

List of parasites and their hosts

This list of parasite/host relationships contains only reports in which infectious hyphae were observed. After each relationship a source is given. For complete citations see the [references-page](#). Download the list as [PDF](#)

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Filicupula cyanopoda Döbbeler & P.G.Davison

Frullania inflata Gottsche - Döbbeler & P.G. Davison 2021

Filicupula sororia Döbbeler & P.G.Davison

Frullania kunzei (Lehm. & Lindenb.) Mont. - Döbbeler & P.G. Davison 2021

Filicupula suboperculata (Döbbeler & P. James) Y.J. Yao & Spooner

Frullania tamarisci (L.) Dumort. - Döbbeler 1978, Yao & Spooner 1996a

Lamprospora aneurae Benkert

Aneura pinguis (L.) Dumort. - Benkert 1990

Lamprospora angularis M.Vega, Ribes & Janošik

Campylopus pilifer Brid. - Vega et al. 2021b

Lamprospora annulata Seaver

Ephemerum minutissimum Lindb. - Eckstein & Eckstein 2013

Pleuridium - Benkert 1987a

Lamprospora arvensis (Velen.) Svrček

Ceratodon purpureus (Hedw.) Brid. - Benkert 1987a

Lamprospora ascoboloides Seaver

Dicranella - Benkert 1987a [uncertain]

dicranelloid moss, probably *Dicranella heteromalla* - Eckstein et al. 2022

Lamprospora australis (McLennan & Cookson) Rifai

Campylopus introflexus (Hedw.) Brid. - Benkert 1987a

Lamprospora bavarica Benkert

Paraleucobryum longifolium (Hedw.) Loeske - Benkert 2011a

Lamprospora benkertii Eckstein, M.Vega, Sochorová & Janošik

Trichostomum crispulum Bruch - Eckstein et al. 2022

Lamprospora bulbiformis M.Vega & Janošik

Fissidens viridulus (Sw.) Wahlenb. - Vega et al. 2021a

Lamprospora cailletii Benkert

Tortella spec. - Benkert 1987a

Tortella tortuosa (Hedw.) Limpr. - Benkert 2009

Lamprospora campylopodis W.D.Buckley

Campylopus oerstedianus (Müll. Hal.) Mitt. - Benkert 2007

Campylopus pyriformis (K.F. Schultz) Brid. - Benkert 1987a, Eckstein & Eckstein 2013

Lamprospora carbonicola Boud.

Funaria hygrometrica Hedw. - Döbbeler 1979, Benkert 1987a, Benkert 1995

Lamprospora densireticulata M. Vega, Janošik, Sochorová & Martínez-Gil

Aloina ambigua (Bruch & Schimp.) Limpr. - Vega et al. 2019, Eckstein et al. 2020

Lamprospora dicranellae Benkert

Ditrichum heteromallum (Hedw.) E. Britton - Eckstein et al. 2014

Lamprospora dictydiola Boud.

Tortula muralis L. ex Hedw. - Benkert 1987a, Eckstein & Eckstein 2013

Lamprospora ditrichi Benkert

Ditrichum flexicaule (Schwägr.) Hampe - Benkert 1987a, Eckstein et al. 2020

Lamprospora ecksteinii Benkert

Phascum curvicolle Hedw. - Benkert 2009

Lamprospora esterlechnerae Benkert

Dicranodontium denudatum (Brid.) E. Britton - Benkert 2011a

Lamprospora faroensis Benkert

Bryum spec. - Egertová et al. 2018

Lamprospora feurichiana (Kirschst.) Benkert

Ceratodon purpureus - Benkert 2009, Egertová et al. 2018

Lamprospora gibbosa M.Vega & Janošik

Fissidens crassipes Wilson ex Bruch & Schimp. - Vega et al. 2021a

Lamprospora gotlandica Benkert

Barbula convoluta Hedw. - Benkert 1987a

Lamprospora hanffii Benkert

Dicranella cerviculata (Hedw.) Schimp. - Benkert 1987a

Lamprospora hispanica Benkert
Aloina sp. - Benkert 1987a
Aloina aloides (Koch ex Schultz) Kindb. - Eckstein et al. 2022
Aloina ambigua (Bruch & Schimp.) Limpr. - Eckstein et al. 2022

