

Myxomycetes (slime moulds) in NMW



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Introduction

Myxomycetes (true or plasmodial slime moulds) belong to the Eumycetozoa, within the Amoebozoa, a group of eukaryotes that are basal to a clade containing animals and fungi. Thus although they have traditionally been studied by mycologists they are distant from the true fungi.

The feeding stage is a multinucleate motile mass known as a plasmodium. The fruiting stage is a dry, fungus-like structure containing abundant spores.

The current standard work for identification of the British species is:

Ing, B. (1999) *The Myxomycetes of Britain and Ireland. An Identification Handbook*. Slough: Richmond Publishing Co. Ltd.

Curation

Mature fruiting bodies of myxomycetes can be collected and dried, and with few exceptions (such as *Ceratiomyxa*) they preserve well. Plasmodia cannot be preserved, but it is useful to record the colour if possible. Semi-mature fruiting bodies may continue to mature if collected with the substrate and kept in a cool moist chamber. Collected plasmodia are unlikely to fruit.

Specimens should be stored in boxes to prevent crushing; labels should not be allowed to touch the specimen. Ideally, specimens should be stored horizontally and protected from vibration and shock.

In NMW, specimens are stored in alphabetical order of the accepted name. Since drawers do not currently contain guide cards, the following lists should be consulted to determine the correct name of a specimen.

The collection currently contains 157 species. Specimens are mostly from Great Britain, with a few from other parts of Europe or from North America.

Nomenclature

Accepted names follow *nomen.eumycetozoa.com* [<http://eumycetozoa.com/data/index.php>], a searchable online database of slime mould names. The names used are largely in line with Ing (1999).

Two lists follow:

1. a list of accepted names of taxa present in NMW.
2. a list of names present on specimens in NMW, with the corresponding currently accepted name.

TABLE 1. List of species in NMW

Region: W = Wales, E = England, S = Scotland, Eur = other Europe, ex-Eur = extra-European regions

Accepted name	Region		
<i>Amaurochaete atra</i> (Alb. & Schwein.) Rostaf.		E	
<i>Arcyria cinerea</i> (Bull.) Pers.	W	E	
<i>Arcyria denudata</i> (L.) Wettst.	W	E	
<i>Arcyria globosa</i> Schwein.			ex-Eur
<i>Arcyria incarnata</i> (Pers. ex J.F. Gmel.) Pers.		E	ex-Eur
<i>Arcyria minuta</i> Buchet		E	
<i>Arcyria obvelata</i> (Oeder) Onsberg	W	E	ex-Eur
<i>Arcyria oerstedii</i> Rostaf.	W	E	
<i>Arcyria pomiformis</i> (Leers) Rostaf.		E	
<i>Badhamia foliicola</i> Lister		E	
<i>Badhamia lilacina</i> (Fr.) Rostaf.			S
<i>Badhamia macrocarpa</i> (Ces.) Rostaf.	W	E	ex-Eur
<i>Badhamia nitens</i> Berk.		E	
<i>Badhamia ovispora</i> Racib.		E	
<i>Badhamia panicea</i> (Fr.) Rostaf.	W	E	Eur
<i>Badhamia populina</i> Lister & G. Lister		E	
<i>Badhamia utricularis</i> (Bull.) Berk.	W	E	
<i>Badhamia versicolor</i> Lister			S
<i>Brefeldia maxima</i> (Fr.) Rostaf.	W	E	
<i>Calomyxa metallica</i> (Berk.) Nieuwl.		E	
<i>Ceratiomyxa fruticulosa</i> (O.F. Müll.) T. Macbr.	W	E	ex-Eur
<i>Clastoderma debaryanum</i> A. Blytt			ex-Eur
<i>Collaria arcyrionema</i> (Rostaf.) Nann.-Bremek. ex Lado			ex-Eur
<i>Collaria lurida</i> (Lister) Nann.-Bremek.		E	
<i>Collaria rubens</i> (Lister) Nann.-Bremek.		E	
<i>Colloderma oculatum</i> (C. Lippert) G. Lister		E	
<i>Comatricha alta</i> Preuss	W		
<i>Comatricha nigra</i> Pers. ex J.F. Gmel.) J. Schröt.	W	E	
<i>Comatricha pulchella</i> (C. Bab.) Rostaf.		E	
<i>Craterium aureum</i> (Schumach.) Rostaf.		E	
<i>Craterium dictyosporum</i> (Rostaf.) H. Neubert, Nowotny & K. Baumann		E	
<i>Craterium leucocephalum</i> (Pers. ex J.F. Gmel.) Ditmar	W	E	Eur

