



Towards a Handlist of Microfungal Parasites of Vascular Plants from Britain and Ireland and a Census Catalogue for Wales

Ray G. Woods, Arthur O. Chater, R. Nigel Stringer, Debbie A. Evans & Paul A. Smith

Summary

To assist in their discovery and recording we present here over 6000 documented records of parasitic fungi and fungus-like organisms and their native, naturalized and cultivated vascular plant host taxa for the whole of Britain and Ireland by country, and by Watsonian Vice-counties for Wales. The records are arranged in two alphabetical series, one by host and one by parasitic organism.

Represented in the tables are over 1300 parasitic taxa recorded from over 2400 host taxa. The major groups of parasites covered are the Rusts, Smuts, White Moulds, White Blister-rusts, Downy and Powdery Mildews, Leaf Curls and Witches Brooms.

Front Cover Images

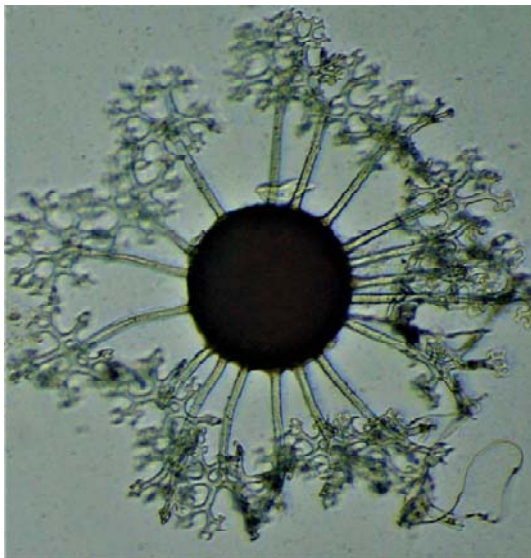
Top left the Rust *Trachyspora intrusa* on Pale Lady's-mantle (*Alchemilla xanthochlora*). Top centre the White Mould *Ramularia pratensis* on a Dock (*Rumex*) leaf. Top right a chasmothecium of the Oak Powdery Mildew (*Erysiphe alphitoides*). Middle left the Powdery Mildew *Podosphaera mors-uvae* on Gooseberry (*Ribes uva-crispa*). Middle centre the Smut *Microbotryum coronariae* on Ragged-Robin (*Silene flos-cuculi*). Middle right the White Blister-rust *Albugo candida* s.l. on a Cabbage (*Brassica oleracea*) leaf. Bottom left the Powdery Mildew *Fibroidium balsamini* on the Orange Balsam (*Impatiens capensis*). Bottom centre the Downy Mildew *Peronospora valerianellae* on Keel-fruited Corn-salad (*Valerianella carinata*). Bottom right the Smut Fungus *Exobasidium oxycocci* on Cranberry (*Vaccinium oxycoccus*).

Towards a Handlist of Microfungal Parasites of Vascular Plants from Britain and Ireland and a Census Catalogue for Wales

Ray G. Woods, Arthur O. Chater, R. Nigel Stringer,
Debbie A. Evans & Paul A. Smith

*"Know thy enemy and thy self and in a hundred battles,
you will never be defeated"* (Chinese general Sun Tzu)

"All small things are adorable"
(*The Pillow Book*, Sei Shōnagon (1002))



2024

This publication is licenced under a Creative Commons BY-NC-SA licence. You are free to:

Share – copy and redistribute the material in any medium or format

Adapt – remix, transform and build upon the material

under the following terms:

Attribution – You must give appropriate credit, provide a link to the licence and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use.

NonCommercial – You may not use the material for commercial purposes.

ShareAlike – If you remix, transform or build upon the material, you must distribute your contributions under the same licence as the original.

Published by A.O. Chater, Windover, Penyrangor, Aberystwyth, Ceredigion SY23 1BJ

Distributed by R.G. Woods, Ty Mawr Mill, Builth Wells, Powys LD2 3SH

Printed by Powerprint, Llandrindod Wells, Powys

ISBN 978-0-9565750-6-7

Cite as:

Woods, R.G., Chater, A.O., Stringer, R.N., Evans, D.A. & Smith, P.A. (2024) *Towards a Handlist of Microfungal Parasites of Vascular Plants from Britain and Ireland and a Census Catalogue for Wales*. A.O.Chater: Aberystwyth.

Available for download from www.aber.ac.uk/waxcap/downloads

Contents

Preface.....	2
Acknowledgements.....	3
Introduction	4
Limitations of the data sources and taxonomic challenges.....	5
Synopsis of the parasites.....	9
Abbreviations	12
Table of hosts and their parasites alphabetical by host.....	14
Table of parasites and their hosts alphabetical by parasite	197
References.....	384
Appendix 1	387



Taphrinaalni on *Alnus glutinosa*.

Preface

In 2002 in The Hague, Netherlands, Britain adopted the Global Strategy for Plant Conservation. Sixteen global targets were set, two of which involved the cataloguing of all plants and fungi and then assessing their conservation status. In 2016 Natural Resources Wales published An Assessment of the Sustainable Management of Natural Resources. It recognised as one of the evidence gaps that, despite the long history of observing and recording animals, plants and fungi in the UK and Wales, there are many significant gaps in the breadth and quality of our knowledge of the distribution, condition and population trend data with respect to many Welsh species. Within Wales there are only two regional mycotas, Aron (2005) and Ing (2020), and currently the only formal local mycological organizations in Wales, affiliated to the British Mycological Society, are the Pembrokeshire Fungus Recording Network, the Glamorgan Fungus Group and the Gwent Fungus Group.

To date five Welsh Red Data Books, including ones on Rusts (Woods *et al.* 2015) and Smuts (Woods *et al.* 2018), have been published covering plants and fungi; they catalogue and identify the threats facing over 3700 taxa, just over half of which are fungi. Without such information Welsh Government's aspiration to become the first nation in the world to effectively plan and utilize its natural resources sustainably cannot possibly be met. In addition, as far as we have been able to discover, the list presented here provides the only reasonably up-to-date catalogue of many of the most damaging and economically important fungus and fungus-like parasites of commercially important plants.

Despite this progress reported above much has still to be done, particularly with respect to fungi and fungus-like organisms. To that end the authors of this handlist have recently published additional guides to the identification of Downy Mildews and White Blister-rusts (Chater *et al.* 2020), Powdery Mildews (Woods *et al.* 2024) and White Moulds (Chater *et al.* 2021) in Wales. Their publication sought to stimulate further recording, since existing records were too sparse to permit accurate conservation evaluations to be made

of these organisms. All are freely available to download from <https://www.aber.ac.uk/waxcap/downloads/>.

To further this aspiration, we felt there was merit in collating all the distributional data we have amassed, on as many groups of plant-parasitic microfungi and fungus-like organisms and their hosts as we have covered, into a single list that can assist their location in the field. Also, we hope to assist the discovery of previously overlooked taxa in Wales, by presenting here over 6000 documented records of parasitic organisms and their hosts for the whole of Britain and Ireland by country, and by Watsonian Vice-counties for Wales, arranged in two alphabetical series, one by host and one by parasitic organism. Simultaneously, we are making a web version available at <https://www.aber.ac.uk/waxcap/downloads/> which can be readily manipulated to provide Welsh vice-county lists, or separate lists for England, Scotland, Ireland and Wales.

Acknowledgements

We are extremely grateful to Gareth Griffith (Aberystwyth), Sarah Hambleton (Ottawa), Matthias Lutz (Tübingen), Katarína Pastirčáková (Nitra), Fay Newbery (Cardiganshire), Chris Preston (Cambridge), Brian Spooner (Surrey), David Harries (Pembrokeshire) and David Mitchel (Ross and Cromarty) amongst others for their assistance with this work. We are also grateful to those who sent us records and specimens, especially from Wales, to add to our coverage.

Introduction

The lists below detail over 1300 fungi and fungus-like organisms normally considered to be Rusts, Smuts, White Moulds, White Blister-rusts, Downy and Powdery Mildews as well as a few other groups. They are based on the available records, chiefly from our own publications, the Fungal Records Database of the British Mycological Society, Cate2 of the Fungus Conservation Trust, the NBN Atlas and many other sources, the more important of which are listed in the References. Although we have exercised some judgment in accepting or rejecting records, we must emphasize that these lists are prepared from records and not necessarily, especially outside Wales, in all cases checked occurrences. Where a record links a parasite to an improbable host we have assumed the record to be erroneous and have excluded it. We have attempted to use as up-to-date a classification and nomenclature as possible for the fungi. For the parasites we have mostly followed Klenke & Scholler (2015), for wild and naturalized hosts Stace (2019) and for cultivated ornamental plants Cubey (2022).

The lists below are also intended to indicate what to look for on particular hosts, and what a fungus on a host is likely to be if it belongs to one of the groups that we cover. In some cases, especially where there is only one species recorded from a particular host, a reasonably definite identification can be made if one is confident which group it belongs to, and that the host is correctly identified, but generally identifications should be checked against morphological descriptions in other works.

The first step in identification is to ascertain what group the fungus belongs to. As a general key would be extremely laborious, we can suggest inspection of our five publications (Woods *et al.* 2015, 2018, 2024, Chater *et al.* 2020, 2021), available online via <https://www.aber.ac.uk/waxcap/downloads/>, to become familiar with their appearances and characters.

The most useful general work for identification, covering all the groups in our list except the White Moulds, and almost all the British and Irish species, is Klenke & Scholler (2015), in German. The electronic version is available as an e-book (see <https://link.springer.com/book/10.1007/978-3-662-46162-4>) so

permitting computerized translation. For Rusts, Wilson & Henderson (1966) and Henderson (2004) are the best sources; for Smuts, Vanky (1994 or 2012); for Powdery Mildews, Braun & Cook (2012); and for White Moulds, Braun (1995,1998). Our own five publications list many other useful references, but only the essential ones are given in the References section below. Although now very out-of-date, Ellis & Ellis (1997) is useful, not only with regard to our groups, but also for indicating what other fungi, that we do not cover, may be present on the host one is dealing with.

Much helpful information can be found on the web, and especially useful sites include Phytoparasitische Kleinpilze <https://jule.pflanzenbestimmung.de/>, Plant Parasites of Europe <https://bladmineerders.nl/> and the late Chris Yeates's illustrated accounts of Peronosporales and Pucciniales of Yorkshire. Kruse (2019) is one of several excellent illustrated books covering many species in our groups. For species that cause galls, Redfern, Shirley & Bloxham (2023) and Roskam (2019) are strongly recommended. An inspirational book on plant diseases, dealing with the fungi in context, is Ingram & Robertson (1999).

Correct identification of the host is of prime importance, and we recommend Stace (2019) for this. As infection often causes the hosts to fail to flower, Poland & Clement (2020) is valuable for naming hosts in a vegetative state. For other comments on identification, and recommendations for collection and preservation, see especially Chater *et al.* (2020).

Limitations of the Data Sources and Taxonomic Challenges

The preface above notes our attempts to capture records of many of the most damaging and economically important fungus and fungus-like parasites of commercially important plants. In particular we consider it valuable to understand the susceptibility of plant cultivars. The old Chinese general's advice to 'know thy enemy' (see title page) could not be truer, yet we have found such records to be almost absent from public data bases. Perhaps the agricultural and horticultural industry hold such data privately? We

have had to resort to seeking information from fungicide salesmen who naturally are unwilling to provide detailed locality information. At least one of the authors has been asked to leave the premises of an ornamental plant grower once their interest was revealed.

Almost all the records of parasites on cereals and commercial fruit presented here represent the sole surviving data from the now possibly destroyed Government database of plant parasites. These data relate to a small area of the West Midlands of England, captured, before destruction, by a local group of amateur mycologists. Given these limitations and our dependency on the trade to accurately label cultivars, since few detailed descriptions are available, we still consider it desirable to list cultivars below in the hope it will stimulate more complete recording.

An inspection of the hosts listed below and of their distribution by any experienced field botanist with a knowledge of our native plant distributions will soon discover records for the hosts and their parasites that lie outside the native range of the host. This is because we have included records made in cultivation. We believe this information is of interest and might stimulate searches within their native range. For example, the record of *Erysiphe trifoliorum* from Breconshire (VC 42) on *Trifolium strictum* may look like a mistake since this clover is only known from Wales in Radnorshire (VC 43), but in fact the powdery mildew was noted on a plant in cultivation in Breconshire and has not been seen in the wild in Radnorshire.

We are also passing through what we sincerely hope is only a short period of major taxonomic change due largely to an increasing number of taxa being genomically sequenced. This work has revealed a number of flaws in the use of morphology to determine taxonomic status and relationships. A number of names have consequently been changed. Particularly in the case of Rust fungi we were presented with such a significant challenge as to cast doubt on whether we should currently attempt a catalogue such as this. Wilson & Henderson (1966), our standard work on British rust fungi, saw its manuscript origins in an attempted updating of Grove's *The British Rust Fungi* of 1913 in the pre-Second World War period. The task, first taken on by Malcolm Wilson proved impossible to complete and he drafted a new work.

This was incomplete at his death in 1960. Fortunately, Douglas Henderson took up the challenge and *British Rust Fungi* was brought to the press in 1966. This has remained our standard text and without any significant revision is in print today.

Henderson and possibly Wilson before him adopted a very broad concept of species which has unfortunately not stood the test of time. Increasingly, and in particular through genome sequencing and more detailed morphological studies, many continental taxonomists have come to consider rust fungi to be much more host specific and have split taxa to reflect the hosts they are found on. In many ways we have now reverted to the taxonomy adopted by Grove's predecessors and indeed many of the taxa accepted here can be found buried in the synonymy provided by Wilson & Henderson (1966).

It was no easy decision to update the taxonomy of Wilson & Henderson (1966) and Henderson (2004) adopted in our Red Data List of Welsh Rust Fungi (Woods *et al.* 2015) in favour of Klenke & Scholler (2015) and other critical reference material listed in the bibliography below. Our collections of over 10,000 specimens made in south, mid and west Wales were re-examined (plus a low percentage of specimens from England and Scotland) and re-identified following Klenke & Scholler (2015). Over 100,000 spore measurements have been taken and used to match their species descriptions. Also, to aid this process, many specimens (not only rusts) were sent to various institutions for genome sequencing to confirm identification of existing and new species and to sort out some difficult species complexes. Thus, we have not just accepted findings outlined in Klenke & Scholler (2015), but have vigorously tested the keys, and matched species descriptions and genome sequencing where needed. However, much work still needs to be done and whilst good progress has been made in Wales, many records elsewhere in Britain require critical re-examination.

This is best seen in the rusts living on *Allium* spp. in the tables below where the Welsh specimens and records have been re-evaluated and bear little comparison to the reported records from the rest of Britain. We suspect this is because most records in the FRDBI of rusts on Leeks, Chives and Onions were based on the descriptions in Wilson & Henderson (1966). They only recognised

two species on these hosts, *Puccinia allii* (which had two-celled teliospores) and *Uromyces ambiguus* (with one-celled teliospores). Subsequently, Henderson & Bennell (1979) recognised a third rust – *Puccinia porri* which infected Leeks. This system was still unsatisfactory and in 1990 Jennings *et al.* carried out detailed morphological studies of rusts on numerous hosts and revised the group again. They again recognised three species which included *U. ambiguus* and *P. allii* but added *P. mixta*. Entries of records into the FRDBI based on these two systems understandably have resulted in confusion. Klenke & Scholler (2015) again tried to clarify the issue and recognised the three species of Jennings *et al.* (1990). However, it is only recently that genome sequencing has been employed to sort out differences between these three species of rust and determine which hosts are infected. McTaggart *et al.* (2016) studied the rusts occurring in Australia, comparing their findings with those in other countries. Closer to home, work is being carried out by David Harries (Pembrokeshire Fungus Recording Group) and the results to date are encouraging and it is clear that further species require description. Because of these different treatments we advise that readers place more weight on the entries recorded for Wales as they are believed to be a more accurate reflection of current thinking.

Puccinia tanacetii as understood by Wilson & Henderson (1966) on *Artemisia* species has reverted to its former three species. Checking telia sizes from all Welsh collections has shown that all material on *Artemisia vulgaris* has proved to be *P. artemisiella*. We have in consequence assumed that all records of *P. tanacetii* from the rest of Britain and Ireland on this host are likely to be this species. The rust on *A. absinthium* and other cultivated species is, pending further study, considered likely to be *P. absinthii*.

There now also exists considerable variation in the nomenclature adopted by fungal names databases such as Species Fungorum, Index Fungorum and Mycobank and those storing fungal distribution records. We are grateful to David Mitchel for taking on the challenge of resolving how best the fungal records databases of the British Mycological Society can be up-dated, so removing the final impediment to the adoption of current taxonomic thinking. These discrepancies are particularly reflected in the system adopted by Klenke & Scholler. For example, the genera *Aecidium*

and *Uredo* are more widely used by them and the rust species found on *Carex* hosts do not conform with the entries in Index Fungorum and Mycobank. However, to avoid even more confusion the authors decided here to adopt the species names as in Klenke & Scholler to enable consistency of recording.

A comprehensive catalogue of all known plant-parasitic fungi and fungus-like organisms from Wales placed in a context of their wider distribution in Britain and Ireland is our desired objective. The records assembled here regrettably have had to be limited to those groups we have already or are in the process of amassing data on. They comprise almost all the groups covered in Klenke & Scholler (2015) with the addition of the White Moulds. The genera are listed in the synopsis below. Most of the genera are covered in already published volumes (see the bibliography), however the genera listed below in the Taphrinomycetes, Chytridiomycetes, Cantharellales and Platyglloeales are currently the subject of study for a future publication. To encourage study and to improve our knowledge of their distribution we attach as Appendix 1 below brief descriptions of the genera and some species. If you wish to carry their study further and before the account can be published, we would be pleased to email draft accounts to assist in accurate identification and receive any records. Contact raygwoods@aol.com.

Synopsis of the Parasites

The classification of Basidiomycota follows Begerow *et al.* (2018). (The letter in bold after the English name or taxonomic group is the abbreviation adopted in the distribution tables below).

