naviculaceae Navicula keeleyi (Diatom)	1
Nostocaceae Cylandrospermum species 1 (Blue-green alga)	1

Family and SpeciesSum Of Sites Where Species Was Found

Naviculaceae Navicula minima (Diatom)	1
Nostocaceae Anabaena variabilis (Blue-green alga)	1
Nostocaceae Anabaena species 4 (Blue-green alga)	1
Nostocaceae Anabaena species 3 (Blue-green alga)	1
Nostocaceae Anabaena species 2 (Blue-green alga)	1
Nostocaceae Anabaena species 1 (Blue-green alga)	1
Nostocaceae Anabaena constricta (Blue-green alga)	1
Naviculaceae Navicula tantula (Diatom)	1
Naviculaceae Navicula subdecussis (Diatom)	1
Orthoseiraceae Orthoseira dendroteres (Diatom)	1
Nostocaceae Hapalosiphon fontinalis v. fischeroides (Blue-green alga)	1
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<b>Total Number of Sites Sampled:</b>	<b>4</b>