Craterium minutum (Leers) Fr.	W	E		
Craterium muscorum Ing		E		
Craterium obovatum Peck	W	E		ex-Eur
Cribraria argillacea (Pers. ex J.F. Gmel.) Pers.	W	E		
Cribraria aurantiaca Schrad.	W	E		
Cribraria cancellata (Batsch) Nann.-Bremek	W	E		ex-Eur
Cribraria intricata Schrad.				ex-Eur
Cribraria languescens Rex				ex-Eur
Cribraria macrocarpa Schrad.	W		S	
Cribraria piriformis Schrad.		E	S	
Cribraria rufa (Roth) Rostaf.	W	E		
Cribraria violacea Rex		E		Eur
Cribraria vulgaris Schrad.	W			
Diachea leucopodia (Bull.) Rostaf.		E		ex-Eur
Diachea subsessilis Peck				
Dianema depressum (Lister) Lister		E		
Dictydiaethalium plumbeum (Schumach.) Rostaf.	W	E		ex-Eur
Diderma asteroides (Lister & G. Lister) G. Lister			S	
Diderma deplanatum Fr.		E		
Diderma effusum (Schwein.) Morgan	W	E		ex-Eur
Diderma floriforme (Bull.) Pers.		E		
Diderma hemisphaericum (Bull.) Hornem.	W	E		
Diderma lucidum Berk. & Broome	W			
Diderma ochraceum Hoffm.	W			
Diderma radiatum (L.) Morgan		E		
Diderma simplex (J. Schröt.) G. Lister		E		
Diderma spumarioides (Fr.) Fr.		E		
Diderma testaceum (Schrad.) Pers.		E		ex-Eur
Didymium bahiense Gottsb.		E		Eur
Didymium clavus (Alb. & Schwein.) Rabenh.		E		
Didymium crustaceum Fr.	W	E		
Didymium difforme (Pers.) Gray		E		
Didymium dubium Rostaf.		E		
Didymium iridis (Ditmar) Fr.				
Didymium listeri Massee	W			
Didymium melanospermum (Pers.) T.Macbr.	W	E		Eur
Didymium nigripes (Link) Fr.		E		
Didymium serpula Fr.		E		

Didymium squamulosum (Alb. & Schwein.) Fr. & Palmquist	W	E			
Didymium vaccinum (Durieu & Mont.) Buchet		E			
Enerthenema papillatum (Pers.) Rostaf.		E			
Fuligo cinerea (Schwein.) Morgan		E			
Fuligo intermedia T.Macbr.		E			
Fuligo muscorum Alb. & Schwein.	W	E	S		
Fuligo septica (L.) F.H. Wigg.	W	E		Eur	ex-Eur
Hemitrichia calyculata (Speg.) M.L. Farr	W				
Hemitrichia clavata (Pers.) Rostaf.	W	E			ex-Eur
Hemitrichia serpula (Scop.) Rostaf. ex Lister					ex-Eur
Lamproderma arcyrioides (Sommerf.) Rostaf.		E			
Lamproderma columbinum (Pers.) Rostaf.	W	E			
Lamproderma echinulatum (Berk.) Rostaf.			S		
Lamproderma scintillans (Berk. & Broome) Morgan		E			
Leocarpus fragilis (Dicks.) Rostaf.	W	E			ex-Eur
Lepidoderma chaillietii Rostaf.		E			
Lepidoderma tigrinum (Schrad.) Rostaf.	W				
Lepidoderma trevelyanii (Grev.) Poulain & Mar.Mey.	W	E			
Leptoderma iridescens G. Lister		E			
Licea biforis Morgan	W	E			
Licea castanea G. Lister					
Licea erddigensis	W				
Licea minima Fr.		E		Eur	
Licea operculata (Wingate) G.W.Martin			S		
Licea parasitica (Zukal) G.W. Martin	W				
Licea pusilla Schrad.			S		
Licea variabilis Schrad.		E			
Lindbladia tubulina Fr.	W	E			
Lycogala epidendrum (L.) Fr.	W	E		Eur	ex-Eur
Lycogala exiguum Morgan	W				
Lycogala flavofuscum (Ehrenb.) Rostaf.					ex-Eur
Metatrichia floriformis (Schwein.) Nann.-Bremek.	W				
Metatrichia vesparia (Batsch) Nann.-Bremek. ex G.W. Martin & Alexop.	W	E			
Mucilago crustacea F.H.Wigg.	W	E		Eur	ex-Eur
Oligonema schweinitzii (Berk.) G.W. Martin		E			
Perichaena corticalis (Batsch) Rostaf.	W	E			
Perichaena depressa Lib.	W	E			
Perichaena vermicularis (Schwein.) Rostaf.	W				
Physarella oblonga (Berk. & M.A. Curtis) Morgan					ex-Eur