Chromista

Oomycota

Peronosporales: White Blister-rusts and Downy Mildews (**D**)
Albugo, *Basidiophora*, *Bremia*, *Hyaloperonospora*,
Paraperonospora, *Perofascia*, *Peronospora*, *Plasmopara*,
Plasmoverna, *Protobremia*, *Pseudoperonospora*, *Pustula*,
Wilsoniana

Fungi

Chytridiomycota: *incertae sedis*

Chytridiomycetes: Wart Fungi (**A**)

Synchytriales: *Synchytrium*

Blastocladales: *Physoderma*

Chytridiales: *Cladochytrium*, *Olpidium*

Entorrhizomycota

Entorrhizales: *Entorrhiza*, *Juncorrhiza*

Ascomycota

Dothideomycetes

Capnodiales: White Moulds (**W**) *Phacellium*, *Ramularia*

Leotiomycetes

Erysiphales: Powdery Mildews (**P**) *Arthrocladiella*, *Blumeria*,
Erysiphe, *Euoidium*, *Fibroidium*, *Golovinomyces*, *Leveillula*,
Neoerysiphe, *Oidiopsis*, *Phyllactinia*, *Podosphaera*,
Pseudoideum, *Sawadaea*

Taphrinomycetes

Taphrinales: Leaf Curls (**A**) *Buerenia*, *Protomyces*, *Protomycopsis*,
Taphridium, *Taphrina*

Basidiomycota

Pucciniomycotina

Microbotryomycetes: Smut Fungi (**S**)

Microbotryales: *Bauerago*, *Microbotryum*, *Sphacelotheca*,
Ustilentyloma

Pucciniomycetes

Platyglloeales: *Herpobasidium* (A)

Pucciniales: Rust Fungi (R) *Aecidium*, *Chrysomyxa*, *Coleosporium*, *Cronartium*, *Cumminsia*, *Desmosorus*, *Dietelia*, *Endophyllum*, *Frommeella*, *Gymnosporangium*, *Hyalopsora*, *Kuehneola*, *Melampsora*, *Melampsorella*, *Melampsoridium*, *Milesina*, *Naohidemyces*, *Nyssopsora*, *Ochropsora*, *Peridermium*, *Phragmidium*, *Puccinia*, *Pucciniastrum*, *Thekopsora*, *Trachyspora*, *Tranzschelia*, *Triphragmium*, *Uredinopsis*, *Uredo*, *Uromyces*, *Xenodochus*, *Zaghouania*

Ustilaginomycotina

Exobasidiomycetes: Smut Fungi (S)

Doassansiales: *Doassansia*, *Doassansiopsis*, *Nannfeldtiomyces*, *Rhamphospora*, *Tracya*

Entylomatales: *Entyloma*

Exobasidiales: *Dicellomyces*, *Exobasidium*

Georgefischeriales: *Gjaerumia*, *Jamesdicksonia*

Microstromatales: *Microstroma*, *Pseudomicrostroma*

Tilletiales: *Tilletia*

Ustilaginomycetes: Smut Fungi (S)

Urocystidales: *Antherospora*, *Melanotaenium*, *Melanustilospora*, *Thecaphora*, *Urocystis*, *Vankya*

Ustilaginales: *Anthracoidea*, *Farysia*, *Melanopsichium*, *Parvulago*, *Schizonella*, *Sporisorium*, *Tranzscheliella*, *Ustanciosporium*, *Ustilago*

Agaricomycotina

Agaricomycetes (A)

Cantharellales: *Ceratobasidium* (A)

Abbreviations Used in the Tables

In the summary distribution column:

B = Britain and Ireland
E = England
I = the island of Ireland
S = Scotland; and
W = Wales,

being the countries as given in the records of each host-parasite interaction. E(CI) indicates that the only records traced are from the Channel Isles. An entry in the form such as E/S indicates that in this case a record from either England or Scotland cannot be confidently localised. These abbreviations precede the numbers in brackets of the Welsh vice-counties (see Dandy 1969 for details and the box below) from which records have been traced.

For those less familiar with these parasites a column has been added to the left of the parasite's name containing an abbreviation for the group of organisms to which the parasite belongs or to which it is most closely related:

A = those genera included in Appendix 1 below
D = Downy Mildews and White Blister-rusts
P = Powdery Mildews
R = Rusts
S = Smuts and allies
W = White Moulds.

From the above synoptic classification of the fungi considered in this handlist, it will be noted that a number of genera formerly considered to be smut fungi have now been placed within a group called the Microbotryomycetes, a group more closely related to the rust fungi than the smut fungi. Adopting such a radical change we felt might lead to confusion so for the time being, whilst acknowledging this advancement in our knowledge, we have maintained their traditional grouping with the smut fungi.

An asterisk (*) appended to a parasite name indicates that the species was introduced on plant material from abroad and the host and parasite were destroyed or failed to establish.

As most records have been made in the last 50 years no attempt has been made to arrange records by their date.

The table below lists by order of the numbers used in the catalogues below the Welsh Vice-counties and their abbreviations. Where only a 'W' appears and no vice-county number we have been unable to localise the record.

- | | |
|---------------------------------|----------------------------------|
| 35 Monmouthshire Mons | 47 Montgomeryshire Monts |
| 41 Glamorgan Glam | 48 Merionethshire Mer |
| 42 Breconshire Brechs | 49 Caernarvonshire Caerns |
| 43 Radnorshire Rads | 50 Denbighshire Denbs |
| 44 Carmarthenshire Carms | 51 Flintshire Flints |
| 45 Pembrokeshire Pembs | 52 Anglesey Angl |
| 46 Cardiganshire Cards | |



Taphrina pruni on *Prunus spinosa*.

Table of Hosts and their Parasites

Alphabetical by Host

Abies

A. alba	R Aecidium pseudocolumnare	E, I, S, W (46)
	R Melampsorella caryophyllacearum	E, I, S
	R Milesina kriegeriana	S
	R Pucciniastrum epilobii	S
	R Thekopsora goeppertiana	E, I, S
A. amabilis	R Aecidium pseudocolumnare	B
A. cephalonica	R Aecidium pseudocolumnare	B
	R Melampsorella caryophyllacearum	I
	R Milesina kriegeriana	S
A. concolor	R Aecidium pseudocolumnare	E
	ssp. lowiana	R Melampsorella caryophyllacearum
A. grandis	R Aecidium pseudocolumnare	B, W (48)
	R Pucciniastrum epilobii	S
A. nordmanniana	R Aecidium pseudocolumnare	B
	R Melampsorella caryophyllacearum	S
	R Milesina kriegeriana	S
	R Thekopsora goeppertiana	E, W
A. pectinata	R Aecidium pseudocolumnare	B
	R Melampsorella caryophyllacearum	S
A. pinsapo	R Melampsorella caryophyllacearum	B
A. procera	R Aecidium pseudocolumnare	S
A sp.	R Hyalopsora aspidiotus	S
	R Thekopsora goeppertiana	E, I

Acaena

A. magellanica	P Podosphaera aphanis var. aphanis	E
----------------	------------------------------------	---

Acanthus

A. mollis	P Golovinomyces orontii	E, S
	P Neoerysiphe galeopsidis	E, W (35, 42-44, 46, 47, 49, 50, 52)
A. sp.	P Neoerysiphe galeopsidis	W (41)
A. spinosus	P Golovinomyces orontii	E, W (42)
	P Neoerysiphe galeopsidis	E, W (46)

Acer

A. campestre	P Phyllactinia marissalii	W (43, 46, 47, 50)
	P Sawadaea bicornis	E, S, W (35, 41-44, 46-49, 52)
ssp. campestre		
var. campestre	P Sawadaea bicornis	W (42, 43)
var. oxytomum	P Sawadaea bicornis	W (43, 46)
ssp. leiocarpum	P Sawadaea bicornis	W (42-44, 46)
A. japonicum cv.	P Sawadaea bicornis	S
A. macrophyllum	P Sawadaea tulasnei	E
A. negundo	P Sawadaea bicornis	E, W (44, 46)
	P Sawadaea tulasnei	E
'Flamingo'	P Sawadaea tulasnei	W (44)
A. palmatum agg.	P Sawadaea tulasnei	E, S
A. platanoides	P Phyllactinia marissalii	W (46, 47)
	P Sawadaea bicornis	E, S, W (41, 44, 46, 47)
	P Sawadaea tulasnei	E, I, S, W (42, 46, 47)
'Goldsworth Purple'	P Sawadaea tulasnei	S, W (46)
'Schwedleri'	P Sawadaea tulasnei	E
A. pseudoplatanus	P Phyllactinia marissalii	E, W (46, 50)
	P Sawadaea bicornis	E, I, S, W (35, 41-52)
'Leopoldii'	P Sawadaea bicornis	E
A. saccharinum	P Sawadaea bicornis	E
A. saccharum	P Sawadaea bicornis	E
A. sp.	P Phyllactinia marissalii	S
A. tataricum	P Sawadaea bicornis	E

Achillea

A. ligustica	P Golovinomyces macrocarpus	B
A. millefolium	S Entyloma achilleae	E, S
	P Golovinomyces macrocarpus	E, W (49, 51)
	R Puccinia millefolii	E, I, S, W (41-44, 46-50, 52)
A. ptarmica	P Golovinomyces macrocarpus	E
	R Puccinia ptarmicae	S, W (41, 44)

Aconitum

A. firmum	P Erysiphe aquilegiae var. ranunculi	E
A. napellus	P Erysiphe aquilegiae var. ranunculi	E, S, W (46, 48)
	S Urocystis irregularis	S
A. sp.	D Plasmoverna pygmaea	E
A. × stoerkianum	W Ramularia crassiuscula	S

Acorus

A. calamus	W Ramularia aromatica	E, S
------------	-----------------------	------

Adiantum

A. capillus-veneris R Hyalopsora adianti-capilli-veneris E, I, S

Adoxa

A. moschatellina R Puccinia adoxae E, S, W (35, 41-52)
R Puccinia albescens E, S, W (35, 42-52)
R Puccinia impatientis E
W Ramularia adoxae E, S, W (35, 43, 44, 46,
47, 51)

Aegopodium

A. podagraria P Erysiphe heraclei E, S, I
D Plasmopara nivea s.s. E, I, S, W (35, 41-52)
A Protomyces macrosporus E, I, S, W (35,
42-44, 46-50, 52)
R Puccinia aegopodii E, I, S, W (35, 41-44, 46-52)
A Synchytrium aureum s.l. S, W (47, 48)

Aesculus

A. californica P Erysiphe flexuosa E
A. carnea P Erysiphe flexuosa W (42, 43, 46)
'Briotii' P Erysiphe flexuosa W (46)
A. 'Dallimorei' P Erysiphe flexuosa E
A. hippocastanum P Erysiphe flexuosa E, I, W (41-43, 46, 49-51)
'Baumannii' P Erysiphe flexuosa I
A. × mutabilis P Erysiphe flexuosa E
A. × plantierensis P Erysiphe flexuosa W (46)
A. sp. P Erysiphe flexuosa E, I, S, W (35, 41-52)

Aethusa

A. cynapium P Erysiphe heraclei E, W (44)
R Puccinia nitida E, I
ssp. agrestis R Puccinia nitida E, W (35, 46, 49)
ssp. cynapium R Puccinia nitida E, W (43, 44, 46, 47)

Agastache

A. cana 'Bolero' R Puccinia glechomatis cf. E
A. rupestris R Puccinia glechomatis W (46)
A. sp. D Peronospora belbahrii E

Agrimonia

A. eupatoria P Podosphaera aphanis var. aphanis E
R Pucciniastrum agrimoniae E, I, S, W, (35, 41,
43, 44, 47-51)
W Ramularia agrimoniae E
A. procera D Peronospora agrimoniae E, W (43)
R Pucciniastrum agrimoniae E

Agrimonia (cont.)

A. sp. R Pucciniastrum agrimoniae E, W (35, 47-50)
W Ramularia agrimoniae E

Agrostemma

A. githago D Peronospora agrostemmatidis E, W (43)

Agrostis

A. canina R Puccinia coronati-agrostidis E, S, W (42, 43, 46)

R Puccinia graminis S

S Tilletia sphaerococca I, S

A. capillaris P Blumeria graminicola W (41, 44)

R Puccinia agrostidis E, S, W (42, 44, 46)

R Puccinia coronati-agrostidis E, S, W (35, 41, 42, 43, 44, 45, 46, 48, 49, 52)

R Puccinia graminis I, S, W (41-44, 46-48)

S Tilletia sphaerococca E, I, S, W (35, 42-44, 46, 47, 51, 52)

S Urocystis agrostidis E

A. gigantea R Puccinia agrostidis S

R Puccinia coronati-agrostidis S, W (42)

R Puccinia graminis W (42)

S Ustilago striiformis W (46)

A. sp. P Blumeria graminicola E, W (42)

A Cladochytrium caespitis B

A Hillenburgia radicalis W (46)

S Jamesdicksonia dactylidis E, S

R Puccinia agrostidis S

R Puccinia coronati-agrostidis E, S

R Puccinia graminis E, I, S

S Tilletia sphaerococca I

A. stolonifera P Blumeria graminicola B

A Oplidium agrostidis E

A Physoderma agrostidis B

R Puccinia agrostidis E, S, W (44)

R Puccinia coronati-agrostidis E, S, W (35, 41-46, 48-50)

R Puccinia graminis E, S, W (41, 44)

S Tilletia sphaerococca I, S, W (46)

S Urocystis agrostidis E

S Ustilago striiformis E

var. maritima A Oplidium agrostidis W (44, 46)

var. palustris A Ligniera junci W (44)

A Oplidium agrostidis W (46)

var. stolonifera A Oplidium agrostidis W (46)

Agrostis (cont.)

A. vinealis	R Puccinia coronati-agrostidis	W (44)
	R Puccinia pygmaea	W (46)

Aira

A. praecox	A Ligniera junci	W (46)
	A Olpidium brassicae s.l.	W (46)

Ajuga

A. genevensis	P Golovinomyces biocellatus s.l.	B
A. reptans	P Golovinomyces biocellatus s.l.	E, S
	P Neoerysiphe galeopsidis	E, W (49)
	WRamularia ajugae	E, I, S, W (41-43, 46-49 51, 52)
	A Synchytrium aureum s.s.	S
‘Bronze Bugle’	P Neoerysiphe galeopsidis	E
‘Burgundy Glow’	P Neoerysiphe galeopsidis	E
	WRamularia ajugae	E

Akebia

A. quinata	P Erysiphe akebiae	E, W (48)
A. trifoliata	P Erysiphe akebiae	W (48)

Alcea

A. × Althaea		
‘Parkrondell’	R Puccinia malvacearum	W (50)
A. ficifolia ‘Happy Lights’	R Puccinia malvacearum	W (44)
A. rosea	P Neoerysiphe galeopsidis	B
	R Puccinia malvacearum	E, I, S, W (35, 41-44, 46-52)
‘Burgundy Towers’	R Puccinia malvacearum	W (44)
‘Chater’s Double Maroon’		
	R Puccinia malvacearum	W (44)
‘Chater’s Gold’	R Puccinia malvacearum	W (44)
‘Chater’s Holly’	R Puccinia malvacearum	W (44)
‘Chater’s White’	R Puccinia malvacearum	W (44)
‘Double Yellow’	R Puccinia malvacearum	W (44)
‘Larat Beauty Series’		
	R Puccinia malvacearum	W (44)
‘Miss Holly’	R Puccinia malvacearum	W (44)
‘Nigra’	R Puccinia malvacearum	E, W (44)
Alcea sp.	P Leveillula contractirostris	B

Alchemilla

A. alpina	P Podosphaera aphanis var. aphanis	S
	W Ramularia alpina	I, S
	R Trachyspora intrusa	S
A. conjuncta	P Podosphaera aphanis var. aphanis	E
A. erythropoda	P Podosphaera aphanis var. aphanis	B
A. filicaulis ssp. filicaulis	R Trachyspora intrusa	E, I, S, W (49)
ssp. vestita	P Podosphaera aphanis var. aphanis	E, S, W (41)
	R Trachyspora intrusa	E, S
A. glabra	P Podosphaera aphanis var. aphanis	E, S, W (46, 48, 49, 52)
	R Trachyspora intrusa	E, S, W (42, 44, 49)
A. glaucescens	R Trachyspora intrusa	S
A. minima	R Trachyspora intrusa	B
A. mollis	P Podosphaera aphanis var. aphanis	E, S, W (50, 52)
	W Ramularia aplospora	E, S, W (35, 42-44, 46-49)
	R Trachyspora intrusa	E, S
A. monticola	R Trachyspora intrusa	B
A. murbeckiana	P Podosphaera aphanis var. aphanis	B
A. sp.	P Podosphaera aphanis var. aphanis	S
	W Ramularia aplospora	I
	R Trachyspora intrusa	E, I, S, W (41-44, 47-49)
A. vulgaris	P Podosphaera aphanis var. aphanis	E
	R Trachyspora intrusa	E, I, S, W (41, 48, 49)
A. vulgaris agg.	D Peronospora alchemillae	E, S
	W Ramularia aplospora	S
A. xanthochlora	P Podosphaera aphanis var. aphanis	E, S
	R Trachyspora intrusa	E, S, W (35, 41, 44, 49)

Alisma

A. gramineum	A Physoderma maculare	E
A. lanceolatum	A Physoderma maculare	E
A. plantago-aquatica	S Doassansia alismatis	E, S
	A Ligniera junci	E
	W Ramularia alismatis	E, I

Alkekengi

A. officinarum	P Podosphaera xanthii	E
----------------	-----------------------	---

Alliaria

A. petiolata	D Albugo candida s.l.	E
	P Erysiphe cruciferarum	E, S, W (35, 41-44, 46, 47, 49-51)
	D Hyaloperonospora niessliana	E, I, S, W (35, 41-47, 49-52)
	A Olpidium brassicae s.l.	W (46)

Allium

A. ampeloprasum	R Puccinia porri	E, W (41, 45)
	R Uromyces ambiguus	E, I
var. babingtonii	R Puccinia allii	W (44, 45)
	R Puccinia porri	I, W (42, 45)
	R Uromyces ambiguus	I, W (42)
var. bulbiferum	R Uromyces ambiguus	C
A. carinatum	R Puccinia allii	S
A. cepa	D Peronospora destructor	E, I, S, W (41, 42, 44-46, 48-50)
	R Puccinia allii	E
	S Urocystis magica	E, S, I
A. cepa agg.	R Puccinia allii	S
A. cyaneum	R Puccinia allii	S
A. fistulosum	D Peronospora destructor	E, I
	R Puccinia allii	E, W (43, 44, 52)
	R Puccinia porri	W (45)
A. giganteum cv.	R Puccinia allii	W (44)
A. oleraceum	R Puccinia porri	E
A. paradoxum	R Puccinia allii	W (42)
	R Puccinia sessilis	S
A. porrum	D Peronospora destructor	E, S
	R Puccinia allii	E, S
	R Puccinia porri	E, I, S, W (35, 42-46, 49, 51, 52)
	S Urocystis magica	E, S
'Apollo'	R Puccinia porri	W (44)
'Autumn Mammoth'	R Puccinia porri	W (44)
'Carlton'	R Puccinia porri	W (44)
'Jaune de Poitou'	R Puccinia porri	W (44)
'Longbow'	R Puccinia porri	W (44)
'Longe du Mesillas'	R Puccinia porri	W (44)
'Lyon Prizetaker'	R Puccinia porri	W (44)
'Musselburgh'	R Puccinia porri	W (42-46, 48)
'Neptune'	R Puccinia porri	W (44)
'Oarsman'	R Puccinia porri	W (44)
'Sprinton'	R Puccinia porri	W (44)

Allium (cont.)