Lamprospora kristiansenii Benkert
Ceratodon purpureus (Hedw.) Brid. - Benkert 1990

Lamprospora leptodictya Dissing
Aongstroemia longipes - Eckstein et al. 2022

Lamprospora lubicensis Benkert
Hennediella heimii (Hedw.) R.H. Zander - Benkert 1994a, Oesau 2009, own observation

Lamprospora lutziana Boud.
Philonotis fontana (Hedw.) Brid. - Schumacher 1993 (most likely, infection was not observed)
Philonotis - Benkert 1987a (most likely, infection was not observed)

Lamprospora maireana Seaver
Fossombronina spec. - probable host of the type
Archidium alternifolium (Hedw.) Schimp. - Benkert 2002 [may represent an independent taxon]

Lamprospora miniata De Not.
Aloina spec. - Benkert 2007
Encalypta streptocarpa Hedw. - Benkert 2009
Encalypta vulgaris Hedw. - Benkert 2009
Phascum spec. - Benkert 1995
Phascum cuspidatum Hedw. - Benkert 2007, Eckstein & Eckstein 2009
Pottia spec. - Benkert 1995, Eckstein & Eckstein 2009
Pottia bryoides (Dicks.) Mitt. - Eckstein & Eckstein 2009
Pottia intermedia (Turn.) Fürnr. - Benkert 2009

Lamprospora miniata var. parvispora Benkert
Barbula convoluta Hedw. - own observation
Barbula unguiculata Hedw. - Benkert 2009, own observation

Lamprospora miniata var. ratisbonensis Benkert
Didymodon spec. - Benkert 2009, Eckstein & Eckstein 2009
Didymodon rigidulus Hedw. - Benkert 2001
Didymodon vinealis (Brid.) R.H. Zander - Benkert 2007

Lamprospora minuta (Velen.) Svrček
Bryum - Benkert 1987a
Leptobryum pyriforme (Hedw.) Wilson - Eckstein & Eckstein 2009 [probably represents an independent taxon]

Lamprospora moynei Benkert
Ephemerum minutissimum Lindb. - Vega et al. 2015
Ephemerum serratum (Hedw.) Hampe - Benkert 1987a

Lamprospora norvegica Benkert, Aas, R.Kristiansen
Ditrichum pusillum - Eckstein et al. 2022

Lamprospora paechnatzii Benkert
Bryum archangelicum - Eckstein et al. 2022

Lamprospora pseudoarvensis M.Vega, Eckstein, Friebe & R.Tena
Pleuridium acuminatum Lindb. - Vega et al. 2017

Lamprospora rehmi Benkert
Pleuridium spec. - Benkert 1993
Pleuridium acuminatum Lindb. - Vega et al. 2018

Lamprospora retispora (Itzerott & Thate) T.Schumach.
Syntrichia ruralis (Hedw.) F.Weber & D.Mohr - Benkert 1987a
Syntrichia virescens (De Not.) Ochyra - Benkert 1995, own observation

Lamprospora rugensis Benkert
Bryum spec. - Benkert 1987a

Lamprospora seaveri Benkert
Bryum spec. - Benkert 1987a [may represent an undescribed taxon]
Bryum dichotomum Hedw. - Eckstein & Eckstein 2009, Eckstein et al. 2022 [may represent an undescribed taxon]
Ceratodon purpureus (Hedw.) Brid. - Benkert 1987a, Eckstein et al. 2022 [host of the holotype]

Lamprospora spinulosa Seaver
Physcomitrium pyriforme (Hedw.) Brid. - Vega et al. 2021a

Lamprospora spitsbergensis T.Schumach.
unknown

Lamprospora sylvatica Egertová & Eckstein
Dicranum montanum Hedw. - Egertová et al. 2018