Physarum album (Bull.) Chevall.	W	E		
Physarum bitectum G. Lister		E		
Physarum bivalve Pers.		E	Eur	ex-Eur
Physarum carneum G. Lister & Sturgis		E		
Physarum cinereum (Batsch) Pers.	W	E	Eur	ex-Eur
Physarum citrinum Schumach.		E		
Physarum compressum Alb. & Schwein.		E		
Physarum contextum (Pers.) Pers.		E		ex-Eur
Physarum didermoides (Pers.) Rostaf.		E		
Physarum globuliferum (Bull.) Pers.				ex-Eur
Physarum gyrosum Rostaf.		E		
Physarum leucophaeum Fr. & Palmquist	W			ex-Eur
Physarum leucopus Link		E		
Physarum murinum Lister	W			
Physarum mutabile (Rostaf.) G. Lister		E		
Physarum psittacinum Ditmar	W			
Physarum pusillum (Berk. & M.A. Curtis) G. Lister	W	E		
Physarum schroeteri Rostaf.		E		
Physarum straminipes Lister		E		
Physarum vernum Sommerf.	W	E		
Physarum virescens Ditmar		E		
Physarum viride (Bull.) Pers.		E		ex-Eur
Prototrichia metallica (Berk.) Masee		E		
Reticularia jurana Meyl.	W	E		
Reticularia lycoperdon Bull.	W	E		
Reticularia olivacea (Ehrenb.) Fr.		E		
Reticularia olivacea (Ehrenb.) Fr.		E		
Stemonaria irregularis (Rex) Nann.-Bremek., R.Sharma & Y.Yamam.				ex-Eur
Stemonitis axifera (Bull.) T. Macbr.		E		ex-Eur
Stemonitis axifera (Bull.) T.Macbr.				ex-Eur
Stemonitis flavogenita E. Jahn	W	E		
Stemonitis fusca Roth	W	E		
Stemonitis splendens Rostaf.	W			ex-Eur
Stemonitopsis typhina (F.H.Wigg.) Nann.-Bremek.	W	E		ex-Eur
Stemonitopsis typhina (F.H.Wigg.) Nann.-Bremek.	W			
Symphytocarpus amaurochaetoides Nann.-Bremek.	W			
Symphytocarpus flaccidus (Lister) Ing & Nann.-Bremek.	W	E		
Symphytocarpus herbaticus Ing	W			

Symphytocarpus trechisporus (Berk. ex Torrend) Nann.-Bremek.				ex-Eur
Trichia affinis de Bary	W	E		
Trichia botrytis (J.F. Gmel.) Pers.	W	E		
Trichia contorta (Ditmar) Rostaf.		E		
Trichia decipiens (Pers.) T. Macbr.	W	E	Eur	ex-Eur
Trichia favoginea (Batsch) Pers.		E	Eur	ex-Eur
Trichia persimilis P. Karst.	W	E		ex-Eur
Trichia scabra Rostaf.	W	E		ex-Eur
Trichia varia (Pers. ex J.F. Gmel.) Pers.	W	E		ex-Eur
Trichia verrucosa Berk.	W	E		
Tubifera ferruginosa (Batsch) J.F. Gmel.	W	E	Eur	ex-Eur