A. porrum (cont.)

‘St. Victor’	R Puccinia porri	W (44)
‘Striker’	R Puccinia porri	W (44)
‘Toledo’	R Puccinia porri	W (48)
‘Tornado’	R Puccinia porri	W (44)
‘Winter Atlanta’	R Puccinia porri	W (44)
‘Zermat’	R Puccinia porri	W (44)

A. sativum

	R Puccinia allii	E, W (43)
	R Puccinia porri	W (42, 43, 45, 46, 49, 52)
‘Arno’	R Puccinia allii	W (44)
‘Cristo’	R Puccinia allii	W (44)
‘Ivory’	R Puccinia allii	W (44, 52)
‘Lautrec Wight’	R Puccinia allii	W (44)
‘Marco’	R Puccinia porri	W (43)
‘Mersley Wight’	R Puccinia allii	W (48)
‘Picardy Wight’	R Puccinia allii	W (44)
‘Provence Wight’	R Puccinia allii	W (48)
‘Solent Wight’	R Puccinia allii	W (44, 48)
‘Vayo’	R Puccinia allii	W (44)
var. ophioscorodon	R Puccinia allii	W (44)
‘Purple Wight’	R Puccinia allii	W (44)

A. schoenoprasum

	R Puccinia allii	E, S
	R Puccinia mixta	W (42-45)
	R Puccinia porri	I, S, W
	R Uromyces ambiguus	W (46)
A. schoenoprasum cv.	R Puccinia mixta	E, W (35, 42-44, 46-50, 52)
A. scorodoprasum	R Uromyces ambiguus	W (46)
A. siculum	R Puccinia allii	W (42, 48)

A. triquetrum

D Peronospora destructor E

A. ursinum

R Melampsora allii-fragilis E, W (42, 46, 49, 52)
R Melampsora allii-populina E
D Peronospora destructor E, W (50)
R Puccinia sessilis E, I, S, W (35, 41-52)

A. vineale

R Puccinia allii E, I, S
R Puccinia porri I, S
R Puccinia sp. W (35, 41, 43-47, 49-52)
S Urocystis magica E, S
‘Hair’ R Puccinia porri E
var. compactum R Puccinia sp. W (46, 49)

Alnus

A. cordata	R Melampsorium betulinum	E, W (35, 44, 46)	
	R Melampsorium hiratsukanum	E, W (44, 46)	
	A Taphrinaalni	E, W (45)	
	A Taphrina sadebeckii	W (49)	
A. glutinosa	P Erysiphe penicillata	E, I, S, W (42, 44-46, 49-52)	
	R Melampsorium betulinum	E, I, S, W (35, 41, 42, 44, 46-50, 52)	
	R Melampsorium hiratsukanum	E, I, S, W (41-52)	
	P Phyllactinia alnicola	E, I, S, W (41, 44)	
	WRamularia alnicola	E	
	A Taphrinaalni	E, I, S, W (35, 41-47, 49-52)	
	A Taphrina sadebeckii	E, S, W (41-43, 46, 47, 49, 50, 52)	
	A Taphrina tosquetii	E, I, S, W (35, 41-43, 45-50, 52)	
	var. glutinosa	R Melampsorium hiratsukanum	B
		A Taphrinaalni	W (46)
A Taphrina sadebeckii		W (44)	
f. incisa	R Melampsorium betulinum	B	
var. macrocarpa	R Melampsorium betulinum	W (46)	
	A Taphrinaalni	I, W (42-44, 46, 47)	
	A Taphrina tosquetii	I	
	R Melampsorium hiratsukanum	E, I, S, W (41, 42, 44, 46-48, 49, 52)	
	A Taphrinaalni	W (42, 46)	
A. × hybrida	R Melampsorium hiratsukanum	E, W (43, 44)	
	A Taphrina tosquetii	W (43)	
	P Erysiphe penicillata	E, W (44, 46, 47)	
A. incana	R Melampsorium betulinum	E, S, W (42, 44, 46, 49)	
	R Melampsorium hiratsukanum	E, S, W (41-44, 46, 48, 49, 52)	
	A Taphrinaalni	E, S, W (46)	
	A Taphrina sadebeckii	S, W (49)	
	A Taphrina tosquetii	W (43)	
	A. rubra	P Erysiphe penicillata	E
		R Melampsorium betulinum	W (42, 44)
R Melampsorium hiratsukanum		W (42, 44)	
R Melampsorium betulinum		E, I, S, W (41, 44)	
A. sp.	R Melampsorium hiratsukanum	E, S, W (43)	
	P Phyllactinia alnicola	S	
	A Taphrinaalni	W (49, 51, 52)	

Alnus (cont.)

Alnus sp. (cont.)

	A Taphrina sadebeckii	E, S, W (50, 51)
	A Taphrina tosquinetii	E, I, S, W (48, 50-52)
A. viridis	P Erysiphe penicillata	E

Aloe

A. glauca*	R Uromyces aloes	S
A. sp.*	R Uromyces aloes	S

Alopecurus

A. geniculatus	P Blumeria graminis s.l.	B
	R Puccinia coronata s.l.	W (44)
	R Puccinia perplexans	W (44)
A. myosuroides	P Blumeria graminis s.l.	E
	R Puccinia coronata s.l.	E, W (44)
	R Puccinia perplexans	W (44)
A. pratensis	P Blumeria graminis s.l.	E
	R Puccinia coronata s.l.	E, S, W (44)
	R Puccinia graminis	I, S
	R Puccinia perplexans	E, S, W (44, 46)
	W Ramularia pusilla	E
	S Urocystis alopecuri	E, W (43, 44)
'Aureovariegatus'	R Puccinia coronata s.l.	W (44)
A. sp.	A Cladochytrium caespitis	B
	R Puccinia coronata s.l.	S

Althaea

A. cannabina	R Puccinia malvacearum	E, W (44)
A. officinalis	R Puccinia malvacearum	E, S, W (41, 43-45, 47)

Alyssum

A. sp.	P Erysiphe cruciferarum	E
--------	-------------------------	---

Amaranthus

A. bouchonii	D Wilsoniana bliti	E
A. hybridus	D Wilsoniana bliti	E
A. retroflexus	A Polymyxa betae	E
	D Wilsoniana bliti	E
A. sp.	D Wilsoniana amaranthi	E

Amelanchier

A. lamarckii	P Podosphaera amelanchieris	E, I, S, W (41-44, 46, 48-51)
--------------	-----------------------------	-------------------------------

Ammi

A. majus	P Erysiphe heraclei	E
----------	---------------------	---

Ammophila

A. arenaria	P Blumeria graminis s.l.	E
	R Puccinia ammophilina	E, I, S, W (41, 44-46, 48, 49, 51, 52)
	R Puccinia elymi	E, S, W (41, 45, 46, 49)
	R Puccinia graminis	E
	S Tranzscheliella hypodytes	E, S

Ampelopsis

A. glandulosa var. brevipedunculata	P Erysiphe necator var. necator	B
-------------------------------------	---------------------------------	---

Amphicarpaea

A. bracteata	A Miyabella aecidioides	E
--------------	-------------------------	---

Anchusa

A. azurea	P Erysiphe lycopsidis	B
A. officinalis	P Erysiphe lycopsidis	E
	R Puccinia recondita	E
A. sp.	P Erysiphe lycopsidis	S

Andromeda

A. polifolia	S Exobasidium karstenii	E, I, S, W (43, 46, 47, 50)
--------------	-------------------------	-----------------------------

Anemone

A. blanda	R Tranzschelia discolor	E
A. coronaria	P Erysiphe aquilegiae var. ranunculi	B
	D Peronospora anemones	E, W (35, 45, 46, 49)
	D Plasmoverna pygmaea	E, W (45, 46)
	R Tranzschelia discolor	E, S, W (44, 47)
'St. Bridgid'	R Tranzschelia discolor	E
A. × fulgens	R Ochropsora ariae	E
	R Tranzschelia discolor	E
A. × hybrida	P Erysiphe aquilegiae var. ranunculi	E
'Elegans'	P Erysiphe aquilegiae var. ranunculi	S
A. nemorosa	R Ochropsora ariae	E, S, W (41, 42, 44-52)
	D Peronospora anemones	E, S
	A Physoderma deformans	W (46)
	D Plasmoverna pygmaea	E, I, S, W (35, 41-52)
	A Synchronium anemones	E
	R Tranzschelia fusca	E, I, S, W (35, 42, 44-52)
	S Urocystis anemones s.s.	E, I, S, W (35, 41-51)
A. ranunculoides	S Urocystis anemones s.s.	E
A. sp.	P Erysiphe aquilegiae var. ranunculi	E
A. tuberosa	R Tranzschelia fusca	E

Angelica

A. sylvestris	P Erysiphe heraclei	E, I, S, W (35, 41, 43, 44, 46, 47, 49, 51, 52)
	D Plasmopara angelicae	E, I, S, W (35, 41-52)
	A Protomyces macrosporus	E
	R Puccinia angelicae	E, I, S, W (35, 41, 44, 46, 48-52)
	R Puccinia bistortae	E
	W Ramularia archangelicae	E, I, S, W (42-44, 46, 47)
	A Synchytrium aureum s.l.	B
	A Taphridium umbelliferarum	S

Anisantha

A. diandra	R Puccinia bromina	E, W (44, 46)
	S Ustilago bromivora	E
A. madritensis	R Puccinia bromina	E (CI)
	S Ustilago bromivora	E
A. rigida	S Ustilago bromivora	E
A. sterilis	P Blumeria bulbigerana	I, W (44, 46, 47, 49)
	R Puccinia bromina	E, S, W (35, 41, 44, 51)
	R Puccinia graminis	E, S
	R Puccinia striiformis	E
	S Ustilago bromivora	E
A. tectorum	R Puccinia bromina	B

Anthemis

A. cotula	D Paraperonospora leptosperma s.l.	E
A. sp.	P Golovinomyces macrocarpus	E

Anthoxanthum

A. odoratum	P Blumeria dactylidis	I, S, W (35, 44, 46)
	A Olpidium radicale s.l.	W (46)
	R Puccinia anthoxanthina	E, S, W (35, 41-46, 48, 49, 52)
	R Puccinia coronata	S
	R Puccinia graminis	E, I, S, W (35, 41, 43, 44, 46, 48)
	S Tilletia anthoxanthi	S
	S Ustilago striiformis	S

Anthriscus

A. caucalis	P Erysiphe heraclei	E, I
A. cerefolium	P Erysiphe heraclei	E
A. sylvestris	P Erysiphe heraclei	E, I, S, W (35, 42-47, 49, 50, 52)

Anthriscus (cont.)**A. sylvestris (cont.)**

- D Plasmopara chaerophylli E, I, S, W (35, 41, 42, 44, 46, 49-52)
 A Protomyces macrosporus E, S, W (41-43, 46, 47, 50)
 R Puccinia chaerophylli E, I, S, W (44-46, 49-52)
 W Ramularia chaerophylli E, I, W (35, 42, 43, 46)

Anthyllis

- A. vulneraria P Erysiphe trifoliorum W (41)
 R Uromyces anthyllidis E, I, S, W (41, 44-46, 48-52)
 ssp. lapponica R Uromyces anthyllidis B, S
 ssp. vulneraria R Uromyces anthyllidis S, W (41, 44)
 var. langei R Uromyces anthyllidis W (46)

Antirrhinum**A. hispanicum ssp. hispanicum**

- R Puccinia antirrhini S
 A. majus P Golovinomyces orontii E, I, S, W (43, 46, 49)
 D Peronospora antirrhini E, I, S, W (35, 44, 46, 49)
 cv. R Puccinia antirrhini E, I, S, W (35, 41-52)
 'Apple Blossom' R Puccinia antirrhini W (44)
 'Black Prince' R Puccinia antirrhini W (44)
 'Brighton Rock' R Puccinia antirrhini W (44)
 'Canary Bird' R Puccinia antirrhini W (44)
 'Chantilly Park' R Puccinia antirrhini W (44)
 'Crimson Velvet' R Puccinia antirrhini W (44)
 'Defiance' R Puccinia antirrhini W (44)
 'Lavender' R Puccinia antirrhini W (44)
 'Liberty' R Puccinia antirrhini W (44)
 'Liberty Lavender' R Puccinia antirrhini E
 'Night & Day' R Puccinia antirrhini W (44)
 'Purple Twist' R Puccinia antirrhini W (44)
 'Rocket White' R Puccinia antirrhini W (44)
 'The Rose' R Puccinia antirrhini W (44)
 'Ruby' R Puccinia antirrhini W (44)
 'Snowflake' R Puccinia antirrhini W (44)
 A. molle R Puccinia antirrhini E, W (44)
 A. siculum R Puccinia antirrhini E
 A. sp. R Puccinia antirrhini E, S, W (41, 44, 45)

Aphanes

A. arvensis	P Podosphaera aphanis var. aphanis	E
	W Ramularia aplospora	E
	R Trachyspora intrusa	I
A. australis	P Podosphaera aphanis var. aphanis	I, W (44, 46)
	A Ligniera junci	W (45)

Apium

A. graveolens	P Erysiphe heraclei	B
	R Puccinia apii	E, S, W (51)

Aquilegia

A. amaliae	S Urocystis aquilegiae	E
A. caerulea	P Erysiphe aquilegiae var. aquilegiae	E
A. chrysantha 'Yellow Queen'		
	P Erysiphe aquilegiae var. aquilegiae	W (50)
A. pyrenaica	P Erysiphe aquilegiae var. aquilegiae	B
A. vulgaris	P Erysiphe aquilegiae var. aquilegiae	E, I, S, W (35, 42-44, 46-49, 52)
	D Peronospora aquilegiicola	E, W (41, 42, 44)
	R Puccinia agrostidis	S, W (52)

Arabidopsis

A. thaliana	D Albugo candida s.l.	E, S, W (35, 42-44, 46-50)
	D Albugo candida s.s.	W (43, 44, 46)
	D Albugo laibachii	E, W (42, 43, 46-49, 51)
	D Hyaloperonospora arabidopsidis	E, W (42, 44, 46, 49)

Arabis

A. alpina	D Albugo candida s.s.	W (46)
A. caucasica	D Albugo candida s.s.	E, W (43, 45, 46, 50)
A. hirsuta	D Albugo candida s.s.	E, I, W (44)

Arctium

A. lappa	D Bremia lactucae s.l.	E
	P Golovinomyces depressus	E, I, W (35, 42-44, 49, 52)
	R Puccinia bardanae	E
	W Ramularia abscondita	E, W (43)
A. minus	P Golovinomyces depressus	E, I, S, W (35, 41-43, 46, 50)
	W Ramularia abscondita	E, I, W (42, 43, 50, 51)
ssp. minus	P Golovinomyces depressus	E
	R Puccinia bardanae	E

Arctium (cont.)

A. minus (cont.)

ssp. pubens P Golovinomyces depressus W (46)
R Puccinia bardanae E

A. nemorosum P Golovinomyces depressus E, I
R Puccinia bardanae E

A. sp. P Golovinomyces depressus E, I, S, W (35,
43, 50, 52)
WRamularia abscondita E, I

Arctostaphylos

A. alpinus S Exobasidium angustisporum S

A. uva-ursi S Exobasidium sydowianum S

S Exobasidium uvae-ursi S

Arenaria

A. leptoclados R Puccinia arenariae E

A. serpyllifolia D Peronospora campestris E

R Puccinia arenariae E

A. sp. R Puccinia arenariae S

Argemone

A. platyceras P Erysiphe cruciferarum E

Argyranthemum

A. frutescens D Paraperonospora leptosperma s.l. E

WRamularia bellunensis E

A. pinnatifidum ssp. pinnatifidum P Golovinomyces macrocarpus B

Argyrocytismus

A. battandieri R Uromyces pisi-sativi s.l. E

Arisaema

A. sp.* R Uromyces ari-triphylli E

A. triphyllum* R Uromyces ari-triphylli E

Armeria

A. alliacea R Uromyces armeriae S

A. alpina R Uromyces armeriae S

A. distantifolia R Uromyces armeriae S

A. maritima ssp. elongata R Uromyces armeriae E, S

'Lauchiana' R Uromyces armeriae S

ssp. maritima R Uromyces armeriae E, I, S, W (41, 44-46,
49, 51, 52)

A. pseudoarmeria R Uromyces armeriae S, W (51)

Armoracia

A. rusticana	D Albugo candida s.l.	E
	P Erysiphe cruciferarum	E
	D Hyaloperonospora cochleariae	E
	W Ramularia armoraciae	E, I, S, W (49, 51, 52)

Arrhenatherum

A. elatius	P Blumeria graminis s.l.	E, S, W (41)
	R Puccinia arrhenatheri	E, I, S, W (35, 41-44, 46, 47, 49-52)
	R Puccinia coronata var. avenae f. sp. graminicola	E, I, S, W (35, 41-52)
	R Puccinia graminis	E, S, W (42)
	S Tranzscheliella hypodytes	E
	S Urocystis avenae-elatioris	E
	S Ustilago avenae	E, I, S, W (35, 41-52)
	S Ustilago hordei	E
	S Ustilago striiformis	E, S
	S Ustilentyloma brefeldii	S
var. bulbosum	P Blumeria graminis s.l.	W (44, 46)
	R Puccinia arrhenatheri	W (44)
	R Puccinia coronata var. avenae f. sp. graminicola	S, W (41-47, 49, 50, 52)
	R Puccinia graminis	W (41, 42, 44, 46)
	S Ustilago avenae	W (44, 46)
var. elatius	P Blumeria graminis s.l.	W (46)
	S Ustilago avenae	W (42-48, 51, 52)
'Variegatum'	R Puccinia arrhenatheri	B

Artemisia

A. abrotanum	P Golovinomyces artemisiae	B
	R Puccinia absinthii	E
A. absinthium	P Golovinomyces artemisiae	E, S
	R Puccinia absinthii	E, S, W (43-45, 49-52)
A. arborescens		
'Powis Castle'	R Puccinia absinthii	E, W (44)
	R Puccinia artemisiella	E
A. campestris	P Golovinomyces artemisiae	B
A. maritima	R Puccinia artemisiae-maritimae	E, I, S, W (41, 44, 49)
A. sp.	P Golovinomyces artemisiae	E, S, W (48, 49, 52)
A. verlotiorum	P Golovinomyces artemisiae	B

Artemisia (cont.)