Lamprospora thelespora Martínez-Gil, M.Vega & E.Rubio

- Cheilothela chloropus (Brid.) Lindb. - Vega et al. 2021a
- Lamprospora tortulae-ruralis Benkert**
Syntrichia ruralis agg. - Benkert 1987a
- Lamprospora tuberculata Seaver**
Pleuridium acuminatum Lindb. - Benkert 2009
Pleuridium subulatum (Hedw.) Rabenh. - Benkert 2009, Eckstein et al. 2014, Egertova et al. 2015
- Lamprospora tuberculatella Seaver**
Didymodon vinealis (Brid.) R.H. Zander - Benkert 2002 (note: collection on this host probably represent a yet undescribed species)
Ephemerum megalosporum spec. - Benkert 2002 (note: collection on this host probably represent a yet undescribed species)
Weissia controversa Hedw. - Benkert 2002
- Lamprospora verrucispora M.Vega, Eckstein & Van der Kolk**
Campylopus pyriformis (K.F.Schultz) Brid. - Vega et al. 2016
- Neottiella albocincta (Berk. & M.A.Curtis ap. Berk.) Sacc.**
Atrichum undulatum (Hedw.) P. Beauv. - Benkert 1987c, Eckstein et al. 2014
- Neottiella aphanodictyon (Kobayasi) Dissing, Korf & Sivertsen**
Polytrichastrum alpinum (Hedw.) G.L.Sm. - ?
Polytrichum juniperinum Sw. ex Brid. - Benkert 1998d
- Neottiella gigaspora M.Zeng, Q.Zhao & K.D.Hyde**
unknown
- Neottiella ricciae (P. Crouan & H. Crouan) Korf & W.Y. Zhuang**
Riccia beyrichiana Hampe ex Lehm. - Kristiansen & Schumacher 1993
Riccia glauca L. - own observation
Riccia nigrella DC. - Kristiansen & Schumacher 1993
Riccia sorocarpa Bisch. - Moyne et al. 2011, Dennis 1971
- Neottiella rutilans (Fr.) Dennis**
Oligotrichum hercynicum (Hedw.) Lam. & DC. - Döbbeler 1979, Benkert 1995
Polytrichum longisetum Sw. ex Brid. - Benkert 2009
Polytrichum spec. - Benkert 1995
Polytrichum juniperinum Hedw. - Benkert 1995
- Neottiella vivida (Nylander) Dennis**
Polytrichum formosum Hedw. - Benkert 2009
Polytrichum piliferum Schreb. ex Hedw. - Benkert 1995, Eckstein et al. 2014
Polytrichum strictum Menzies ex Brid. - Benkert 1995
- Octospora affinis Benkert & L.G.Krieglst.**
Orthotrichum affine Schrad. ex Brid. - Benkert 2009, Egertova et al. 2015, own observation
- Octospora alpestris (Sommerf.) Dennis & Itzerott**
Tetraplodon angustatus (Hedw.) Bruch & Schimp. - Jakobson et al. 1998
Tetraplodon mnioides (Hedw.) Bruch & Schimp. - Döbbeler 1979, Jakobson et al. 1998, Benkert 2009
- Octospora americana Benkert**
Cryphaea glomerata Schimp. ex Sull. - Benkert 2006
Forsstroemia trichomitria (Hedw.) Lindb. - Benkert 2006
- Octospora axillaris (Nees) M.M.Moser**
Phascum cuspidatum Hedw. - Benkert 1995, Eckstein & Eckstein 2009
- Octospora axillaris var. tetraspora Benkert**
Phascum cuspidatum Hedw. - Benkert 1998c, Eckstein & Eckstein 2009
- Octospora bicarpa Döbbeler, Büschlen & Eckstein**
Orthotrichum speciosum Nees (Lewinskya speciosa) - Döbbeler et al. 2021
- Octospora bridei Caillet & Moyne**
Ephemerum serratum (Hedw.) Hampe - Benkert 2009
Ephemerum minutissimum Lindb. - Eckstein & Eckstein 2013
- Octospora bryi-argentei Benkert**
Bryum argenteum Hedw. - Benkert 1995
- Octospora canariensis Benkert**
Didymodon vinealis (Brid.) R.H. Zander - Benkert 1997
- Octospora cashiae (Gamundi) Benkert**
unidentified liverwort
- Octospora ciervensis Gamundi & Spinedi**
unknown
- Octospora coccinea (P.Crouan & H.Crouan) Brumm.**
Acaulon muticum (Hedw.) Müll. Hal. - Eckstein et al. 2014