TABLE 2. List of names used in NMW, with currently accepted names

Name used on specimen	Accepted name
<i>Amaurochaete fuliginosa</i>	<i>Amaurochaete atra</i> (Alb. & Schwein.) Rostaf.
<i>Arcyria carnea</i>	<i>Arcyria minuta</i> Buchet
<i>Arcyria cinerea</i>	<i>Arcyria cinerea</i> (Bull.) Pers.
<i>Arcyria denudata</i>	<i>Arcyria denudata</i> (L.) Wettst.
<i>Arcyria fulgens</i>	?
<i>Arcyria globosa</i>	<i>Arcyria globosa</i> Schwein.
<i>Arcyria incarnata</i>	<i>Arcyria incarnata</i> (Pers. ex J.F. Gmel.) Pers.
<i>Arcyria nutans</i>	<i>Arcyria obvelata</i> (Oeder) Onsberg
<i>Arcyria oerstedtii</i>	<i>Arcyria oerstedtii</i> Rostaf.
<i>Arcyria pomiformis</i>	<i>Arcyria pomiformis</i> (Leers) Rostaf.
<i>Badhamia foliicola</i>	<i>Badhamia foliicola</i> Lister
<i>Badhamia lilacina</i>	<i>Badhamia lilacina</i> (Fr.) Rostaf.
<i>Badhamia macrocarpa</i>	<i>Badhamia macrocarpa</i> (Ces.) Rostaf.
<i>Badhamia nitens</i>	<i>Badhamia nitens</i> Berk.
<i>Badhamia obovata</i>	<i>Craterium obovatum</i> Peck
<i>Badhamia ovispora</i>	<i>Badhamia ovispora</i> Racib.
<i>Badhamia panicea</i>	<i>Badhamia panicea</i> (Fr.) Rostaf.
<i>Badhamia populina</i>	<i>Badhamia populina</i> Lister & G. Lister
<i>Badhamia rubiginosa</i>	<i>Craterium obovatum</i> Peck
<i>Badhamia rubiginosa</i> var. <i>globosa</i>	<i>Craterium muscorum</i> Ing
<i>Badhamia rubiginosa</i> var. <i>dictyospora</i>	<i>Craterium dictyosporum</i> (Rostaf.) H. Neubert, Nowotny & K. Baumann
<i>Badhamia utricularis</i>	<i>Badhamia utricularis</i> (Bull.) Berk.
<i>Badhamia versicolor</i>	<i>Badhamia versicolor</i> Lister
<i>Brefeldia maxima</i>	<i>Brefeldia maxima</i> (Fr.) Rostaf.
<i>Calomyxa metallica</i>	<i>Calomyxa metallica</i> (Berk.) Nieuwl.
<i>Ceratiomyxa fruticulosa</i>	<i>Ceratiomyxa fruticulosa</i> (O.F. Müll.) T. Macbr.
<i>Ceratiomyxa fruticulosa</i> var. <i>porioides</i>	<i>Ceratiomyxa fruticulosa</i> (O.F. Müll.) T. Macbr.
<i>Clastoderma debaryanum</i>	<i>Clastoderma debaryanum</i> A. Blytt
<i>Collaria arcyronema</i>	<i>Collaria arcyronema</i> (Rostaf.) Nann.-Bremek. ex Lado
<i>Collaria lurida</i>	<i>Collaria lurida</i> (Lister) Nann.-Bremek.
<i>Collaria rubens</i>	<i>Collaria rubens</i> (Lister) Nann.-Bremek.
<i>Colloderma oculatum</i>	<i>Colloderma oculatum</i> (C. Lippert) G. Lister
<i>Comatricha alta</i>	<i>Comatricha alta</i> Preuss
<i>Comatricha flaccida</i>	<i>Symphytocarpus flaccidus</i> (Lister) Ing & Nann.-Bremek.
<i>Comatricha hyperopta</i>	invalid or doubtful name
<i>Comatricha irregularis</i>	<i>Stemonaria irregularis</i> (Rex) Nann.-Bremek., R. Sharma & Y. Yamam.
<i>Comatricha lurida</i>	<i>Collaria lurida</i> (Lister) Nann.-Bremek.
<i>Comatricha nigra</i>	<i>Comatricha nigra</i> Pers. ex J.F. Gmel.) J. Schröt.