A. vulgaris	P Golovinomyces artemisiae	E, I, S, W (35, 42-46, 49, 50, 52)
	R Puccinia artemisiella	E, S, W (41, 43, 44, 46, 48, 49)
	R Puccinia ferruginosa	E

Arum

A. creticum	R Puccinia sessilis	E, W (52)
A. italicum		
ssp. neglectum	R Puccinia sessilis	W (44)
A. maculatum	R Melampsora allii-populina	E, W (44)
	S Melanustilospora ari	E, W (49)
	R Puccinia sessilis	E, I, S, W (35, 41-52)

Arundinaria

A. gigantea	R Puccinia longicornis	E
-------------	------------------------	---

Asparagus

A. officinalis	R Puccinia asparagi	E, S
----------------	---------------------	------

Asperugo

A. procumbens	P Golovinomyces cynoglossi s.l.	B
---------------	---------------------------------	---

Asperula

A. cynanchica	R Puccinia asperulae-cynanchicae	E, I
A. sp. cv.	P Golovinomyces riedlianus	E

Asplenium

A. adiantum-nigrum	R Milesina magnusiana	I
A. ruta-muraria	R Milesina murariae	E, I, S, W (35, 41-52)
	WRamularia asplenii	E, I, W (42, 43, 46, 47, 49, 51, 52)
A. scolopendrium	R Milesina scolopendrii	E, I, S, W (35, 41-52)
	WRamularia scolopendrii	E, I, S, W (35, 42, 43, 46, 49, 50, 52)
'Cristata'	R Milesina scolopendrii	W (44)
A. sp.	R Milesina magnusiana	S

Astragalus

A. danicus	R Uromyces punctatus	E, S
A. glycyphyllos	P Erysiphe astragali	E, S
	S Thecaphora affinis	E
A. sp.	P Erysiphe astragali	S

Athyrium

A. filix-femina	R Milesina kriegeriana	E, W (48, 49)
	A Taphrina athyrii	E, S

Atriplex

A. glabriuscula	D Peronospora minor	S
	A Physoderma pulposum	E
A. patula	D Peronospora minor	E, S, W (46, 48, 49, 52)
	A Physoderma pulposum	E, I
	A Polymyxa betae	E
	W Ramularia macularis	E
A. portulacoides	D Peronospora minor	E
A. prostrata	A Olpidium brassicae s.l.	W (46)
	D Peronospora minor	E, S, W (42, 46, 48-50, 52)
	A Physoderma pulposum	B

Atropa

A. belladonna	W Ramularia atropae	E
---------------	---------------------	---

Aubrieta

A. deltoidea	D Albugo candida s.s.	E, W (35, 43, 46, 49, 50, 52)
	A Plasmodiophora brassicae	B
A. sp.	D Peronospora aubrietae	E, S

Aurinia

A. saxatilis	D Albugo candida s.l.	E, S, W (46)
	P Erysiphe cruciferarum	E
	D Hyaloperonospora galligena	E, S, W (41, 51)

Avena

A. brevis	S Ustilago hordei	W (46)
A. fatua	P Blumeria avenae	B
	R Puccinia coronata var. avenae f. sp. avenae	E, W (44, 46, 47)
	R Puccinia graminis	E
	S Ustilago hordei	E
A. sativa	P Blumeria avenae	E, I, S, W (43, 46, 49)
	R Puccinia coronata var. avenae f. sp. avenae	E, S, W (42-44, 46, 49, 52)
	R Puccinia graminis	E, S, W (43)
	S Ustilago avenae	E, S
	S Ustilago hordei	E, I, S, W (46, 49)
‘Blenda’	P Blumeria avenae	E
‘Condor’	P Blumeria avenae	E
‘Expression’	R Puccinia coronata var. avenae f. sp. avenae	W (49)
‘Maris Beacon’	P Blumeria avenae	E
‘Maris Osprey’	P Blumeria avenae	E
‘Maris Quest’	P Blumeria avenae	E
‘Maris Ranger’	P Blumeria avenae	E

Avena (cont.)

A. sativa (cont.)

'Naked Oats' R Puccinia coronata var. avenae f. sp. avenae W (49)

'Penarth' P Blumeria avenae E

A. sp. A Cladochytrium aurantiacum W (41)

. R Puccinia coronata var. avenae f. sp. avenae E, I, S, W (41, 45, 52)

R Puccinia graminis E, W (49)

A. sterilis

ssp. ludoviciana P Blumeria avenae W (46)

R Puccinia coronata var. avenae f. sp. avenae W (46)

R Puccinia graminis E

A. strigosa

P Blumeria avenae S

R Puccinia coronata var. avenae f. sp. avenae S

R Puccinia graminis S

S Ustilago hordei S, W (46)

'S. 75' S Ustilago avenae S, W (43)

Avenella

A. flexuosa

R Puccinia coronata E

R Puccinia graminis E, S, W (35, 41, 46, 48)

R Uromyces airae-flexuosae E, S, W (35, 41-44, 46-49, 51, 52)

Avenula

A. pubescens

R Puccinia coronata E

Baldellia

B. ranunculoides

A Physoderma maculare E, W (41, 46, 52)

Ballota

B. nigra

P Neoerysiphe galeopsidis E, W (41, 46)

ssp. foetida var. mollissima

W Ramularia lamii var. minor E

Baptisia

B. alba × australis

P Golovinomyces cichoracearum E

B. australis

P Erysiphe baptisiae E

Barbarea

B. intermedia

D Albugo candida s.l. W (49)

W Ramularia armoraciae W (46)

B. verna

D Albugo candida s.l. W (46, 49)

D Hyaloperonospora barbareae W (42, 46, 49)

W Ramularia armoraciae E

Barbarea (cont.)

B. vulgaris	D Albugo candida s.l.	E, I
	P Erysiphe cruciferarum	B
	W Ramularia armoraciae	I

Bartsia

B. alpina	P Podosphaera phtheirospermi	B
B. sp.	R Coleosporium euphrasiae	I

Begonia

B. minor agg.	P Golovinomyces orontii	S
B. nitida	P Erysiphe begoniicola	S
B. rex	P Erysiphe begoniicola	W (51)
‘Gloire de Lorraine’	P Erysiphe begoniicola	W (51)
B. ‘Semperflorens’	P Erysiphe begoniicola	W (46)
B. sp.	P Golovinomyces orontii	E
	P Erysiphe begoniicola	E, S, W (41, 51)
B. sutherlandii	P Erysiphe begoniicola	S
	P Golovinomyces orontii	S
B. × tuberhybrida	P Erysiphe begoniicola	W (51)

Bellevalia

B. sp.	R Uromyces muscari	S
--------	--------------------	---

Bellis

B. perennis	S Entyloma bellidis	E, S, W (42, 43)
	P Golovinomyces asterum var. asterum	E, W (41, 44-46, 49)
	A Ligniera junci	E, W (46)
	A Olpidium radicale s.l.	W (46)
	A Protomyopsis bellidis	S
	R Puccinia lagenophorae	E, I, S, W (35, 41-52)
	R Puccinia obscura	E, I, S, W (41, 48, 49, 52)
	A Synchytrium aureum s.l.	S
cv.	R Puccinia lagenophorae	E, S, W (44, 46-50, 52)
‘Flore Pleno’	R Puccinia lagenophorae	E
‘Goliath’	R Puccinia lagenophorae	E
‘Monstrosa’	R Puccinia lagenophorae	E
‘Pomponette’	R Puccinia lagenophorae	E
‘Tasso Strawberry and Cream’	R Puccinia lagenophorae	W (49)

Berberis

B. aggregata	P Erysiphe berberidis var. berberidis	E
B. amurensis	P Erysiphe berberidis var. berberidis	B
B. asiatica	W Ramularia berberidis	E

Berberis (cont.)

B. × bidentata	P Erysiphe berberidis var. berberidis	B
B. boissieri	P Erysiphe berberidis var. berberidis	B
B. canadensis	P Erysiphe berberidis var. berberidis	B
B. chinensis	P Erysiphe berberidis var. berberidis	B
B. circumserrata	P Erysiphe berberidis var. berberidis	B
B. × declinata	P Erysiphe berberidis var. berberidis	B
B. diaphana	P Erysiphe berberidis var. berberidis	B
B. dictyophyllum	P Erysiphe berberidis var. berberidis	B
B. empetrifolia	P Erysiphe berberidis var. berberidis	B
B. gagnepanii	P Erysiphe berberidis var. berberidis	B
B. holstii	P Erysiphe berberidis var. berberidis	B
B. hookeri	P Erysiphe berberidis var. berberidis	S
B. humido-umbrosa	P Erysiphe berberidis var. berberidis	B
B. jaeschkeana	P Erysiphe berberidis var. berberidis	B
B. jamesiana	P Erysiphe berberidis var. berberidis	B
B. lepidifolia	P Erysiphe berberidis var. berberidis	B
B. ludlowii	P Erysiphe berberidis var. berberidis	B
B. morrisonensis	P Erysiphe berberidis var. berberidis	B
B. parviflora	P Erysiphe berberidis var. berberidis	B
B. × ottawensis	P Erysiphe berberidis var. berberidis	E, W (46)
	R Puccinia graminis	S
B. pinnata	P Erysiphe berberidis var. berberidis	E
	R Puccinia mirabilissima	S
B. polyantha	P Erysiphe berberidis var. berberidis	E
B. pruinosa	P Erysiphe berberidis var. berberidis	B
B. repens	P Erysiphe berberidis var. berberidis	B
B. sargentiana	P Erysiphe berberidis var. berberidis	B
B. silva-taroucana	P Erysiphe berberidis var. berberidis	B
B. sp.	P Erysiphe berberidis var. berberidis	E
	R Puccinia graminis	E, I, S
B. suberecta	P Erysiphe berberidis var. berberidis	B
B. thunbergii f. atropurpurea	P Erysiphe berberidis var. berberidis	E, I, S,
		W (41-44, 46, 47, 49)
	R Puccinia graminis	W (42, 44, 46)
B. tsarongensis	P Erysiphe berberidis var. berberidis	B
B. umbellata	P Erysiphe berberidis var. berberidis	B
B. verna	P Erysiphe berberidis var. berberidis	B
B. vulgaris	P Erysiphe berberidis var. berberidis	E, I, S,
		W (42, 43, 46)
	P Phyllactinia berberidis	E
	R Puccinia graminis	E, S, W (42-44, 46, 47)
B. wilsoniae	P Erysiphe berberidis var. berberidis	B

Berula

B. erecta	S Entyloma helosciadii	I
	P Erysiphe heraclei	E
	A Physoderma vagans	I, S
	A Protomyces macrosporus	E, I, W (44)
	R Uromyces lineolatus	E

Beta

B. sp.	P Erysiphe betae	I, W (41, 49-51)
	W Ramularia beticola	E, W (47)
B. trigyna	P Erysiphe betae	B
B. vulgaris	W Ramularia beticola	E
cv.	P Erysiphe betae	E
'Sanguinea'	R Uromyces beticola	W (44)
ssp. cicla	R Uromyces beticola	E, W (43-46, 48, 49)
'Orange Fantasia'	R Uromyces beticola	W (44)
'T.S. Hard'	R Uromyces beticola	W (44)
'Vulcan'	R Uromyces beticola	W (44)
var. cicla	P Erysiphe betae	E, W (49)
	W Ramularia beticola	E, W (42, 49)
var. flavescens	W Ramularia beticola	E, W (42, 43, 46, 47)
	R Uromyces beticola	E, S, W (43, 44, 46)
ssp. maritima	P Erysiphe betae	E, I, W (44-46, 49-52)
	A Olpidium brassicae s.l.	W (46)
	D Peronospora schachtii	E, I, W (49, 52)
	A Physoderma leproides	E
	W Ramularia beticola	I, S, W (51)
	R Uromyces beticola	E, I, S, W (35, 41, 44, 45, 49-52)
ssp. rapacea 'Tonda di Chioggia'	R Uromyces beticola	W (44)
ssp. vulgaris	P Erysiphe betae	E, S
	A Olpidium brassicae s.l.	E
	D Peronospora schachtii	E, I, S, W (46)
	A Physoderma leproides	E
	A Polymyxa betae	E, I, S, W
	W Ramularia beticola	E, I, S, W (42, 43, 49)
	R Uromyces beticola	E, S, W (42, 43, 45, 49)
'Mangelwurzel'	R Uromyces beticola	S
var. rapacea	R Uromyces beticola	E, W (49)
'Boltardy'	P Erysiphe betae	E
'Tonda di Chioggia'	P Erysiphe betae	E
var. vulgaris	R Uromyces beticola	E

Betonica

B. officinalis	P Golovinomyces biocellatus s.l.	E
	P Neoerysiphe galeopsidis	E, W (42, 46, 49)
	R Puccinia betonicae	E, S, W (42-47, 49-51)

Betula

B. × aurata	R Melampsorium betulinum	I, W (41, 48)
B. ermanii	R Melampsorium betulinum	W (41, 44, 49)
	P Phyllactinia betulae	E
B. fontinalis	R Melampsorium betulinum	S
B. kamtschatica	P Phyllactinia betulae	W (46)
B. litwinowii	R Melampsorium betulinum	E
	P Phyllactinia betulae	E
B. nana	R Melampsorium betulinum	B
B. nigra	R Melampsorium betulinum	B
B. occidentalis	R Melampsorium betulinum	E, S
B. papyrifera	R Melampsorium betulinum	S
B. papyrifera × pendula	R Melampsorium betulinum	S
B. pendula	P Erysiphe ornata var. europaea	E, I, S, W (43, 46)
	R Melampsorium betulinum	E, I, S, W (35, 41-46, 48, 49, 51, 52)
	P Phyllactinia betulae	E, I, S, W (41, 46, 48, 49)
	A Taphrina betulae	E, S, W (46)
	A Taphrina betulina	E, I, S, W (42, 43, 46, 48-51)
B. pendula × pubescens ssp. celtiberica	A Taphrina betulina	W (43, 46)
B. pendula × pubescens ssp. pubescens	A Taphrina betulina	W (46)
B. populifolia	R Melampsorium betulinum	W (44)
B. pubescens	P Erysiphe ornata var. europaea	E, S, W (43, 46, 49)
	R Melampsorium betulinum	E, I, S, W (35, 41-44, 46, 48, 49, 52)
	R Melampsorium hiratsukanum	W (44)
	P Phyllactinia betulae	E, S, W (46, 49)
	A Taphrina betulae	E, I, S
	A Taphrina betulina	E, I, S, W (42, 43, 46-48)
ssp. celtiberica	P Erysiphe ornata var. europaea	W (42, 43, 48)
	R Melampsorium betulinum	I, W (47, 48)
	P Phyllactinia betulae	W (42, 43, 46-48)
	A Taphrina betulina	E, I, W (35, 42-44, 46-48)
ssp. pubescens	P Erysiphe ornata var. europaea	E, S, W (43, 44, 46)

Betula (cont)

B. pubescens (cont.)

ssp. pubescens (cont.)

	R	Melampsorium betulinum	W (35, 41, 42, 44, 46, 49)
	P	Phyllactinia betulae	E, W (43, 46)
	A	Taphrina betulae	W (46, 49)
	A	Taphrina betulina	E, I, S, W (42, 44, 46, 47, 49)
ssp. tortuosa	R	Melampsorium betulinum	S, W (42)
	A	Taphrina betulae	S
B. sp.	R	Melampsorium betulinum	E, I, S, W (35, 41-44, 48-52)
.	P	Phyllactinia betulae	E, S
	A	Taphrina betulae	E, I, S, W (43, 46, 50-52)
	A	Taphrina betulina	E, I, S, W (41-43, 46, 48-51)
B. utilis			
ssp. albosinensis	R	Melampsorium betulinum	W (49)
ssp. jacquemontii	P	Phyllactinia betulae	E, W (42, 46, 47)
var. jacquemontii	R	Melampsorium betulinum	S, W (44, 46, 49, 50)
'Inverleith'	R	Melampsorium betulinum	W (44)
'Multistem'	R	Melampsorium betulinum	W (44)
'Silver Shadow'	R	Melampsorium betulinum	W (44)

Bidens

B. cernua	P	Podosphaera xanthii	E
B. tripartita	P	Podosphaera xanthii	E

Biscutella

B. laevigata	P	Erysiphe cruciferarum	B
--------------	---	-----------------------	---

Bistorta

B. officinalis	S	Microbotryum bistortarum	E
	S	Microbotryum marginale	E
	R	Puccinia bistortae	E, S, W (35, 44)
	W	Ramularia bistortae	E, I, S, W (35, 42-46, 49)
B. vivipara	S	Microbotryum bistortarum	S
	R	Puccinia bistortae	S
	R	Puccinia septentrionalis	S

Bixa

B. sp.	P	Erysiphe quercicola	E
--------	---	---------------------	---

Blackstonia

B. perfoliata	D	Peronospora chlorae	E
---------------	---	---------------------	---

Blechnum

B. spicant	R	Milesina blechni	E, I, S, W (35, 41-52)
------------	---	------------------	------------------------

Blitum

B. bonus-henricus D Peronospora boni-henrici E, W (35, 52)

Bolboschoenus

B. maritimus S Urocystis bolboschoeni E
 R Uromyces lineolatus E, S, W (41, 44-46,
 49, 51, 52)

Borago

B. officinalis S Entyloma serotinum E, W (42, 43, 47-49)
 P Golovinomyces cynoglossi s.l. E, I, W (43, 45-49)

Brachypodium

B. pinnatum R Puccinia brachypodii E, S, W (44)
 R Puccinia coronata E
 R Puccinia striiformis E
 S Tilletia olida E
 B. sylvaticum P Blumeria graminis s.s. E, W (44)
 R Puccinia brachypodii E, I, S, W (35, 41-52)
 R Puccinia coronata E
 R Puccinia striiformis E, S, W (44, 49, 52)
 S Ustilago striiformis E

Brassica

B. cv. D Hyaloperonospora brassicae s.s. W (42, 49-51)
 B. juncea P Erysiphe cruciferarum E
 B. napus P Erysiphe cruciferarum E, S
 D Hyaloperonospora brassicae s.s. E, S, W (35,
 46, 49, 50)
 A Plasmodiophora brassicae E, W (43)
 ssp. oleifera P Erysiphe cruciferarum E, W (43)
 D Hyaloperonospora brassicae s.s. E, W (43)
 A Olpidium brassicae s.l. E
 A Plasmodiophora brassicae E
 ssp. rapifera P Erysiphe cruciferarum E
 D Hyaloperonospora brassicae s.s. E
 A Plasmodiophora brassicae E, W (49, 50, 51, 52)
 'Bangholm Hernig'
 A Plasmodiophora brassicae W (46)
 'Bangholm Studsgaard'
 A Plasmodiophora brassicae W (46)
 'Best of All' A Plasmodiophora brassicae W (46)
 'Elephant' A Plasmodiophora brassicae W (46)
 'Lord Derby' A Plasmodiophora brassicae W (46, 49)
 'Model' A Plasmodiophora brassicae W (49)
 'Viking' A Plasmodiophora brassicae W (49)

Brassica (cont.)

Brassica napus (cont.)

ssp. rapifera (cont.)