Bryum spec. - Benkert 1995
 Bryum caespiticium Hedw. - Benkert 2009
 Bryum klinggraeffii Schimp. - Benkert 1998c, Eckstein & Eckstein 2009
 Bryum rubens Mitt. - Benkert 2009
 Encalypta vulgaris Hedw. - Benkert 1995, own observation

Octospora coccinea var. tetraspora Benkert
 Bryum spec. - Benkert 1998c
 Bryum rubens Mitt. - Benkert 1998c

Octospora conidiophora Sochorová & Döbbeler
 Trichosteleum perchlorosum
 Sematophyllum brachycarpum

Octospora crosslandii (Dennis & Itzerott) Benkert
 Bryoerythrophyllum recurvirostrum (Hedw.) P.C.Chen - Dennis & Itzerott 1973

Octospora crosslandii var. alpina Itzerott & Poelt
 Desmatodon latifolius (Hedw.) Lindb. ex Milde - Itzerott 1979

Octospora doebbeleri Sochorová & Eckstein
 Dicranoweisia cirrata (Hedw.) Lindb. ex Milde - Sochorová et al. 2021

Octospora echinospora Caillet & Moyne
 Ephemerum serratum (Hedw.) Hampe - Kristiansen 2007

Octospora erzbergeri Benkert
 Pseudoleskeella nervosa (Brid.) Nyholm - Benkert 2006

Octospora excipulata (Clem.) Benkert
 Aphanorrhagma patens (Hedw.) Lindb. - Benkert 2007
 Funaria hygrometrica Hedw. - Döbbeler 1993, Benkert 1995, Eckstein & Eckstein 2009
 Physcomitrium pyriforme (Hedw.) Brid. - Eckstein et al. 2020
 Physcomitrium sphaericum (Ludw.) Brid. - Eckstein & Eckstein 2013

Octospora fissidentis Benkert & Brouwer
 Fissidens bryoides Hedw. - Benkert & Brouwer 2004

Octospora gemmicola Benkert
 Bryum dichotomum Hedw. - Eckstein & Eckstein 2009
 Bryum radiculosum Brid. - Eckstein & Eckstein 2009
 Bryum rubens Mitt. - Eckstein & Eckstein 2009
 Bryum ruderale Crundw. & Nyholm - Benkert 1998c, Eckstein & Eckstein 2009
 Bryum subapiculatum Hampe - Benkert 1998c

Octospora gemmicola var. tetraspora Benkert
 Bryum klinggraeffii Schimp. - Benkert 1998c
 Bryum rubens Mitt. - Benkert 1998c

Octospora grimmiae Dennis & Itzerott
 Grimmia spec. - Döbbeler 1979
 Grimmia pulvinata (Hedw.) Sm. - Benkert 2009

Octospora guestfaliensis Benkert
 Tortella tortuosa (Hedw.) Limpr. - Benkert 2009

Octospora gyalectoides Svrček & Kubička
 Aloina spec. - Benkert 2009
 Barbula spec. - Benkert 1995
 Bryum spec. - Benkert 2009
 Phascum spec. - Benkert 1995
 Pottia spec. - Benkert 1995
 Pottia intermedia (Turn.) Fürnr. - Benkert 2007, Eckstein & Eckstein 2009
 Pottia bryoides (Dicks.) Mitt. - Eckstein & Eckstein 2009
 Pottia intermedia (Turn.) Fürnr. - Benkert 2007, Eckstein & Eckstein 2009
 Pottia lanceolata (Hedw.) Müll. Hal. - Benkert 2007
 Pottia truncata (Hedw.) Bruch & Schimp. - Benkert 2007
 Pterygoneurum ovatum (Hedw.) Dixon - Benkert 2007
 Pterygoneurum sessile (Brid.) Jur. - Benkert 2007
 Tortella spec. - Benkert 2009
 Tortula spec. - Benkert 2009
 Tortula subulata Hedw. - own observation