Comatricha pulchella	Comatricha pulchella (C. Bab.) Rostaf.
Comatricha pulchella var. fusca	Comatricha pulchella(C.Bab.) Rostaf.
Comatricha typhoides	Stemonitopsis typhina (F.H.Wigg.) Nann.-Bremek.
Craterium aureum	Craterium aureum (Schumach.) Rostaf.
Craterium leucocephalum	Craterium leucocephalum (Pers. ex J.F. Gmel.) Ditmar
Craterium minutum	Craterium minutum (Leers) Fr.
Cribraria argillacea	Cribraria argillacea (Pers. ex J.F. Gmel.) Pers.
Cribraria aurantiaca	Cribraria aurantiaca Schrad.
Cribraria cancellata	Cribraria cancellata (Batsch) Nann.-Bremek
Cribraria cancellata var. fusca	Cribraria cancellata (Batsch) Nann.-Bremek
Cribraria dictyoides	Cribraria intricata Schrad.
Cribraria languescens	Cribraria languescens Rex
Cribraria macrocarpa	Cribraria macrocarpa Schrad.
Cribraria piriformis	Cribraria piriformis Schrad.
Cribraria piriformis var. notabilis	Cribraria piriformis Schrad.
Cribraria rufa	Cribraria rufa (Roth) Rostaf.
Cribraria violacea	Cribraria violacea Rex
Cribraria vulgaris	Cribraria vulgaris Schrad.
Diachea leucopodia	Diachea leucopodia (Bull.) Rostaf.
Diachea subsessilis	Diachea subsessilis Peck
Dianema depressum	Dianema depressum (Lister) Lister
Dictydiaethalium plumbeum	Dictydiaethalium plumbeum (Schumach.) Rostaf.
Diderma asteroides	Diderma asteroides (Lister & G. Lister) G. Lister
Diderma deplanatum	Diderma deplanatum Fr.
Diderma effusum	Diderma effusum (Schwein.) Morgan
Diderma floriforme	Diderma floriforme (Bull.) Pers.
Diderma hemisphaericum	Diderma hemisphaericum (Bull.) Hornem.
Diderma lucidum	Diderma lucidum Berk. & Broome
Diderma ochraceum	Diderma ochraceum Hoffm.
Diderma radiatum	Diderma radiatum (L.) Morgan
Diderma simplex	Diderma simplex (J. Schröt.) G. Lister
Diderma spumarioides	Diderma spumarioides (Fr.) Fr.
Diderma testaceum	Diderma testaceum (Schrad.) Pers.
Diderma trevelyani	Lepidoderma trevelyanii (Grev.) Poulain & Mar.Mey.
Didymium bahiense	Didymium bahiense Gottsb.
Didymium clavus	Didymium clavus (Alb. & Schwein.) Rabenh.
Didymium crustaceum	Didymium crustaceum Fr.
Didymium difforme	Didymium difforme (Pers.) Gray
Didymium dubium	Didymium dubium Rostaf.
Didymium farinaceum	Didymium melanospermum (Pers.) T.Macbr.
Didymium listeri	Didymium listeri Masee
Didymium melanospermum	Didymium melanospermum (Pers.) T.Macbr.
Didymium nigripes	Didymium nigripes (Link) Fr.
Didymium nigripes var. xanthopus	Didymium iridis (Ditmar) Fr.
Didymium serpula	Didymium serpula Fr.
Didymium squamulosum	Didymium squamulosum (Alb. & Schwein.) Fr. & Palmquist

