

Taxonomy for the Soil Myxos and Algae Project

Organism Group: Soil Slime Molds and Algae

Family	Genus	Epithet + Subspecies + Author	(Common Name)	Site Count
Aceraceae				
	Acer	rubrum (Red maple)		3
		saccharum (Sugar maple)		3
Actinochloridaceae				
	Actinochloris	sphaerica (Green Algae)		1
Annonaceae				
	Asimina	species (Paw-paw species)		1
Arcyriaceae				
	Arcyria	denudata - (L.) Wettst. - (Slime mold)		3
		cinerea - (Bull.) Pers. 1801 - (Slime mold)		7
Betulaceae				
	Betula	lenta (Black birch)		2
		alleghaniensis - Britton - (Yellow birch)		1
Chlorococcaceae				
	Chlorococcum	humicola (Green Algae)		3
Chlorosarcinaceae				
	Chlorosarcina	brevispinosa (Green Algae)		1
Chroococcaceae				
	Asterocapsa	divina - Kom. - (Bluegreen Bacteria)		4
	Chroococcus	pallidus - (Nägeli) Nägeli - (Bluegreen Bacteria)		1
		rufescens - (Kützing) Nägeli 1849 - (Bluegreen Bacteria)		6
		varius - A. Br. - (Bluegreen Bacteria)		4
		bituminosus - (Bory) Hansgirg 1892 - (Bluegreen Bacteria)		3
		turgidus - (Kützing) Nägeli - (Bluegreen Bacteria)		2
	Dactylococcopsis	fascicularis - Cologne-Wahn, moor May 2003 - (Bluegreen Bacteria)		2
	Gleocapsa	biromis (Bluegreen Bacteria)		4
	Gloeocapsopsis	pleurocapsoides - (Novacek) Kom. & Anagn. - (Bluegreen Bacteria)		4

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Chroococcales				
	Synechocystis	aquaticus - Sauvageau -	(Bluegreen Bacteria)	1
Cyanobacteriaceae				
	Hormotheca	rupestris - Jao, 1944 -	(Bluegreen Bacteria)	2
Dictyosteliaceae				
	Ceratiomyxa	fruticulosa - (Mull.) Mac. -	(Slime mold)	2
Ericaceae				
	Oxydendrum	arboreum	(Sourwood)	2
	Rhododendron	species	(Rhododendron species)	1
Fagaceae				
	Fagus	grandifolia	(American beech)	2
	Quercus	species	(Oak species)	2
		velutina	(Black oak)	2
		falcata	(Southern red oak)	1
Hapalosiphonaceae				
	Nostochopsis	radians - Bharadwaja -	(Bluegreen Bacteria)	1
Hippocastanaceae				
	Aesculus	species	(Buckeye species)	1
Hyellaceae				
	Pleurocapsa	concharum - Hansgirg -	(Bluegreen Bacteria)	1
Lauraceae				
	Lindera	benzoin	(Spicebush)	1
Magnoliaceae				
	Liriodendron	tulipifera	(Tuliptree, yellow poplar)	3
Merismopediaceae				
	Aphanocapsa	fusco-lutea - Hansg. -	(Bluegreen Bacteria)	2
		grevillei - (Berkeley) Rabenhorst -	(Bluegreen Bacteria)	1
		biformis - A. Braun -	(Bluegreen Bacteria)	5
Nostocaceae				

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	Nostoc			
		muscorum - C. Agardh -	(Bluegreen Bacteria)	1
		calicola - Brébisson -	(Bluegreen Bacteria)	1
Oedogoniaceae				
	Oedogonium			
		sp1	(Green Algae)	2
Oleaceae				
	Fraxinus			
		americana	(White ash)	1
Oocystaceae				
	Oocystis			
		pusilla	(Green Algae)	1
Phormidiaceae				
	Symploca			
		muscorum - Gomont -	(Bluegreen Bacteria)	1
Pinaceae				
	Abies			
		fraseri	(Frasier fir)	1
	Picea			
		rubens	(Red spruce)	2
	Pinus			
		strobus	(White pine)	1
	Tsuga			
		canadensis	(Eastern hemlock)	1
Pseudanabaenaceae				
	Jaaginema			
		keutzingianum - Kützing -	(Bluegreen Bacteria)	1
	Leptolyngbya			
		foveolarum - (Rabenhorst ex Gom.) Anagn. & Komárek -	(Bluegreen Bacteria)	8
Rosaceae				
	Amelanchier			
		species	(Shadbush species)	1
	Prunus			
		serotina	(Black cherry)	1
Scenedesmaceae				
	Scenedesmus			
		ecornis - (Ehr.) Chodat -	(Green Algae)	1
Stemonitidaceae				
	Comatricha			
		longipila - Nann. -Bremek -	(Slime mold)	1
		sp A	(Slime mold)	1
	Lamproderma			
		sp	(Slime mold)	1

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	Stemonitis			
		herbatica - Peck - (Slime mold)		1
	Synechococcaceae			
	Aphanothece			
		saxicola - Nägeli - (Bluegreen Bacteria)		4
		caldariorum - P.G. Richter - (Bluegreen Bacteria)		3
		minutissima - (W. West) J. Komárková-Legnerová & G. Cronberg - (Bluegreen Bacteria)		2
	Rhabdoderma			
		compositum - (G.M. Smith) Fedorov - (Bluegreen Bacteria)		1
	Rhabdogloea			
		ellipsoides (Bluegreen Bacteria)		2
		hungarica - (Kol) Hindák - (Bluegreen Bacteria)		1
		lineare (Bluegreen Bacteria)		1
	Synechococcus			
		elongatus - (Nägeli) Nägeli - (Bluegreen Bacteria)		6
		primigenia - Gardner - (Bluegreen Bacteria)		1
	Tiliaceae			
	Tilia			
		americana (American basswood)		1
	Trebouxiaceae			
	Myrmecia.Plantae			
		globosa (Green Algae)		2
	Trichiaceae			
	Cribraria			
		microcarpa - (Schrad.) Pers. - (Slime mold)		3
	Trichia			
		erecta - Rex - (Slime mold)		1
		decipiens - (Pers.) T. Macbr. - (Slime mold)		3
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(Where '_genus', and/or 'species' appears, it means that specimens representing this taxon could not be identified to a lower taxonomic level due to one or more of the following issues: specimens are immature, incomplete, poorly oriented for examination, and/or that additional specimens or methodologies are needed to resolve morphological ambiguities.)