'Welsh Tankard' A Plasmodiophora brassicae W (49)

'Wilhelmsburger' A Plasmodiophora brassicae E

'Yellow Turnip' A Plasmodiophora brassicae W (46, 49)

var. napobrassica P Erysiphe cruciferarum S

B. nigra D Albugo candida s.l. E

P Erysiphe cruciferarum E, W (46, 49, 52)

D Hyaloperonospora brassicae s.s. E

A Plasmodiophora brassicae B

B. oleracea D Albugo candida s.l. E, I

D Hyaloperonospora brassicae s.s. E, I, S,

W (35, 41, 47, 50, 51)

A Olpidium brassicae s.l. E

P Erysiphe cruciferarum W (46, 48)

cv. var. acephala P Erysiphe cruciferarum S

'Russian Red' P Erysiphe cruciferarum W (48)

ssp. botrytis A Plasmodiophora brassicae W (46)

var. botrytis D Albugo candida s.l. E, S, W (46, 49)

P Erysiphe cruciferarum S

'Romanesco' D Hyaloperonospora brassicae s.s. W (43)

var. capitata D Albugo candida s.l. E, W (49)

P Erysiphe cruciferarum S

D Hyaloperonospora brassicae s.s. E, I, S, W (42)

var. gemmifera D Albugo candida s.l. E, W (46)

P Erysiphe cruciferarum E, S, W (46)

D Hyaloperonospora brassicae s.s. E, I, S

ssp. gongylodes A Plasmodiophora brassicae E

var. italica D Albugo candida s.l. W (49, 52)

var. viridis D Albugo candida s.l. W (46)

D Hyaloperonospora brassicae s.s. E, S, W (46)

B. pekinensis D Hyaloperonospora brassicae s.s. E

B. rapa D Albugo candida s.l. I, W (43)

A Plasmodiophora brassicae E

ssp. campestris D Albugo candida s.l. W (46, 49, 52)

P Erysiphe cruciferarum S, W (49)

D Hyaloperonospora brassicae s.s. W (49)

A Plasmodiophora brassicae E

ssp. rapa D Hyaloperonospora brassicae s.s. E, S

P Erysiphe cruciferarum E, W (49)

var. chinensis P Erysiphe cruciferarum W (43)

B. sp. A Plasmodiophora brassicae E, S

Brimeura

B. fastigiata R Uromyces hyacinthi S

Briza

B. media P Blumeria graminis s.l. B
 R Puccinia graminis E, S, W (44)

Bromopsis

B. erecta P Blumeria graminis s.l. B
 R Puccinia bromina E, W (41)
 S Tranzscheliella hypodytes E
 S Ustilago serpens E
 ssp. condensata P Blumeria graminis s.l. B
 B. inermis R Puccinia bromina E
 R Puccinia graminis S
 B. ramosa R Puccinia bromina E, I, S, W (42-44, 49, 51)
 R Puccinia coronati-calamagrostidis E, W (44)
 R Puccinia graminis E
 R Puccinia striiformis E

Bromus

B. adoensis P Blumeria bulbigerana B
 B. arvensis R Puccinia bromina E
 B. briziformis P Blumeria bulbigerana B
 R Puccinia graminis S
 S Ustilago bromivora E
 B. fibrosus P Blumeria bulbigerana B
 B. hordeaceus P Blumeria bulbigerana E, I, S, W (35, 43, 44, 46, 51)
 R Puccinia bromina E, S
 ssp. ferronii R Puccinia bromina E
 ssp. hordeaceus R Puccinia bromina E, W (35, 41-44,
 46, 47, 49)
 ssp. thominei S Ustilago bromivora E, W (52)
 R Puccinia bromina E, S
 B. interruptus P Blumeria bulbigerana W (42)
 R Puccinia bromina E
 B. japonicus P Blumeria bulbigerana B
 B. kalmii P Blumeria bulbigerana B
 B. lepidus R Puccinia bromina E
 B. pseudosecalinus R Puccinia bromina E
 B. × pseudothominei P Blumeria bulbigerana W (41)
 R Puccinia bromina E
 B. racemosus P Blumeria bulbigerana E, W (35, 43)
 R Puccinia bromina E, W (35, 44, 50)
 R Puccinia coronati-calamagrostidis B

Bromus (cont.)			
B. secalinus	R Puccinia bromina		E
	S Ustilago bromivora		E
B. sp.	P Blumeria bulbiger	B, W (45, 49)	
	R Puccinia striiformis		E
Brunnera			
B. macrophylla	P Golovinomyces cynoglossi s.l.	E, W (44)	
Bryonia			
B. dioica	P Golovinomyces orontii		B
Buddleja			
B. davidii	D Peronospora hariotii	E, W (43, 45, 48, 49, 52)	
B. globosa	D Peronospora hariotii		E
Buglossoides			
B. arvensis	P Golovinomyces asperifolii		W (52)
Bulbocodium			
B. vernum*	S Urocystis colchici		B
Bunias			
B. orientalis	W Ramularia armoraciae		E
Bunium			
B. bulbocastanum	R Puccinia bulbocastani		E, S
Bupthalmum			
B. speciosus	W Ramularia telekiae		B
Bupleurum			
B. tenuissimum	R Puccinia bupleuri		E
Buxus			
B. balearica	R Puccinia buxi	E, I, W (49)	
B. microphylla	R Puccinia buxi		W (35)
B. sempervirens	R Puccinia buxi	E, I, S, W (35, 41-52)	
'Aurea'	R Puccinia buxi		W (44)
'Aureovariegata'	R Puccinia buxi		W (46)
'Elegantissima'	R Puccinia buxi		W (46)
'Handsworthiensis'	R Puccinia buxi		E
'Suffruticosa'	R Puccinia buxi	W (41-44, 46)	
'Variegata'	R Puccinia buxi	E, W (44)	
Cacalia			
C. hastata	R Coleosporium cacaliae		S
C. suaveolens	R Coleosporium cacaliae		B

Cakile

C. maritima D *Albugo candida* s.l. W (44, 46, 49, 52)

Calamagrostis

C. × acutiflora 'Karl Foerster'

R *Puccinia coronati-calamagrostidis* W (44)

C. canescens R *Puccinia coronati-calamagrostidis* E

R *Puccinia pygmaea* W (42)

S *Ustilago scrobiculata* E

S *Ustilago striiformis* E

C. cv. R *Puccinia pygmaea* W (44, 46)

C. epigejos P *Blumeria graminis* E

R *Puccinia coronata* var. *coronata* E, W (41)

R *Puccinia pygmaea* E, S, W (46, 52)

×Calammophila

×*C. baltica* var. *baltica* R *Puccinia elymi* E

R *Puccinia pygmaea* E

Calanthe

C. reflexa R *Coleosporium* sp. E

Calendula

C. arvensis P *Podosphaera xanthii* B

C. officinalis R *Coleosporium calendulae* E, S

S *Entyloma calendulae* E, I, S, W (41-43, 46, 47)

P *Golovinomyces cichoracearum* E

P *Podosphaera xanthii* E, S, W (35, 42-50, 52)

'Gypsy Festival' P *Podosphaera xanthii* W (44)

C. sp. P *Podosphaera xanthii* W (41)

C. suffruticosa P *Podosphaera xanthii* B

C. vulgaris R *Puccinia lagenophorae* W (46)

Callistephus

C. chinensis P *Golovinomyces cichoracearum* B

Callitriche

C. stagnalis A *Ligniera junci* E

A *Oplidium radicale* s.l. W (46)

Calluna

C. vulgaris cv. P *Pseudoidium* sp. S

Caltha

- C. palustris* P *Erysiphe aquilegiae* var. *aquilegiae* E, S,
W (43, 44, 46, 52)
R *Puccinia calthae* E, I, S, W (43-46, 48, 49, 52)
R *Puccinia calthicola* E, I, S, W (41-47, 49, 52)
W *Ramularia calthae* E, I, S, W (43-46
49, 52)
A *Synchytrium aureum* s.l. B

Calycanthus

- C. sp.* P *Phyllactinia calycanthi* E, S

Calystegia

- C. × lucana* R *Puccinia convolvuli* E
S *Thecaphora seminis-convolvuli* E
- C. sepium* P *Erysiphe convolvuli* var. *calystegiae* E, S,
W (44, 49)
R *Puccinia convolvuli* E
S *Thecaphora seminis-convolvuli* E, W (41,
46, 49)
- ssp. *sepium* P *Erysiphe convolvuli* var. *calystegiae* E, I, W (46)
S *Thecaphora seminis-convolvuli* E, W (43,
46, 47)
- C. silvatica* P *Erysiphe convolvuli* var. *calystegiae* E, W (46)
S *Thecaphora seminis-convolvuli* E, I, W (35,
41, 43)
- ssp. *silvatica* P *Erysiphe convolvuli* var. *calystegiae* E
- C. soldanella* P *Erysiphe convolvuli* var. *convolvuli* M
S *Thecaphora seminis-convolvuli* E
- C. sp.* P *Erysiphe convolvuli* E
P *Erysiphe convolvuli* var. *calystegiae* E, W (35,
41, 49-51)

Camelina

- C. microcarpa* D *Hyaloperonospora camelinae* W (49)
- C. sativa* D *Hyaloperonospora camelinae* E

Camellia

- C. japonica* S *Exobasidium camelliae* E, W (46)
- C. sinensis* S *Exobasidium camelliae* W (41)
- C. sp.* S *Exobasidium camelliae* E, W (41, 44, 45, 52)

Campanula

<i>C. carpatica</i> var. <i>turbinata</i>	R <i>Coleosporium campanulae</i>	E
<i>C. cochleariifolia</i>	D <i>Peronospora corollae</i>	E
<i>C. 'Elizabeth'</i>	R <i>Coleosporium campanulae</i>	E
<i>C. glomerata</i>	R <i>Coleosporium campanulae</i>	E, S, W (51)
	P <i>Golovinomyces orontii</i>	S
	W <i>Ramularia macrospora</i>	E
cv.	R <i>Coleosporium campanulae</i>	E
<i>C. isophylla</i>	R <i>Coleosporium campanulae</i>	S
<i>C. latifolia</i>	R <i>Coleosporium campanulae</i>	E
	P <i>Golovinomyces orontii</i>	E
	W <i>Ramularia campanulae-latifoliae</i>	S
	W <i>Ramularia macrospora</i>	W (43)
<i>C. medium</i>	R <i>Puccinia campanulae</i>	E
<i>C. persicifolia</i>	R <i>Coleosporium campanulae</i>	E, S, W (42, 43, 52)
	P <i>Golovinomyces orontii</i>	B
	R <i>Puccinia campanulae</i>	W (47)
	W <i>Ramularia macrospora</i>	E, I, S
var. <i>planiflora</i> 'Alba'	R <i>Coleosporium campanulae</i>	B
<i>C. punctata</i>		
'Pantaloons'	R <i>Coleosporium campanulae</i>	E
'Pink Chimes'	R <i>Coleosporium campanulae</i>	E
<i>C. pyramidalis</i>	W <i>Ramularia macrospora</i>	S
<i>C. rapunculoides</i>	R <i>Coleosporium campanulae</i>	E
	W <i>Ramularia macrospora</i>	E
<i>C. rapunculus</i>	R <i>Puccinia campanulae</i>	B
<i>C. rotundifolia</i>	R <i>Coleosporium campanulae</i>	E, I, S, W (35, 42-44, 46-52)
	R <i>Puccinia campanulae</i>	E, S, W (44, 49, 52)
	W <i>Ramularia macrospora</i>	S
ssp. <i>montana</i>	R <i>Coleosporium campanulae</i>	S
<i>C. rupicola</i> 'Sarastro'	R <i>Coleosporium campanulae</i>	E
<i>C. sp.</i>	R <i>Coleosporium campanulae</i>	E, I, S
<i>C. trachelium</i>	R <i>Coleosporium campanulae</i>	E, I, S, W (44, 49)
cv.	R <i>Coleosporium campanulae</i>	E

Capparis

<i>C. spinosa</i>	D <i>Albugo capparis</i>	E
-------------------	--------------------------	---

Capsella

C. bursa-pastoris	D Albugo candida s.s.	E, I, S, W (35, 41-50, 52)
	P Erysiphe cruciferarum	E, I, S, W (35, 43, 46, 47, 49, 52)
	P Golovinomyces orontii	E
	D Hyaloperonospora parasitica s.s.	E, I, S, W (42, 44, 46, 49)
	A Olpidium radicale s.l.	W (46)
	A Plasmodiophora brassicae	B
	A Synchytrium aureum s.l.	B

Caragana

C. arborescens	P Erysiphe palczewskii	E
C. aurantiaca	P Erysiphe palczewskii	E
C. brevispina	P Erysiphe palczewskii	E

Caralluma

C. sp.	P Golovinomyces orontii	S
--------	-------------------------	---

Cardamine

C. amara	D Albugo candida s.l.	E, W (44)
	D Hyaloperonospora nasturtii-aquatici	E
	W Ramularia cardamines	E
C. bulbifera	D Hyaloperonospora dentariae	E
C. flexuosa	D Albugo candida s.l.	E, S, W (35, 41-46, 48-50, 52)
	D Hyaloperonospora nasturtii-aquatici	E, I, W (35, 42-44, 46, 49)
	W Ramularia cardamines	E, W (44, 46, 47)
C. heptaphylla	P Erysiphe cruciferarum	E
C. hirsuta	D Albugo hohenheimia	E, I, S, W (35, 41-49, 52)
	D Hyaloperonospora nasturtii-aquatici	E, I, S, W (35, 42-46)
	W Ramularia cardamines	S
C. impatiens	D Albugo candida s.l.	E
C. pratensis	D Albugo leimonia	E, S, W (43, 44, 46, 49, 52)
	D Hyaloperonospora nasturtii-aquatici	W (43, 44, 50)
	W Ramularia cardamines	W (49-52)
	A Synchytrium aureum s.l.	S
C. sp.	P Erysiphe cruciferarum	S
	W Ramularia cardamines	E, I, W (49, 52)
	A Synchytrium aureum s.l.	S

Carduus

<i>C. acanthoides</i>	P <i>Golovinomyces montagnei</i>	E
	R <i>Puccinia cardui-pycnocephali</i>	B
<i>C. crispus</i>	P <i>Golovinomyces montagnei</i>	E, W (43, 46)
	R <i>Puccinia carduorum</i>	E, S, W (42, 43)
	W <i>Ramularia cynarae</i>	E
	D <i>Bremia cirsii</i>	E
ssp. <i>multiflorus</i>	R <i>Puccinia carduorum</i>	E
	P <i>Golovinomyces montagnei</i>	E
<i>C. nutans</i>	R <i>Puccinia carduorum</i>	E, I, W (41, 42, 44, 46, 50, 52)
	W <i>Ramularia cynarae</i>	E, W (43, 50)
	R <i>Puccinia carduorum</i>	E, I, S
<i>C. pycnocephalus</i>	R <i>Puccinia carduorum</i>	E, I, S
<i>C. sp.</i>	R <i>Puccinia cnici-oleracei</i>	E
	W <i>Ramularia cynarae</i>	E
<i>C. × stangii</i>	R <i>Puccinia carduorum</i>	B
<i>C. tenuiflorus</i>	P <i>Golovinomyces montagnei</i>	E, W (41, 52)
	R <i>Puccinia carduorum</i>	E, W (41, 46, 49, 52)
	W <i>Ramularia cynarae</i>	E

Carex

<i>C. acuta</i>	R <i>Puccinia pringsheimiana</i>	E, W (42, 43, 52)
	R <i>Puccinia urticae-acutae</i>	E
<i>C. acutiformis</i>	S <i>Farysia thuemenii</i>	E, W (52)
	R <i>Puccinia urticae-acutiformis</i>	E, S, W (35, 42-44, 46, 48-52)
	R <i>Puccinia opizii</i>	E
<i>C. appropinquata</i>	R <i>Puccinia caricina</i>	S, W (44, 46)
<i>C. aquatilis</i>	S <i>Anthracoidea arenariae</i>	E, I, S, W (41, 44-46, 48, 49, 51, 52)
<i>C. arenaria</i>	R <i>Puccinia schoeleriana</i>	E, S, W (44, 52)
	S <i>Anthracoidea bigelowii</i>	S
<i>C. bigelowii</i>	R <i>Puccinia paludosa</i>	E, S, W (46, 48)
	R <i>Puccinia caricina</i> s.l.	E, I, S, W (35, 42-44, 46-49, 52)
<i>C. binervis</i>	S <i>Anthracoidea karii</i>	S
<i>C. canescens</i>	S <i>Anthracoidea capillaris</i>	S
	R <i>Puccinia silvatica</i>	S
<i>C. capillaris</i>	S <i>Anthracoidea caryophylleae</i>	S
	R <i>Puccinia caricina</i> s.l.	E, W (41, 49)
	S <i>Schizonella melanogramma</i>	W (41, 43)
	S <i>Urocystis fischeri</i>	W (41)
<i>C. caryophyllea</i>	S <i>Anthracoidea bigelowii</i>	S
	R <i>Puccinia paludosa</i>	W (46)
<i>C. × decolorans</i>	S <i>Anthracoidea bigelowii</i>	S
	R <i>Puccinia paludosa</i>	W (46)

Carex (cont.)

<i>C. demissa</i>	A <i>Ligniera junci</i>	W (44)
	R <i>Puccinia schroeteriana</i>	I, S, W (43, 44, 46, 48, 49, 52)
<i>C. diandra</i>	S <i>Urocystis fischeri</i>	S
	R <i>Puccinia caricina</i>	B
<i>C. dioica</i>	S <i>Anthracoidea turfosa</i>	S
	R <i>Puccinia dioicae</i>	I, S, W (42, 46, 49)
<i>C. distans</i>	R <i>Puccinia sylvatica</i>	S
	R <i>Puccinia urticata</i> s.l.	E
<i>C. disticha</i>	R <i>Puccinia dioicae</i> s.l.	B
	R <i>Puccinia ptarmicae-caricis</i>	B
<i>C. divulsa</i>	R <i>Puccinia opizii</i>	B
<i>C. echinata</i>	S <i>Anthracoidea karii</i>	I, S
	R <i>Puccinia urticata</i> s.l.	W (44)
<i>C. elata</i>	R <i>Puccinia caricina</i> s.l.	E, I
	R <i>Puccinia paludosa</i>	E, W (41, 42, 46, 52)
	R <i>Puccinia urticae-acutae</i>	E
	R <i>Puccinia paludosa</i>	E, W (41, 42, 44, 46)
'Aurea'	S <i>Schizonella melanogramma</i>	E
<i>C. ericetorum</i>	R <i>Puccinia extensicola</i>	E, I, W (44-46, 49, 51, 52)
<i>C. extensa</i>	S <i>Anthracoidea pratensis</i>	E, I, S, W (50, 52)
	R <i>Puccinia urticae-flaccae</i>	E, I, S, W (41-50, 52)
<i>C. flacca</i>	S <i>Schizonella cocconii</i>	E, S
	S <i>Urocystis fischeri</i>	E, I, S, W (44, 46, 49, 52)
	R <i>Puccinia caricina</i> s.l.	B
<i>C. flagellifera</i> *	R <i>Puccinia caricina</i>	W (42, 46, 48)
<i>C. × fulva</i>	S <i>Urocystis fischeri</i>	W (49)
	S <i>Anthracoidea subinclusa</i>	E
<i>C. hirta</i>	R <i>Puccinia urticae-hirtae</i>	E, I, S, W (35, 41-44, 46, 49-52)
	S <i>Anthracoidea hostianae</i>	S
<i>C. hostiana</i>	R <i>Puccinia caricina</i> s.l.	S, W (41, 42, 45, 46, 49, 52)
	R <i>Puccinia schroeteriana</i>	W (52)
	R <i>Puccinia caricina</i> s.l.	E
<i>C. humilis</i>	S <i>Anthracoidea inclusa</i>	S
<i>C. × involuta</i>	R <i>Puccinia caricina</i>	B
	R <i>Puccinia caricina</i> var. <i>caricina</i>	E, W (41, 42, 44, 46, 47, 52)
<i>C. laevigata</i>	S <i>Anthracoidea lasiocarpae</i>	S
	S <i>Anthracoidea subinclusa</i>	E
<i>C. lasiocarpa</i>	R <i>Puccinia ribis-nigra-lasiocarpae</i>	S
	R <i>Puccinia dioicae</i> s.l.	S
<i>C. lepidocarpa</i>		

Carex (cont.)