Didymium trochus	Didymium vaccinum (Durieu & Mont.) Buchet
Didymium vaccinum	Didymium vaccinum (Durieu & Mont.) Buchet
Enerthenema papillatum	Enerthenema papillatum (Pers.) Rostaf.
Enteridium olivaceum	Reticularia olivacea (Ehrenb.) Fr.
Fuligo cinerea	Fuligo cinerea (Schwein.) Morgan
Fuligo cinerea var. ecorticata	Fuligo intermedia T.Macbr.
Fuligo muscorum	Fuligo muscorum Alb. & Schwein.
Fuligo septica	Fuligo septica (L.) F.H. Wigg.
Fuligo septica var. candida	Fuligo septica (L.) F.H.Wigg.
Fuligo septica var. rufa	Fuligo septica (L.) F.H.Wigg.
Hemitrichia calyculata	Hemitrichia calyculata (Speg.) M.L. Farr
Hemitrichia clavata	Hemitrichia clavata (Pers.) Rostaf.
Hemitrichia serpula	Hemitrichia serpula (Scop.) Rostaf. ex Lister
Hemitrichia vesparium	Metatrichia vesparia (Batsch) Nann.-Bremek. ex G.W.Martin & Alexop.
Lamproderma acyrioides	Lamproderma acyrioides (Sommerf.) Rostaf.
Lamproderma columbinum	Lamproderma columbinum (Pers.) Rostaf.
Lamproderma echinulatum	Lamproderma echinulatum (Berk.) Rostaf.
Lamproderma scintillans	Lamproderma scintillans (Berk. & Broome) Morgan
Lamproderma violaceum	Lamproderma acyrioides (Sommerf.) Rostaf.
Leocarpus fragilis	Leocarpus fragilis (Dicks.) Rostaf.
Lepidoderma chailletii	Lepidoderma chailletii Rostaf.
Lepidoderma tigrinum	Lepidoderma tigrinum (Schrad.) Rostaf.
Leptoderma iridescens	Leptoderma iridescens G. Lister
Leucocarpus vernicosus	Leocarpus fragilis (Dicks.) Rostaf.
Licea biforis	Licea biforis Morgan
Licea castanea	Licea castanea G. Lister
Licea erddigensis	Licea erddigensis Ing
Licea flexuosa	Licea variabilis Schrad.
Licea minima	Licea minima Fr.
Licea parasitica	Licea parasitica (Zukal) G.W. Martin
Licea pusilla	Licea pusilla Schrad.
Licea sinuosa	Licea biforis Morgan
Licea variabilis	Licea variabilis Schrad.
Lindbladia effusa	Lindbladia tubulina Fr.
Lycogala epidendrum	Lycogala epidendrum (L.) Fr.
Lycogala exiguum	Lycogala exiguum Morgan
Lycogala flavofuscum	Lycogala flavofuscum (Ehrenb.) Rostaf.
Lycogala terrestre	Lycogala epidendrum (L.) Fr.
Metatrichia floriformis	Metatrichia floriformis (Schwein.) Nann.-Bremek.
Metatrichia vesparium	Metatrichia vesparia (Batsch) Nann.-Bremek. ex G.W. Martin & Alexop.
Mucilago spongiosa	Mucilago crustacea F.H.Wigg.
Oligonema schweinitzii	Oligonema schweinitzii (Berk.) G.W. Martin
Orcadella operculata	Licea operculata (Wingate) G.W.Martin
Perichaena corticalis	Perichaena corticalis (Batsch) Rostaf.
Perichaena depressa	Perichaena depressa Lib.
Perichaena strobilina	invalid or doubtful name