Octospora heterosculpturata T.Schumach.
 Bryum spec. - Benkert & Kristiansen 2008

Octospora hetieri (Boud.) Dennis & Itzerott
 Ceratodon purpureus (Hedw.) Brid. - Benkert 1995, Eckstein & Eckstein 2009
 Funaria hygrometrica Hedw. - Benkert 1995

Octospora humosa (Fr.) Dennis
 Atrichum undulatum (Hedw.) P. Beauv. - Eckstein et al. 2020
 Oligotrichum hercynicum (Hedw.) Lam. & DC. - Benkert 1995

- Pogonatum aloides* (Hedw.) P. Beauv. - Döbbeler & Itzerott 1981
Pogonatum nanum (Hedw.) P. Beauv. - Benkert 1995
Polytrichum formosum Hedw. - Benkert 1995
Polytrichum piliferum Schreb. ex Hedw. - Benkert 1995
- Octospora hygrohypnophila** Dissing & Sivertsen
Hygrohypnum luridum (Hedw.) Jenn. - Benkert 2006
- Octospora ithacaensis** (Rehm) K.B.Khare
Marchantia polymorpha L. - Döbbeler 1979, Benkert 2009, Egertova et al. 2015
- Octospora itzerottii** Benkert
Pterygoneurum ovatum (Hedw.) Dixon - Benkert 1998c
Pterygoneurum sessile (Brid.) Jur. - Benkert 1998c
- Octospora kelabitiana** Egertová & Döbbeler
Riccardia ssp. - Egertová et al. 2017
- Octospora kilimanjarensis** J.Moravec
 unknown, possibly *Pogonatum* sp.
- Octospora leucoloma** Hedw.
Bryum argenteum Hedw. - Döbbeler 1979, Benkert 1995, Eckstein & Eckstein 2009
- Octospora leucoloma var. tetraspora** (Fuckel) Benkert
Bryum argenteum Hedw. - Benkert 1998c, Eckstein & Eckstein 2009
- Octospora lilacina** (Seaver) Svrček & Kubička
Dicranella heteromalla (Hedw.) Schimp. - Itzerott
- Octospora meslinii** (Le Gal) Svrček & Kubička
Grimmia pulvinata (Hedw.) Sm. - Itzerott & Döbbeler 1982, Benkert 2009
- Octospora mnii** Döbbeler & Facher
Rhizomnium punctatum - Döbbeler & Facher 2014
- Octospora moravecii** K.B.Khare
 unknown, possibly *Pohlia* sp.
- Octospora musci-muralis** Graddon
Grimmia pulvinata (Hedw.) Sm. - Döbbeler 1979, Benkert 1995, Eckstein & Eckstein 2009
- Octospora musci-muralis var. neglecta** (Dennis & Itzerott) Benkert
Schistidium spec. - Benkert 2009
- Octospora neerlandica** Benkert & Brouwer
Syntrichia ruralis agg. spec. - Benkert & Brouwer 2004
- Octospora nemoralis** Benkert & Brouwer
Fissidens bryoides Hedw. - Benkert & Brouwer 2004
- Octospora orthotricha** (Cooke & Ellis) K.B.Khare & V.P.Tewari
Orthotrichum diaphanum Schrad. ex Brid. - Benkert 1995, Eckstein & Eckstein 2009, Egertova et al. 2015
- Octospora oscariei** Eckstein, Sochorová & Janošik
Pseudotaxiphyllum elegans (Brid.) Z.Iwats. - Eckstein et al. 2021
- Octospora pannosa** M. Vega, T. Richter & Savić
Brachytheciastrum velutinum (Hedw.) Ignatov & Huttunen - Vega et al. 2018b
- Octospora phagospora** (Flageolet & Lorton) Dennis & Itzerott
Pohlia lutescens (Limpr.) Lindb. - Eckstein et al. 2020
- Octospora pseudoampezzana** (Svrček) Caillet & Moyne
Schistidium spec. - Benkert 2009
Schistidium crassipilum H.H. Blom - Eckstein & Eckstein 2009
- Octospora rubens** Boud.
Ceratodon purpureus (Hedw.) Brid. - Itzerott & Döbbeler 1982, Benkert 1995
- Octospora rustica** (Velen.) J.Moravec
Ceratodon purpureus (Hedw.) Brid. - Benkert 1995, own observation
- Octospora similis** (Kirschst.) Benkert
Bryum spec. - Benkert 1990
Bryum dichotomum Hedw. - Benkert 1998a
Bryum subapiculatum Hampe - Benkert 1990
- Octospora splachnophila** Benkert & R.Kristiansen
Splachnum ampullaceum Hedw. - Benkert & Kristiansen 2008
Splachnum vasculosum Hedw. - Benkert & Kristiansen 2008
- Octospora subglobalispora** Benkert
Bryum pseudotriquetrum (Hedw.) P.Gaertn., E.Mey. & Scherb. - Benkert 1997
- Octospora svrcekii** Benkert
Cratoneuron filicinum (Hedw.) Spruce - Benkert 2006
- Octospora texensis** Benkert
Schwetschkeopsis fabronia (Schwägr.) Broth. - Benkert 2006
- Octospora wrightii** (Berk. & M.A.Curtis) J.Moravec