<i>C. leporina</i>	R <i>Puccinia silvatica</i>	E, S, W (41-44, 46, 47, 49)	
<i>C. limosa</i>	S <i>Anthracoidea limosa</i>	S	
	S <i>Entorrhiza caricicola</i>	W (46)	
<i>C. maritima</i>	R <i>Puccinia dioicae</i> s.l.	S	
	R <i>Puccinia schoeleriana</i>	S	
<i>C. montana</i>	R <i>Puccinia dioicae</i> s.l.	B	
<i>C. muricata</i>	ssp. <i>muricata</i>	R <i>Puccinia opizii</i>	B
	ssp. <i>pairae</i>	S <i>Anthracoidea vankyi</i>	S
<i>C. nigra</i>	R <i>Puccinia opizii</i>	W (42, 43, 46, 51)	
	A <i>Physoderma heleocharidis</i>	E	
	R <i>Puccinia caricina</i> s.l.	E, S, W (42, 43, 46)	
	R <i>Puccinia paludosa</i>	E, S, W (35, 41-46, 48, 49, 52)	
	R <i>Puccinia pringsheimiana</i>	S, W (46)	
	R <i>Puccinia uliginosa</i>	S, W (48, 52)	
	R <i>Puccinia urticae-acuteae</i>	E, W (42, 44, 46, 52)	
	S <i>Urocystis fischeri</i>	S	
	ssp. <i>juncella</i>	R <i>Puccinia caricina</i> s.l.	B
	<i>C. otrubae</i>	R <i>Puccinia caricina</i> s.l.	E, W (35)
<i>C. pallascens</i>	S <i>Anthracoidea pseudirregularis</i>	S	
	R <i>Puccinia biporospora</i>	E, S, W (35, 41-43, 46)	
<i>C. panicea</i>	S <i>Anthracoidea paniceae</i>	E, I, S, W (46, 50)	
	R <i>Puccinia biporospora</i>	S	
	R <i>Puccinia caricina</i> s.l.	E, S	
	R <i>Puccinia paludosa</i>	E, S, W (35, 44, 46, 48, 49)	
	R <i>Puccinia urticae-paniceae</i>	E, I, W (46)	
	S <i>Urocystis fischeri</i>	S	
<i>C. paniculata</i>	R <i>Puccinia opizii</i>	E, S, W (41, 44, 46)	
	R <i>Puccinia ribis-nigri-paniculatae</i>	E, S, W (41, 43-46, 48-50, 52)	
<i>C. pendula</i>	S <i>Farysia thuemenii</i>	E, I, S, W (41, 42, 44-49, 52)	
	R <i>Puccinia petasites-pendulae</i>	I	
	R <i>Puccinia ribesii-pendulae</i>	E, I, S, W (35, 41-47, 49-52)	
<i>C. pilulifera</i>	R <i>Puccinia urticae</i> s.l.	E	
	S <i>Anthracoidea caricis</i>	S, W (44)	
<i>C. pseudocyperus</i>	R <i>Puccinia caricina</i>	E, W (44, 46)	
	R <i>Puccinia urticae-acuteiformis</i>	E, W (44, 49)	
<i>C. pulicaris</i>	S <i>Anthracoidea pulicaris</i>	E, S	
<i>C. recta</i>	S <i>Anthracoidea heterospora</i>	S	

Carex (cont.)

<i>C. riparia</i>	S Anthracoidea subinclusa	E, I, S, W (44)
	S Farysia thuemenii	E, I, S, W (41, 44)
	R Puccinia magnusii	E, I, S, W (35, 44-46, 52)
	R Puccinia urticae-ripariae	E, S, W (44, 46)
<i>C. rostrata</i>	S Anthracoidea inclusa	S
	S Anthracoidea subinclusa	S
	R Puccinia caricina	E, I, S, W (44)
	R Puccinia urticae-inflatae	E, I, S, W (43-47, 52)
<i>C. spicata</i>	R Puccinia opizii	E, W (41)
<i>C. × subgracilis</i>	R Puccinia caricina	E
<i>C. × turfosa</i>	R Puccinia caricina s.l.	E
<i>C. vesicaria</i>	S Anthracoidea inclusa	S
	R Puccinia microsora	S
	R Puccinia urticae-vesicariae	E, S, W (42-44, 46, 49)

Carica

<i>C. papaya</i>	P Erysiphe caricae	C
------------------	--------------------	---

Carlina

<i>C. vulgaris</i>	R Puccinia divergens	E, W (35, 41-44, 46-49, 51, 52)
--------------------	----------------------	---------------------------------

Carpinus

<i>C. betulus</i>	P Erysiphe arcuata	E, W (41, 44, 46, 49-51)
	P Erysiphe carpinicola	E
	P Phyllactinia carpini	E, W (51)
	A Taphrina carpini	E, S, W (41, 43, 44, 46, 48)

Carthamus

<i>C. caeruleus</i>	P Golovinomyces montagnei	B
<i>C. tinctorius</i>	P Golovinomyces montagnei	B
*	R Puccinia carthami	S

Castanea

<i>C. sativa</i>	P Erysiphe alphitoides	E
	P Phyllactinia roboris	W (44)

Catabrosa

<i>C. aquatica</i>	A Hillenburgia radicalis	E
--------------------	--------------------------	---

Catalpa

<i>C. bignonioides</i>	P Erysiphe catalpae	E
	P Erysiphe elevata	E, W (46)
'Aurea'	P Erysiphe elevata	E
	P Neoerysiphe galeopsidis	E

Catalpa (cont.)

<i>C. × erubescens</i>	P <i>Erysiphe elevata</i>	E
'Purpurea'	P <i>Erysiphe elevata</i>	E
<i>C. sp.</i>	P <i>Fibroidium hiratae</i>	E, S
	P <i>Erysiphe elevata</i>	E, W (46)
<i>C. speciosa</i>	P <i>Erysiphe elevata</i>	E
	P <i>Neoerysiphe galeopsidis</i>	E

Catananche

<i>C. caerulea</i>	P <i>Golovinomyces cichoracearum</i>	B
	P <i>Neoerysiphe nevoi</i>	E
<i>C. sp.</i>	P <i>Golovinomyces cichoracearum</i>	B

Catapodium

<i>C. marinum</i>	P <i>Blumeria graminis</i> s.l.	W (46)
-------------------	---------------------------------	--------

Cattleya

<i>C. dowiana</i> *	R <i>Desmosorus oncidii</i>	E
---------------------	-----------------------------	---

Cenchrus

<i>C. americanus</i>	S <i>Sclerospora graminicola</i>	E
----------------------	----------------------------------	---

Centaurea

<i>C. calcitrapa</i>	R <i>Puccinia centaureae</i>	E, S
<i>C. cyanus</i>	D <i>Bremia lactucae</i> s.l.	E
	P <i>Golovinomyces montagnei</i>	E, S
	R <i>Puccinia cyani</i>	E, S
<i>C. cynaroides</i>	P <i>Golovinomyces montagnei</i>	B
<i>C. dealbata</i>	P <i>Golovinomyces montagnei</i>	B
<i>C. debeauxii</i>	R <i>Puccinia centaureae</i>	W (46)
	R <i>Puccinia jaceae</i>	S, W (46)
<i>C. kotschyana</i>	P <i>Golovinomyces montagnei</i>	B
<i>C. macrocephala</i>	P <i>Golovinomyces montagnei</i>	B
<i>C. macroptilon</i>	P <i>Golovinomyces montagnei</i>	B
<i>C. montana</i>	P <i>Golovinomyces depressus</i>	E, W (41-44, 46, 48, 49, 52)
	P <i>Golovinomyces montagnei</i>	E
	R <i>Puccinia montana</i>	W (51)
'Purple Heart'	P <i>Golovinomyces depressus</i>	W (50)
<i>C. nigra</i>	D <i>Bremia centaureae</i>	E, I, S, W (43, 44, 46, 48-50)
	P <i>Golovinomyces montagnei</i>	E, I, S, W (41-44, 46, 47, 49, 52)
	R <i>Puccinia centaureae</i>	E, I, S, W (35, 41-44, 46, 48-52)
	R <i>Puccinia jaceae</i>	E, S, W (35, 41-49, 52)

Centaurea (cont.)*C. nigra* (cont.)

	W <i>Ramularia triboutiana</i>	E, I, S, W (41-44, 46, 47, 49-52)
<i>C. oxylepis</i>	P <i>Golovinomyces montagnei</i>	B
<i>C. scabiosa</i>	D <i>Bremia lactucae</i> s.l.	E, S
	P <i>Golovinomyces montagnei</i>	E, W (52)
	R <i>Puccinia centaureae</i>	E, I, S, W (44)
	R <i>Puccinia jaceae</i>	W (41, 44)
	W <i>Ramularia triboutiana</i>	E

Centaureium

<i>C. erythraea</i>	D <i>Peronospora erythraeae</i>	E, W (43, 44, 46, 49)
---------------------	---------------------------------	-----------------------

Centranthus

<i>C. ruber</i>	R <i>Endophyllum centranthi-rubri</i>	E
	P <i>Golovinomyces orontii</i>	E, W (44, 46, 48-50)
	D <i>Peronospora centranthi</i>	E
	R <i>Puccinia commutata</i>	E, W (41)
	W <i>Ramularia valerianae</i> var. <i>centranthi</i>	E, I, W (42-46, 48-50, 52)

Cephalaria

<i>C. sp. cv.</i>	P <i>Podosphaera dipsacacearum</i>	B
-------------------	------------------------------------	---

Cerastium

<i>C. alpinum</i>	R <i>Melampsorella caryophyllacearum</i>	E
	D <i>Peronospora conferta</i>	S
<i>C. arvense</i>	R <i>Melampsorella caryophyllacearum</i>	E, S
<i>C. diffusum</i>	A <i>Ligniera junci</i>	W (46)
	S <i>Microbotryum duriaeanum</i>	W (46)
	D <i>Peronospora paula</i>	S
<i>C. fontanum</i>	R <i>Melampsorella caryophyllacearum</i>	E, I, S, W (45)
<i>ssp. holosteoides</i>	R <i>Melampsorella caryophyllacearum</i>	S, W (45)
	D <i>Peronospora conferta</i>	E?, I, S
	R <i>Puccinia arenariae</i>	E
<i>ssp. vulgare</i>	A <i>Ligniera junci</i>	E
	R <i>Melampsorella caryophyllacearum</i>	S, W (42)
	D <i>Peronospora conferta</i>	E, I, S, W (42-52)
	D <i>Peronospora paula</i>	E, W (35, 43, 44, 46, 48)
	W <i>Ramularia alborosella</i>	E, I, S, W (35, 42, 46, 49, 52)
<i>C. glomeratum</i>	R <i>Melampsorella caryophyllacearum</i>	E, W (47)
	S <i>Microbotryum duriaeanum</i>	E, W (46, 47)
	A <i>Olpidium radicale</i> s.l.	W (46)
	D <i>Peronospora conferta</i>	E, W (35, 46)

Cerastium (cont.)**C. glomeratum** (cont.)

D Peronospora tomentosa E, I, S, W (35, 41-47,
49, 52)

R Puccinia arenariae S

W Ramularia alborosella W (46)

C. nigrescens R Melampsorella caryophyllacearum S

C. semidecandrum R Melampsorella caryophyllacearum S

A Olpidium radicale s.l. W (46)

C. sp. R Melampsorella caryophyllacearum E, I, S,
W (48-50, 52)

D Peronospora conferta W (45)

W Ramularia alborosella E, I, S

C. tomentosum R Melampsorella caryophyllacearum E

Ceratochloa

C. carinata P Blumeria graminis s.l. B

R Puccinia bromina E

R Puccinia striiformis S

C. cathartica S Ustilago bromivora E

C. marginata P Blumeria graminis s.l. B

Cerinth

C. glabra P Golovinomyces cynoglossi s.l. B

C. major P Golovinomyces cynoglossi s.l. E

'Purpurescens' P Golovinomyces cynoglossi s.l. W (44)

C. minor P Golovinomyces cynoglossi s.l. E

C. sp. P Golovinomyces cynoglossi s.l. E

Chaenorhinum

C. minus D Peronospora linariae E

R Puccinia antirrhini W (44)

Chaerophyllum

C. aureum P Erysiphe heraclei E

R Puccinia chaerophylli S

C. sp. R Puccinia chaerophylli E, S

C. temulum P Erysiphe heraclei E, W (43)

D Plasmopara chaerophylli E, S

R Puccinia chaerophylli E, I, S, W (41-44, 51)

W Ramularia chaerophylli E

Chamaemelum

C. suaveolens P Podosphaera erigerontis-canadensis E

Chamaenerion

<i>C. angustifolium</i>	P <i>Podosphaera epilobii</i>	E, S
	R <i>Pucciniastrum epilobii</i>	E, I, S, W (35, 41-44, 46-52)
	W <i>Ramularia chamaenerii</i>	E, S, W (43, 44, 50, 51)

Chelidonium

<i>C. majus</i>	P <i>Erysiphe macleayae</i>	E, W (47, 49)
	R <i>Melampsora magnusiana</i>	W (50)

Chenopodiastrum

<i>C. murale</i>	A <i>Polymyxa betae</i>	E
	D <i>Peronospora chenopodii-polyspermi</i>	E

Chenopodium

<i>C. album</i>	D <i>Peronospora chenopodii</i>	E, I, S, W (42-46, 49-52)
	A <i>Polymyxa betae</i>	E
<i>C. ficifolium</i>	D <i>Peronospora chenopodii</i>	W (35, 44, 46)
	A <i>Polymyxa betae</i>	E
<i>C. quinoa</i>	D <i>Peronospora chenopodii</i>	W (42)
	A <i>Polymyxa betae</i>	E
'Temuco'	D <i>Peronospora chenopodii</i>	W (44)

Chionanthus

<i>C. retusus</i>	P <i>Erysiphe syringae</i>	S
-------------------	----------------------------	---

×Chitalpa

× <i>C. cv.</i>	P <i>Neoerysiphe galeopsidis</i>	B
× <i>C. taschkentensis</i>	P <i>Erysiphe elevata</i>	E

Chrysanthemum

<i>C. carinatum</i>	R <i>Coleosporium senecionis</i>	B
<i>C. chanetii</i>	P <i>Golovinomyces orontii</i>	B
<i>C. × grandiflorum</i>	P <i>Golovinomyces orontii</i>	E, I, S, W (51)
	R <i>Puccinia chrysanthemi</i>	S
<i>C. indicum cv.</i>	R <i>Puccinia chrysanthemi</i>	E, S
<i>C. × morifolium</i>	P <i>Golovinomyces orontii</i>	B
	R <i>Puccinia chrysanthemi</i>	S
<i>C. sp.</i>	P <i>Euoidium chrysanthemi</i>	S
	P <i>Golovinomyces orontii</i>	B
	R <i>Puccinia chrysanthemi</i>	S
<i>C. zawadskii</i>	P <i>Golovinomyces orontii</i>	B
<i>C. cv.</i>	R <i>Puccinia horiana</i>	E, W (42, 44)
'Camandra'	R <i>Puccinia chrysanthemi</i>	S
'Dark Yotri'	R <i>Puccinia horiana</i>	W (44)
'Favorite'	R <i>Puccinia horiana</i>	E

Chrysanthemum (cont.)

C. cv.(cont.)

'Full Gold'	R	<i>Puccinia chrysanthemi</i>	S
'Mary Shoemith'	R	<i>Puccinia chrysanthemi</i>	S
'Rivalry'	R	<i>Puccinia chrysanthemi</i>	S
'Souvenir de la Petite Arnie'	P	<i>Euoidium chrysanthemi</i>	S

Chrysosplenium

C. alternifolium	S	<i>Entyloma chrysosplenii</i>	E, S, W (42, 43)
	D	<i>Peronospora chrysosplenii</i>	E, S
	R	<i>Puccinia chrysosplenii</i>	E, W (42, 43, 50, 51)
C. oppositifolium	S	<i>Entyloma chrysosplenii</i>	E, W (46, 51)
	A	<i>Ligniera junci</i>	W (46)
	D	<i>Peronospora chrysosplenii</i>	E, S
	R	<i>Puccinia chrysosplenii</i>	E, I, S, W (35, 41-45, 47-50, 52)
C. sp.	R	<i>Puccinia chrysosplenii</i>	E, S, W (47, 49-51)

Cicerbita

C. alpina	P	<i>Golovinomyces cichoracearum</i>	B
-----------	---	------------------------------------	---

Cichorium

C. endivia	R	<i>Puccinia cichorii</i>	E
C. intybus	P	<i>Golovinomyces cichoracearum</i>	E
	R	<i>Puccinia cichorii</i>	E, W (46)
C. sp.	P	<i>Golovinomyces cichoracearum</i>	E

Cicuta

C. virosa	P	<i>Erysiphe heraclei</i>	B
	R	<i>Puccinia cicutae</i>	E
	W	<i>Ramularia heraclei</i>	E, I

Circaea

C. alpina	P	<i>Erysiphe circaeae</i>	B
	R	<i>Puccinia circaeae</i>	S
	R	<i>Pucciniastrum circaeae</i>	S
C. × intermedia	P	<i>Erysiphe circaeae</i>	B
	R	<i>Puccinia circaeae</i>	S, W (44, 46, 49)
C. lutetiana	R	<i>Pucciniastrum circaeae</i>	E, I, S, W (35, 41-44, 46)
	P	<i>Erysiphe circaeae</i>	E, I, S, W (35, 41-52)
	R	<i>Puccinia circaeae</i>	E, I, S, W (35, 41-52)
	R	<i>Pucciniastrum circaeae</i>	E, I, S, W (35, 41-52)
	W	<i>Ramularia caduca</i>	E, I, S, W (35, 41-52)
C. sp.	R	<i>Puccinia circaeae</i>	E, I, S, W (41, 49, 50)
	R	<i>Pucciniastrum circaeae</i>	E, I, S, W (41, 47, 49, 50)

Cirsium

<i>C. acaule</i>	P Golovinomyces montagnei	E
	R Puccinia cnici-oleracei	E
	R Puccinia laschii	E, I, W (42)
<i>C. arvense</i>	D Bremia cirsii	E, S, W (42, 49)
	P Erysiphe mayorii var. mayorii	E, S, W (50)
	P Golovinomyces montagnei	E, S, W (46)
	P Podosphaera xanthii	W (46)
	R Puccinia punctiformis	E, I, S, W (35, 41-52)
	D Pustula spinulosa	E, I, W (42, 47, 49, 50, 52)
	W Ramularia cynarae	S, E, W (42, 43, 49)
<i>C. dissectum</i>	A Synchytrium sanguineum	E
	R Puccinia cnici-oleracei	I, W (35, 43)
	R Puccinia dioicae	B
	R Puccinia laschii	E, W (42, 43)
	D Pustula spinulosa	W (41)
	W Ramularia cynarae	W (43)
<i>C. eriophorum</i>	S Thecaphora trailii	E, S, I
	P Golovinomyces montagnei	E
	R Puccinia cnici	E, W (44)
<i>C. × forsteri</i>	R Puccinia cnici	W (43)
<i>C. heterophyllum</i>	P Erysiphe mayorii var. mayorii	S
	P Golovinomyces montagnei	E, S
	R Puccinia cnici-oleracei	E, S
	R Puccinia laschii	S
	D Pustula spinulosa	B
	W Ramularia cynarae	W (42, 43)
	S Thecaphora trailii	S
<i>C. latifolium</i>	R Puccinia cnici	E
<i>C. oleraceum</i>	P Golovinomyces montagnei	B
<i>C. palustre</i>	D Bremia cirsii	E, S, W (49)
	P Erysiphe mayorii var. mayorii	S
	P Golovinomyces montagnei	E, S, W (44, 46, 47)
	R Puccinia cnici	S, W (46, 47)
	R Puccinia cnici-oleracei	E, S, W (35, 41-44, 46-52)
	R Puccinia dioicae	E, I, S, W (48, 49)
	R Puccinia laschii	E, I, S, W (35, 42-46, 48-52)
	D Pustula spinulosa	I, S, W (46, 49)
	A Synchytrium sanguineum	E, S, W (?)
	<i>C. rivulare</i> cv.	D Bremia cirsii
W Ramularia cynarae		W (43)
P Golovinomyces montagnei		E
‘Atropurpurea’		

Cirsium (cont.)