<i>Perichaena vermicularis</i>	<i>Perichaena vermicularis</i> (Schwein.) Rostaf.
<i>Physarella oblonga</i>	<i>Physarella oblonga</i> (Berk. & M.A. Curtis) Morgan
<i>Physarum bitectum</i>	<i>Physarum bitectum</i> G. Lister
<i>Physarum bivalve</i>	<i>Physarum bivalve</i> Pers.
<i>Physarum carneum</i>	<i>Physarum carneum</i> G. Lister & Sturgis
<i>Physarum cinereum</i>	<i>Physarum cinereum</i> (Batsch) Pers.
<i>Physarum citrinum</i>	<i>Physarum citrinum</i> Schumach.
<i>Physarum compressum</i>	<i>Physarum compressum</i> Alb. & Schwein.
<i>Physarum contextum</i>	<i>Physarum contextum</i> (Pers.) Pers.
<i>Physarum didermoides</i>	<i>Physarum didermoides</i> (Pers.) Rostaf.
<i>Physarum globuliferum</i>	<i>Physarum globuliferum</i> (Bull.) Pers.
<i>Physarum gyrosum</i>	<i>Physarum gyrosum</i> Rostaf.
<i>Physarum leucophaeum</i>	<i>Physarum leucophaeum</i> Fr. & Palmquist
<i>Physarum leucopus</i>	<i>Physarum leucopus</i> Link
<i>Physarum listeri</i>	<i>Physarum schroeteri</i> Rostaf.
<i>Physarum murinum</i>	<i>Physarum murinum</i> Lister
<i>Physarum mutabile</i>	<i>Physarum mutabile</i> (Rostaf.) G. Lister
<i>Physarum nutans</i>	<i>Physarum album</i> (Bull.) Chevall.
<i>Physarum psittacinum</i>	<i>Physarum psittacinum</i> Ditmar
<i>Physarum pusillum</i>	<i>Physarum pusillum</i> (Berk. & M.A. Curtis) G. Lister
<i>Physarum sinuosum</i>	<i>Physarum bivalve</i> Pers.
<i>Physarum straminipes</i>	<i>Physarum straminipes</i> Lister
<i>Physarum venum</i>	<i>Physarum venum</i> Sommerf.
<i>Physarum virescens</i>	<i>Physarum virescens</i> Ditmar
<i>Physarum viride</i>	<i>Physarum viride</i> (Bull.) Pers.
<i>Prototrichia metallica</i>	<i>Prototrichia metallica</i> (Berk.) Masee
<i>Reticularia jurana</i>	<i>Reticularia jurana</i> Meyl.
<i>Reticularia lycoperdon</i>	<i>Reticularia lycoperdon</i> Bull.
<i>Reticularia olivacea</i>	<i>Reticularia olivacea</i> (Ehrenb.) Fr.
<i>Stemonitis axifera</i>	<i>Stemonitis axifera</i> (Bull.) T. Macbr.
<i>Stemonitis ferruginea</i>	<i>Stemonitis axifera</i> (Bull.) T. Macbr. [<i>S. ferruginea</i> Fr. is invalid or doubtful]
<i>Stemonitis flavogenita</i>	<i>Stemonitis flavogenita</i> E. Jahn
<i>Stemonitis fusca</i>	<i>Stemonitis fusca</i> Roth
<i>Stemonitis nigrescens</i>	<i>Stemonitis fusca</i> Roth
<i>Stemonitis splendens</i>	<i>Stemonitis splendens</i> Rostaf.
<i>Stemonitopsis typhina</i>	<i>Stemonitopsis typhina</i> (F.H.Wigg.) Nann.-Bremek.
<i>Symphytocarpus amaurochaetoides</i>	<i>Symphytocarpus amaurochaetoides</i> Nann.-Bremek.
<i>Symphytocarpus flaccidus</i>	<i>Symphytocarpus flaccidus</i> (Lister) Ing & Nann.-Bremek.
<i>Symphytocarpus herbaticus</i>	<i>Symphytocarpus herbaticus</i> Ing
<i>Symphytocarpus trechisporus</i>	<i>Symphytocarpus trechisporus</i> (Berk. ex Torrend) Nann.-Bremek.
<i>Trichia affinis</i>	<i>Trichia affinis</i> de Bary
<i>Trichia botrytis</i>	<i>Trichia botrytis</i> (J.F. Gmel.) Pers.
<i>Trichia contorta</i>	<i>Trichia contorta</i> (Ditmar) Rostaf.
<i>Trichia decipiens</i>	<i>Trichia decipiens</i> (Pers.) T. Macbr.

Trichia favoginea
Trichia floriformis
Trichia persimilis
Trichia scabra
Trichia varia
Trichia verrucosa
Tubifera ferruginea

Trichia favoginea (Batsch) Pers.
Metatrichia floriformis (Schwein.) Nann.-Bremek.
Trichia persimilis P. Karst.
Trichia scabra Rostaf.
Trichia varia (Pers. ex J.F. Gmel.) Pers.
Trichia verrucosa Berk.
Tubifera ferruginosa (Batsch) J.F. Gmel.