Amblystegium serpens (Hedw.) Schimp. - Döbbeler 1979, Benkert 1998a, Eckstein & Eckstein 2009
Amblystegium varium (Hedw.) Lindb. - Benkert 1998a

Octosporella brevibarata Döbbeler & P.G.Davison

Frullania appalachiana R.M.Schust - Döbbeler & P.G. Davison 2021
Frullania eboracensis Lehm. - Döbbeler & P.G. Davison 2021
Frullania virginica Lehm. - Döbbeler & P.G. Davison 2021

Octosporella caudifera Döbbeler & P.G.Davison

Frullania asagrayana Mont. - Döbbeler & P.G. Davison 2021

Octosporella epiphylla Döbbeler & Beeneken

Ceratolejeunea spec. - Döbbeler 2011

Octosporella erythrostigma (Mont.) Döbbeler

Frullania dilatata (L.) Dumort. - Döbbeler 2004

Octosporella fortunata Döbbeler

Saccogyna viticulosa (L.) Dumort. - Döbbeler 2011

Octosporella fusispora Y.J.Yao & Spooner

Pellia spec. - Yao et al. 2006, Döbberler 2011

Octosporella hemicypta (Döbbeler) Döbbeler

Frullania spec. - Döbbeler 1978

Octosporella imitatrix Döbbeler & P.G.Davison

Frullania ericoides (Nees) Mont. - Döbbeler & P.G. Davison 2021

Octosporella jungermanniarum (P.Crouan & H.Crouan) Döbbeler

Chiloscyphus polyanthos (L.) Corda - Döbbeler & Hertel 2013
Lophocolea bidentata (L.) Dumort. - Döbbeler & Hertel 2013
Pellia endiviifolia (Dicks.) Dumort. - Döbbeler & Hertel 2013
Plagiochila asplenioides (L.) Dumort. - Döbbeler & Hertel 2013
Plagiochila porelloides (Torr. ex Nees) Lindenb. - Döbbeler & Hertel 2013

Octosporella microtricha Döbbeler, Negrín & M.Vega

Frullania polysticta Lindenb. - Döbbeler, Berger, Negrín Piñero & Vega 2018

Octosporella nematospora Döbbeler & F.Berger

Frullania spec. - Döbbeler, Berger, Negrín Piñero & Vega 2018

Octosporella ornithocephala Döbbeler

Radula complanata (L.) Dumort. - Döbbeler 1980b

Octosporella perforata (Döbbeler) Döbbeler

Porella spec. - Döbbeler 1978

Octosporella ptilidii Döbbeler

Ptilidium ciliare (L.) Hampe - Döbbeler 1988

Octosporella radulae Döbbeler & Menjívar 1992

Radula spec. - Döbbeler & Menjívar 1992

Octosporopsis erinacea Egertová & Döbbeler

Dumortiera hirsuta (Sw.) Nees - Egertová & Döbbeler 2017

Octosporopsis nicolai (Maire) U.Lindemann, M.Vega & T.Richter

Lunularia cruciata - Lindemann et al. 2015