<i>C. vulgare</i>	D Bremia cirsii	E, S, W (42, 43, 46, 49, 50, 52)
	P Erysiphe mayorii var. mayorii	E
	P Golovinomyces montagnei	E, S, W (42-46, 48, 49, 52)
	R Puccinia cnici	E, I, S, W (35, 41-52)
	D Pustula spinulosa	E, W (46, 49)
	W Ramularia cynarae	E, I, S, W (51)

Cistus

<i>C. sp.</i>	P Oidiopsis cisti	W (51)
---------------	-------------------	--------

Citrullus

<i>C. sp.</i>	P Golovinomyces orontii	E/S
---------------	-------------------------	-----

Cladium

<i>C. mariscus</i>	R Puccinia cladii	E, W (41, 49, 52)
--------------------	-------------------	-------------------

Clarkia

<i>C. amoena</i>	R Pucciniastrum epilobii	E, S, W (41, 44, 49)
<i>C. grandiflora</i>	R Pucciniastrum epilobii	E, W (41)
<i>C. unguiculata</i>	D Peronospora arthurii	S

Claytonia

<i>C. perfoliata</i>	A Polymyxa betae	E
<i>C. sibirica</i>	R Puccinia arenariae	S

Clematis

<i>C. × jackmanii</i>	P Erysiphe aquilegiae var. ranunculi	E, S, W (42, 46)
<i>C. recta</i>	P Erysiphe aquilegiae var. ranunculi	S, W (42)
<i>C. sp.</i>	P Erysiphe aquilegiae var. ranunculi	E
<i>C. vitalba</i>	P Erysiphe aquilegiae var. ranunculi	E
<i>C. cult.</i>	P Erysiphe aquilegiae var. aquilegiae	E
'Perle d'Azur'	P Erysiphe aquilegiae	W (43)
'Raymond Grison'	P Erysiphe aquilegiae	E

Clinopodium

<i>C. acinos</i>	P Neoerysiphe galeopsidis	B
<i>C. ascendens</i>	R Puccinia menthae	E, W (42, 45-47, 49)
<i>C. nepeta</i>	R Puccinia menthae	E
<i>C. sp.</i>	R Puccinia menthae	E, W (45, 49)
<i>C. vulgare</i>	P Golovinomyces biocellatus s.l.	E
	R Puccinia menthae	E, W (35, 41-43, 47, 49)

Cnicus

<i>C. benedictus</i>	P Golovinomyces montagnei	B
----------------------	---------------------------	---

Cochlearia

<i>C. danica</i>	D Albugo candida s.l.	E, S, W (44, 46, 49)
	D Hyaloperonospora cochleariae	W (52)
	A Ligniera junci	W (46)
	R Puccinia eutremae	S
<i>C. officinalis</i>	D Albugo candida s.l.	I, S, W (44, 46, 49, 52)
	D Hyaloperonospora cochleariae	W (46)
	W Ramularia armoraciae	I, S
<i>C. pyrenaica</i> ssp. <i>alpina</i>	R Puccinia eutremae	E, S

Codiaeum

<i>C. variegatum</i> *	R Dietelia codiaei	B
------------------------	--------------------	---

Coincyia

<i>C. monensis</i>	D Peronospora brassicae	E
<i>C. wrightii</i>	P Erysiphe cruciferarum	E

Colchicum

<i>C. autumnale</i>	S Urocystis colchici	E, W (42)
*	R Uromyces colchici	E
<i>C. speciosum</i>	S Urocystis colchici	W (48)
*	R Uromyces colchici	E
<i>C. variegatum</i> *	R Uromyces colchici	E

Coleosporium

<i>C. tussilaginis</i> on <i>Petasites japonicas</i>	W Ramularia coleosporii	W (42)
--	-------------------------	--------

Colutea

<i>C. arborescens</i>	P Erysiphe coluteae?	B
	P Erysiphe palczewskii	B

Comarum

<i>C. palustre</i>	A Physoderma comari	E, S
	P Podosphaera aphanis var. aphanis	S, W (46)

Conium

<i>C. maculatum</i>	P Erysiphe heraclei	E, W (35, 43)
	D Plasmopara conii	E, S
	R Puccinia conii	E, I, S, W (35, 41, 43, 45, 47, 49-52)

Conopodium

<i>C. majus</i>	D Plasmopara nivea s.l.	E, I, S, W (42-50, 52)
	A Protomyces macrosporus	E
	R Puccinia bistortae	E, S, W (35, 46)
	R Puccinia tumida	E, I, S, W (35, 41-52)

Consolida

<i>C. ajacis</i>	P <i>Erysiphe aquilegiae</i> var. <i>ranunculi</i>	E
<i>C. sp.</i>	P <i>Erysiphe aquilegiae</i> var. <i>ranunculi</i>	E, W (48, 52)
	P <i>Podosphaera delphinii</i>	S

Convallaria

<i>C. majalis</i>	R <i>Puccinia sessilis</i>	E
-------------------	----------------------------	---

Convolvulus

<i>C. arvensis</i>	P <i>Erysiphe convolvuli</i> var. <i>convolvuli</i>	E, S, W (46, 49-52)
	S <i>Thecaphora seminis-convolvuli</i>	E, W (41, 46)

Coreopsis

<i>C. grandiflora</i>		
‘Early Sunrise’	P <i>Podosphaera xanthii</i>	W (49)
‘Single Gold’	P <i>Podosphaera xanthii</i>	W (49)
<i>C. sp.</i>	P <i>Podosphaera xanthii</i>	E

Coriandrum

<i>C. sativum</i>	A <i>Protomyces macrosporus</i>	E, I, S
	W <i>Ramularia heraclei</i>	E

Cornus

<i>C. alba</i> cv.	P <i>Erysiphe tortilis</i>	E, I, W (44)
var. <i>flaviramea</i>	P <i>Erysiphe tortilis</i>	W (42)
var. <i>sibirica</i>	P <i>Erysiphe tortilis</i>	W (42, 43, 46)
<i>C. florida</i>	P <i>Erysiphe pulchra</i>	E
<i>C. koenigii</i>	P <i>Erysiphe tortilis</i>	W (43, 47)
<i>C. nuttallii</i>	P <i>Erysiphe pulchra</i>	E
<i>C. sanguinea</i>	P <i>Erysiphe tortilis</i>	E, S, W (35, 41-44, 46-48)
ssp. <i>australis</i>	P <i>Erysiphe tortilis</i>	E, W (43, 44, 46)
‘Midwinter Fire’	P <i>Erysiphe tortilis</i>	E
<i>C. sanguinea</i> ssp. <i>australis</i> × <i>sanguinea</i>		
	P <i>Erysiphe tortilis</i>	W (46)
<i>C. sericea</i>	P <i>Erysiphe tortilis</i>	I
<i>C. sp.</i>	P <i>Erysiphe tortilis</i>	E, S, W (35, 41-44, 46, 47, 49-52)
	P <i>Phyllactinia corni</i>	E, S

Coronilla

<i>C. scorpioides</i>	P <i>Erysiphe trifoliorum</i>	B
-----------------------	-------------------------------	---

Corylus

<i>C. avellana</i>	P <i>Phyllactinia guttata</i>	E, I, S, W (35, 41-52)
‘Contorta’	P <i>Phyllactinia guttata</i>	E, W (46, 47)
f. <i>schizochlamys</i>	P <i>Phyllactinia guttata</i>	W (43, 46)
<i>C. maxima</i>	P <i>Phyllactinia guttata</i>	B

Cosmos

<i>C. atrosanguineus</i>	P Golovinomyces cichoracearum	E
<i>C. bipinnatus</i>	S Entyloma cosmi	E, W (52)
	P Golovinomyces cichoracearum	E
	P Podosphaera xanthii	W (43, 48)
<i>C. purpureus</i>	P Podosphaera xanthii	S
<i>C. sp.</i>	S Entyloma cosmi	E, W (44)
.	P Podosphaera xanthii	W (49, 52)

Cota

<i>C. austriaca</i>	P Golovinomyces macrocarpus	E
<i>C. tinctoria</i>	P Golovinomyces macrocarpus	E
<i>ssp. tinctoria</i>	P Golovinomyces macrocarpus	W (41)

Cotinus

<i>C. coggygria</i>	P Erysiphe cotini	E, S, W (49-51)
---------------------	-------------------	-----------------

Cotula

<i>C. turbinata</i>	P Golovinomyces macrocarpus	B
---------------------	-----------------------------	---

Cotyledon

<i>C. orbicularis</i>	P Pseudoidium kalanchoes	E
<i>C. sp.</i>	P Pseudoidium kalanchoes	B

Crambe

<i>C. hispanica ssp. hispanica</i>	P Erysiphe cruciferarum	W (49)
<i>C. maritima</i>	P Erysiphe cruciferarum	B
	D Hyaloperonospora parasitica s.s.	W (41)
	A Plasmodiophora brassicae	B

Crassula

<i>C. sp.</i>	P Pseudoidium kalanchoes	E
---------------	--------------------------	---

Crataegus

<i>C. cv.</i>	R Gymnosporangium confusum	E
<i>C. laevigata</i>	R Gymnosporangium clavariiforme	E, I, S
	R Gymnosporangium confusum	E
	P Phyllactinia mali	E
	P Podosphaera clandestina	S, W (51)
	A Taphrina crataegi	E
'Paul's Scarlet'	R Gymnosporangium confusum	W (43)
	P Podosphaera clandestina	W (46)
	A Taphrina crataegi	W (43)
<i>C. monogyna</i>	R Gymnosporangium clavariiforme	E, I, S,
		W (35, 42, 43, 46, 49, 52)

Crataegus (cont.)*C. monogyna* (cont.)

	R	<i>Gymnosporangium confusum</i>	E, W (35, 41-45, 47, 49-51)
	P	<i>Phyllactinia mali</i>	E, W (42-44, 46, 47)
	P	<i>Podosphaera clandestina</i>	E, I, S, W (35, 41-44, 46-52)
f. <i>biflora</i>	A	<i>Taphrina crataegi</i>	E, S
	P	<i>Phyllactinia mali</i>	W (46)
	P	<i>Podosphaera clandestina</i>	W (46)
<i>C. pentagyna</i>	R	<i>Gymnosporangium confusum</i>	E
<i>C. pinnatifida</i> var. <i>major</i>	R	<i>Gymnosporangium clavariiforme</i>	W (49)
<i>C. sp.</i>	R	<i>Gymnosporangium clavariiforme</i>	E, S
	R	<i>Gymnosporangium confusum</i>	E, S, W (51)
	P	<i>Phyllactinia mali</i>	W (44)
	P	<i>Podosphaera clandestina</i>	W (35, 44, 48, 49, 52)
<i>C. × subsphaerica</i>	P	<i>Podosphaera clandestina</i>	W (46)

Crepis

<i>C. biennis</i>	P	<i>Golovinomyces cichoracearum</i>	E, W (41, 46)
	R	<i>Puccinia praecox</i>	E, W (42, 45, 46, 49)
<i>C. capillaris</i>	D	<i>Bremia lactucae</i> s.l.	E, W (43, 49)
	S	<i>Entyloma crepidis-rubrae</i>	E
	P	<i>Golovinomyces cichoracearum</i>	E, I, W (41, 43, 44, 46, 49)
	P	<i>Podosphaera erigerontis-canadensis</i>	E
	R	<i>Puccinia crepidicola</i>	E, I, S, W (35, 41-44, 46, 48, 49, 52)
<i>C. paludosa</i>	D	<i>Pustula obtusata</i> s.l.	E
	D	<i>Bremia lactucae</i> s.l.	S
	P	<i>Podosphaera erigerontis-canadensis</i>	E, S
	A	<i>Protomyces pachydermus</i>	S
	R	<i>Puccinia major</i>	E, I, S, W (48, 49)
<i>C. setosa</i>	P	<i>Podosphaera erigerontis-canadensis</i>	B
<i>C. sp.</i>	R	<i>Puccinia crepidicola</i>	E, I, S, W (52)
	R	<i>Puccinia major</i>	S
<i>C. vesicaria</i>	R	<i>Puccinia crepidicola</i>	E, W (35, 44, 48-52)
	R	<i>Puccinia major</i>	C
ssp. <i>taraxacifolia</i>	D	<i>Bremia lactucae</i> s.l.	E
	P	<i>Golovinomyces cichoracearum</i>	E, W (46)
	P	<i>Podosphaera erigerontis-canadensis</i>	E

Crocus

<i>C. vernus</i>	R	<i>Uromyces croci</i>	S
------------------	---	-----------------------	---

Cruciata

<i>C. laevipes</i>	P <i>Neoerysiphe galii</i>	E
	R <i>Puccinia celakovskyana</i>	E, S, W (41-44, 46, 47, 51)
	R <i>Puccinia galii-cruciatae</i>	E, S, W (41, 42, 44, 49)
	R <i>Puccinia galii-verni</i>	E, W (35, 42-44, 50, 51)
	R <i>Puccinia punctata</i>	S

Cryptostegia

<i>C. sp.</i>	W <i>Ramularia cryptostegiae</i>	I
---------------	----------------------------------	---

Cucumis

<i>C. sativus</i>	P <i>Golovinomyces cucurbitacearum</i>	S, W (49)
	P <i>Golovinomyces orontii</i>	E, S
	A <i>Olpidium brassicae</i> s.l.	E, W (41)
	A <i>Olpidium radicale</i> s.l.	E, W (41)
	P <i>Podosphaera xanthii</i>	E, S
	D <i>Pseudoperonospora cubensis</i>	E
'Crystal Apple'	P <i>Golovinomyces cucurbitacearum</i>	W (49)
'Crystal Lemon'	P <i>Golovinomyces cucurbitacearum</i>	W (49)
'Telegraph'	P <i>Golovinomyces cucurbitacearum</i>	W (46)

Cucurbita

<i>C. maxima</i>	P <i>Golovinomyces cucurbitacearum</i>	W (42, 46, 48, 49)
	P <i>Golovinomyces orontii</i>	E
'Thelma Saunders'	P <i>Golovinomyces cucurbitacearum</i>	W (46)
<i>C. moschata</i>	P <i>Golovinomyces cucurbitacearum</i>	B
	P <i>Podosphaera xanthii</i>	E
<i>C. pepo</i>	P <i>Golovinomyces cucurbitacearum</i>	E, I, W (42-44, 46-50)
	P <i>Golovinomyces orontii</i>	E, I, W (42, 44, 46, 48)
var. <i>medullosa</i>	P <i>Golovinomyces cucurbitacearum</i>	S
'Little Gem'	P <i>Golovinomyces cucurbitacearum</i>	W (44)
<i>C. sp.</i>	P <i>Podosphaera xanthii</i>	E

Cuphea

<i>C. rosea</i>	P <i>Fibroidium</i> sp.	E
-----------------	-------------------------	---

Cyclamen

<i>C. sp.</i>	P <i>Golovinomyces orontii</i>	B
<i>C. persicum</i>	P <i>Pseudoidium cyclaminis</i>	B

Cydonia

C. oblonga	R Gymnosporangium confusum	E, S
	P Podosphaera clandestina	S
	P Podosphaera leucotricha	E, W (46)
'Vranja'	R Gymnosporangium confusum	W (43)
C. sp.	P Phyllactinia mali	B
	P Podosphaera clandestina	B

Cymbalaria

C. muralis	P Golovinomyces orontii	E, S, W (46, 48, 49, 52)
	A Ligniera junci	W (46)
	D Peronospora linariae	W (49)

Cynara

C. cardunculus	D Bremia lactucae s.l.	E
	P Golovinomyces montagnei	E, W (46, 49)
	P Leveillula lappae	E
	W Ramularia cynarae	E, I
var. cardunculus	W Ramularia cynarae	W (35, 42)
var. scolymus	P Golovinomyces montagnei	B
	W Ramularia cynarae	E, I, W (42, 43)
'Purple Globe'	W Ramularia cynarae	W (44)

Cynodon

C. dactylon	S Ustilago cynodontis	E
-------------	-----------------------	---

Cynoglossum

C. germanicum	P Golovinomyces cynoglossi s.s.	E
C. officinale	P Golovinomyces cynoglossi s.s.	E, I, W (35, 44, 49)
	R Puccinia cerinthes-agropyrina	E
	W Ramularia cynoglossi	E, W (46)
C. sp.	P Golovinomyces cynoglossi s.s.	S

Cynosurus

C. cristatus	P Blumeria graminis	E
	R Puccinia coronata	E, S
	R Puccinia graminis	B
	W Ramularia pusilla	E, I

Cystopteris

C. fragilis	R Hyalopsora polypodii	E, I, S, W (35, 41-44, 47, 48, 50, 51)
var. dentata	R Hyalopsora polypodii	I

Cytisus

<i>C. purpureus</i>	P <i>Erysiphe trifoliorum</i>	B
<i>C. scoparius</i>	P <i>Erysiphe trifoliorum</i>	E, S, W (49)
	R <i>Uromyces sarothamni</i>	E, S, W (42, 44)

Dactylis

<i>D. glomerata</i>	P <i>Blumeria dactylidis</i>	E, I, S, W (35, 42-44, 46, 47, 49)
	A <i>Cladochytrium caespitis</i>	B
	R <i>Puccinia coronata</i> var. <i>avenae</i> f. sp. <i>avenae</i>	E, S, W (35, 41, 43, 44)
	R <i>Puccinia graminis</i>	E, I, S, W (41-46)
	R <i>Puccinia striiformoides</i>	E, S, W (35, 41, 42, 44-51)
	R <i>Uromyces dactylidis</i>	E, I, S, W (35, 41, 42, 44-46, 49-52)
	S <i>Ustilago striiformis</i>	E, S

Dactylorhiza

<i>D. × formosa</i>	R <i>Melampsora repentis</i>	S
<i>D. fuchsii</i>	R <i>Melampsora repentis</i>	W (52)
	R <i>Puccinia sessilis</i>	E, W (41-43, 52)
<i>D. incarnata</i>	R <i>Melampsora repentis</i>	E, S, W (52)
	R <i>Puccinia sessilis</i>	E, W (52)
<i>ssp. coccinea</i>	R <i>Melampsora repentis</i>	S, W (44, 52)
<i>ssp. incarnata</i>	R <i>Puccinia sessilis</i>	E, W (43)
<i>ssp. pulchella</i>	R <i>Puccinia sessilis</i>	E, I
<i>D. maculata</i>	R <i>Melampsora repentis</i>	E, S, W (52)
	R <i>Puccinia sessilis</i>	E, I, W (52)
<i>ssp. elodes</i>	R <i>Puccinia sessilis</i>	I
<i>D. praetermissa</i>	R <i>Melampsora repentis</i>	E, S, W (35, 41, 44)
	R <i>Puccinia sessilis</i>	E, W (41, 42, 45)
<i>D. purpurella</i>	R <i>Melampsora repentis</i>	S, W (52)
	R <i>Puccinia sessilis</i>	E, S, W (52)
<i>D. sp.</i>	R <i>Melampsora repentis</i>	S, W (44, 48, 52)
	R <i>Puccinia sessilis</i>	E
<i>Dactylorhiza x transiens</i>	R <i>Puccinia sessilis</i>	E

Dahlia

<i>D. coccinea</i>	P <i>Golovinomyces spadiceus</i>	E
<i>D. × hortensis</i>	S <i>Entyloma dahliae</i>	E, I, S, W (41, 43)
	P <i>Golovinomyces spadiceus</i>	E
	P <i>Podosphaera erigerontis-canadensis</i>	E
	P <i>Podosphaera xanthii</i>	E, W (50, 52)
<i>D. pinnata</i>	P <i>Golovinomyces spadiceus</i>	B

Dahlia (cont.)

D. cv.

'Blyton Everest'	P	<i>Podosphaera xanthii</i>	E
'Bracken Lorelei'	P	<i>Podosphaera xanthii</i>	E
'Café au Lait'	P	<i>Podosphaera xanthii</i>	E
'Hamari Gold'	P	<i>Podosphaera xanthii</i>	E
'Kilburn Glow'	P	<i>Podosphaera xanthii</i>	E
'Lubega Power White'			
	P	<i>Podosphaera xanthii</i>	W (52)
'Pacific Argyle'	P	<i>Podosphaera xanthii</i>	E
'Rossendale Flamenco'			
	P	<i>Podosphaera xanthii</i>	E
'Sandia Rose'	P	<i>Podosphaera xanthii</i>	E
'So Dainty'	P	<i>Podosphaera xanthii</i>	E
'Spartacus'	P	<i>Podosphaera xanthii</i>	E

Dasiphora

D. fruticosa	P	<i>Podosphaera aphanis</i> var. <i>aphanis</i>	E
'Vilmoriniana'	P	<i>Podosphaera aphanis</i> var. <i>aphanis</i>	E

Daucus

D. carota	P	<i>Erysiphe heraclei</i>	E, I
ssp. <i>sativus</i>	D	<i>Plasmopara dauci</i>	E

Delairea

D. odorata	R	<i>Coleosporium senecionis</i>	E
------------	---	--------------------------------	---

Delosperma

D. cooperi	D	<i>Albugo trianthemae</i>	E
------------	---	---------------------------	---

Delphinium

D. × <i>cultorum</i>	P	<i>Erysiphe aquilegiae</i> var. <i>ranunculi</i>	B
D. <i>elatum</i>	P	<i>Erysiphe aquilegiae</i> var. <i>ranunculi</i>	E
D. <i>pyramidale</i>	P	<i>Erysiphe aquilegiae</i> var. <i>ranunculi</i>	E
D. sp.	P	<i>Erysiphe aquilegiae</i> var. <i>ranunculi</i>	E, S
	P	<i>Podosphaera delphinii</i>	E, S, W (51)
'Black Knight'	P	<i>Erysiphe aquilegiae</i> var. <i>ranunculi</i>	E

Deschampsia

D. <i>cespitosa</i>	R	<i>Puccinia coronati-calamagrostidis</i>	E, S, W (35, 41-44, 46, 49, 52)
	R	<i>Puccinia deschampsiae</i>	E, S, W (35, 42-44, 46, 47, 51)
	R	<i>Puccinia graminis</i>	E, S, W (41, 44)
	S	<i>Tilletia cerebrina</i>	S
	S	<i>Ustilago striiformis</i>	E

Deschampsia (cont.)*D. cespitosa* (cont.)

‘Goldtau’	R <i>Puccinia deschampsiae</i>	W (50)
ssp. <i>cespitosa</i>	P <i>Blumeria</i> sp.	E, S, W (46)

Deutzia

<i>D. crenata</i>	P <i>Erysiphe deutziae</i>	E
<i>D. scabra</i>	P <i>Erysiphe deutziae</i>	E, S, W (41, 49, 51)
‘Candidissima’	P <i>Erysiphe deutziae</i>	E

Dianthus

<i>D. barbatus</i>	P <i>Erysiphe buhrii</i>	B
	R <i>Puccinia arenariae</i>	E, S, W (42, 44)
	R <i>Uromyces dianthi</i>	E, S, W (44, 51)
<i>D. caryophyllus</i>	P <i>Erysiphe buhrii</i>	B
	S <i>Microbotryum dianthorum</i>	E
	D <i>Peronospora dianthicola</i>	E
	R <i>Uromyces dianthi</i>	E, S, W (44)
<i>D. caryophyllus</i> × <i>plumarius</i>	R <i>Uromyces dianthi</i>	S
	D <i>Peronospora dianthicola</i>	E
<i>D. chinensis</i> var. <i>heddewigii</i>	R <i>Puccinia arenariae</i>	E
	R <i>Uromyces dianthi</i>	W (51)
<i>D. musalae</i>	S <i>Microbotryum dianthorum</i>	E
<i>D. pavonius</i>	S <i>Microbotryum dianthorum</i>	E
<i>D. cv.</i>	S <i>Microbotryum dianthorum</i>	E
	R <i>Uromyces dianthi</i>	E, S
	S <i>Microbotryum dianthorum</i>	E

Digitalis

<i>D. purpurea</i>	P <i>Golovinomyces orontii</i>	W (47)
	D <i>Peronospora digitalidis</i>	E, S, W (49, 51, 52)
	W <i>Ramularia digitalis</i>	E, I, S, W (35, 41-52)
‘Alba’	W <i>Ramularia digitalis</i>	W (50)
‘Apricot’	W <i>Ramularia digitalis</i>	W (44)

Diplotaxis

<i>D. muralis</i>	P <i>Erysiphe cruciferarum</i>	E
	D <i>Peronospora diplotaxidis</i>	E
<i>D. tenuifolia</i>	D <i>Albugo candida</i> s.l.	E, W (44)
	P <i>Erysiphe cruciferarum</i>	E

Dipsacus

D. fullonum	D Peronospora dipsaci	E, W (41, 43, 44)
	P Podosphaera dipsacacearum	E, W (35, 42-46, 48-51)
	W Ramularia silvestris	E, W (42)
	A Synchytrium succisae	B
D. laciniatus	P Podosphaera dipsacacearum	E
D. sp.	P Podosphaera dipsacacearum	S

Dittrichia

D. viscosa	W Ramularia cupulariae	I
------------	------------------------	---

Doronicum

D. columnae	W Ramularia doronici	S
D. pardalianches	P Podosphaera fusca	E, W (42, 43)
	W Ramularia doronici	E, S, W (42-44, 46, 49, 50)
D. plantagineum	P Podosphaera fusca	E
	W Ramularia doronici	W (46)
D. sp.	D Bremia lactucae s.l.	E
	P Podosphaera fusca	E, S

Dorotheanthus

D. bellidiformis	D Peronospora mesembryanthemi	E, W (35)
------------------	-------------------------------	-----------

Draba

D. incana	D Albugo candida s.s.	S
-----------	-----------------------	---

Dryas

D. octopetala	P Podosphaera volkartii	S, I
---------------	-------------------------	------

Drymochloa

D. sylvatica	R Puccinia gibberosa	E, S, W (43, 46)
--------------	----------------------	------------------

Dryopteris

D. aemula	R Milesina kriegeriana	S, W (44)
D. affinis agg.	R Milesina kriegeriana	E, S, W (44-46, 48-50, 52)
	A Taphrina athyrii	W (46, 47)
	A Taphrina vestergrenii	W (46, 47, 49)
D. affinis	R Milesina carpatorum	W (44)
ssp. affinis	R Milesina kriegeriana	E, W (44)
ssp. borrieri	R Milesina carpatorum	W (44)
	R Milesina kriegeriana	W (44)
D. atrata	R Milesina kriegeriana	E
D. carthusiana	R Milesina carpatorum	W (46)
	R Milesina kriegeriana	E, I, S, W (46, 49)
	A Taphrina filicina	S
D. × complexa	A Taphrina vestergrenii	W (46)

Dryopteris (cont.)

D. cristata	R Milesina kriegeriana	E, I
D. dilatata	R Milesina kriegeriana	E, I, S, W (35, 41-52)
	A Taphrina athyrii	E, S, W (41)
	A Taphrina filicina	E, S
D. filix-mas	A Herpobasidium filicinum	E, W (47)
	R Milesina carpatorum	E, W (44, 46)
	R Milesina kriegeriana	E, I, S, W (35, 41-49, 52)
	A Taphrina athyrii	E, S, W (42, 46)
	A Taphrina vestergrenii	W (43, 46, 49)
'Barnesii'	R Milesina kriegeriana	E
D. sp.	A Taphrina filicina	E, W (50)

Dudleya

D. farinosa	P Pseudoidium kalanchoes	S
D. palmeri	P Pseudoidium kalanchoes	E

Echeveria

E. sp.	P Pseudoidium kalanchoes cf.	E
--------	------------------------------	---

Echinops

E. bannaticus	P Golovinomyces echinopis	E, W (49)
E. exaltatus	P Golovinomyces echinopis	E
E. karatavicus	P Golovinomyces echinopis	E
E. sp.	P Golovinomyces echinopis	I, S, W (42, 46, 50, 51)
E. sphaerocephalus	P Golovinomyces echinopis	E

Echium

E. plantagineum	P Golovinomyces asperifolii	E
E. sp.	P Leveillula taurica s.l.	S
E. vulgare	P Golovinomyces asperifolii	E, S, W (46, 49, 51, 52)
	P Leveillula taurica s.l.	E, W (51)
	R Puccinia cerinthes-agropyrina	B

Eleocharis

E. parvula	S Parvulago marina	E
E. quinqueflora	S Entorrhiza scirpicola	E, S, W (46)
	R Puccinia eriophori	S
E. sp.	A Physoderma heleocharidis	E

Elodea

E. sp.	A Cladochytrium replicatum	E
--------	----------------------------	---

Eleogiton

E. fluitans	S Entorrhiza raunkiaeriana	S, W (42-44, 46-48)
-------------	----------------------------	---------------------

Elymus

E. athericus	P Blumeria graminis s.s.	W (44)	
	R Puccinia agropyrina	W (41, 44, 45, 49)	
	S Tranzscheliella hypodytes	E	
	S Urocystis agropyri-campestris	E	
f. setigerus	R Puccinia agropyrina	W (41, 44)	
E. caninus	P Blumeria graminis s.s.	B	
	R Puccinia agropyrina	E, S, W (44)	
	R Puccinia graminis	E	
	R Puccinia persistens	E, W (44)	
	R Puccinia striiformis s.s.	E, W (44, 49)	
	S Ustilago bromivora	S	
var. donianus	R Puccinia agropyri	S	
	R Puccinia persistens	B	
E. junceiformis	P Blumeria graminis s.s.	S	
	R Puccinia agropyrina	I, S, W (41, 44-46, 48, 49, 52)	
	S Tranzscheliella hypodytes	E, W (44, 52)	
	S Ustilago serpens	E, W (46, 52)	
E. magellanicus	R Puccinia agropyrina	B	
	R Puccinia striiformis	W (44)	
E. × obtusiusculus	R Puccinia agropyrina	W (44)	
E. repens	P Blumeria graminis s.s.	E, S, W (35, 41-44, 46, 49)	
	A Cladochytrium caespitis	B	
	A Physoderma graminis	E, W (45)	
	R Puccinia coronati-hordei	E, W (44)	
	R Puccinia graminis	E, I, S, W (35, 49)	
	R Puccinia persistens	E, I, S, W (35, 41-52)	
	R Puccinia striiformis	E, I, S, W (41, 51)	
	S Tranzscheliella hypodytes	E, S	
	S Urocystis agropyri	E, W (43)	
	S Ustilago serpens	E, W (46, 51)	
	S Ustilago striiformis	I	
	f. aristatus	R Puccinia persistens	W (41, 44)
	E. sp.	R Puccinia graminis	E
Emilia			
E. coccinea	R Coleosporium cacaliae?	E	
	R Puccinia lagenophorae?	E	
E. sonchifolia	R Puccinia lagenophorae?	E	

Empetrum

E. nigrum	R Chrysomyxa empetri	E, S, W (48-50)
ssp. hermaphroditum	R Chrysomyxa empetri	E, S, W (49)
ssp. nigrum	R Chrysomyxa empetri	S, W (35, 41, 42, 44, 46, 48, 49)

Encyclia

E. pentonis*	R Uredo behnickiana	B
--------------	---------------------	---

Epidendron

E. paniculatum*	R Uredo epidendri	B
E. vitellinum*	R Uredo behnickiana	B

Epilobium

E. alsinifolium	R Pucciniastrum epilobii	W (49)
E. anagallidifolium	R Puccinia epilobii	E, S
	R Pucciniastrum epilobii	S
E. brunnescens	P Podosphaera epilobii	E, S, W (43, 44, 46, 48)
E. ciliatum	P Podosphaera epilobii	E, I, W (35, 41-48)
	R Puccinia epilobii	E, W (41, 46)
	R Puccinia pulverulenta	E, W (43-46)
	R Pucciniastrum epilobii	E, S, W (35, 41-49, 52)
E. hirsutum	P Podosphaera epilobii	E, I, S, W (35, 41-44, 46, 49, 51)
	R Puccinia epilobii	E, I, W (42, 44, 46, 50)
	R Puccinia pulverulenta	E, I, S, W (35, 41-46, 49-52)
	R Pucciniastrum epilobii	E, S, W (35, 41, 42, 44, 46, 49, 52)
	W Ramularia epilobiana	E, I, S, W (35, 43, 47, 49)
E. × interjectum	P Podosphaera epilobii	W (43, 46)
	R Pucciniastrum epilobii	W (46, 47)
E. lanceolatum	P Podosphaera epilobii	W (46)
	R Puccinia epilobii	W (44)
	R Puccinia pulverulenta	B
	R Pucciniastrum epilobii	E, W (44)
E. montanum	D Plasmopara epilobii	E
	P Podosphaera epilobii	E, I, S, W (42-49)
	R Puccinia epilobii	E, I, S, W (41, 43, 44, 46, 49, 51, 52)
	R Puccinia pulverulenta	E, I, S, W (35, 41-46, 49, 52)
	R Pucciniastrum epilobii	E, S, W (41, 43, 44, 46-50, 52)

Epilobium (cont.)

E. montanum (cont.)	W Ramularia epilobiana	W (41, 42, 49)
E. obscurum	P Podosphaera epilobii	W (43, 46-48, 52)
	R Puccinia epilobii	E, I, S, W (35, 41, 43, 44, 46, 49, 51, 52)
	R Puccinia pulverulenta	E, W (44, 46)
	R Pucciniastrum epilobii	E, W (43, 46, 48, 49, 52)
	W Ramularia epilobiana	B
	A Synchytrium aureum s.l.	S
E. palustre	P Podosphaera epilobii	E, S, W (41-44, 46, 48, 49, 52)
	R Puccinia epilobii	E, I, S, W (35, 42, 43, 46, 49, 51)
	R Puccinia pulverulenta	S, W (46)
	R Pucciniastrum epilobii	E, S, W (42, 44-46, 49)
	A Synchytrium aureum s.l.	S
E. parviflorum	D Plasmopara epilobii	E, S
	P Podosphaera epilobii	E, I, S, W (35, 43, 44, 46, 49)
	R Puccinia pulverulenta	E, S, W (43, 44, 52)
	R Pucciniastrum epilobii	E, W (42, 44, 52)
E. pedunculare	P Podosphaera epilobii	B
E. × persicinum	P Podosphaera epilobii	B
E. roseum	P Podosphaera epilobii	E, S, W (48)
	R Pucciniastrum epilobii	E
E. sp.	D Plasmopara epilobii	E, W (49)
	R Puccinia epilobii	E, I, S, W (41-44, 46, 47, 49, 52)
	R Puccinia pulverulenta	E, S, W (41, 44, 46, 47, 49, 52)
	R Pucciniastrum epilobii	E, I, S, W (41, 44, 46, 49)
	W Ramularia epilobiana	E
E. tetragonum	P Podosphaera epilobii	E, W (42, 46)
	R Puccinia epilobii	E
	R Puccinia pulverulenta	E, W (48)
	R Pucciniastrum epilobii	E, W (42)
	W Ramularia epilobiana	E
E. × vicinum	P Podosphaera epilobii	W (46)
	R Pucciniastrum epilobii	W (46)
Epipactis		
E. dunensis	R Melampsora repentis	E, W (52)
E. palustris	R Melampsora repentis	E, W (48, 52)
	R Puccinia sessilis	E

Eranthis

E. hyemalis S Urocystis eranthisidis E, S, W (42, 43, 46)

Erica

E. ageana P Erysiphe azaleae S
E. conica P Erysiphe azaleae S
E. glomerifera P Erysiphe azaleae S
E. johnstoniana P Erysiphe azaleae S
E. mammosa P Erysiphe azaleae S
E. nudifolia P Erysiphe azaleae S
E. oatsii P Erysiphe azaleae S
E. oxifera P Erysiphe azaleae S
E. plukenetii P Erysiphe azaleae S
E. sp. P Erysiphe azaleae S
P Golovinomyces orontii B
E. subdivaricata P Erysiphe azaleae S

Erigeron

E. acris P Podosphaera erigerontis-canadensis E
E. canadensis D Basidiophora entospora E
P Podosphaera erigerontis-canadensis E
E. floribundus P Podosphaera erigerontis-canadensis
E, W (42, 44)
E. karvinskianus P Podosphaera erigerontis-canadensis B
E. sumatrensis P Podosphaera erigerontis-canadensis E

Erodium

E. cicutarium D Peronospora erodii E
P Podosphaera erodii E, W (52)
W Ramularia erodii E
E. maritimum P Podosphaera erodii W (45)
E. moschatum D Peronospora erodii E
P Podosphaera erodii E, W (41)
Erodium sp. W Ramularia erodii S

Erophila

E. glabrescens D Albugo candida s.s. W (35, 52)
E. verna D Albugo candida s.s. E, W (42, 43, 46, 47, 49)
D Hyaloperonospora erophilae S
D Hyaloperonospora praecox E, S, W (47)
A Ligniera junci W (46)
A Olpidium brassicae s.l. W (46)

Eruca

E. vesicaria D Albugo candida s.l. E

Ervilia

E. hirsuta	P Erysiphe pisi var. pisi	E
	D Peronospora ervi	E, S, W (41-43, 45, 46, 49, 52)
	R Uromyces ervi	E, S, W (35, 42-52)
	R Uromyces viciae-fabae	E, W (41, 44, 49, 52)
E. sylvatica	P Erysiphe baeumleri	E, S, W (46)
	P Erysiphe pisi var. pisi	S
	R Uromyces viciae-fabae	E, W (44)

Ervum

E. tetraspermum	P Erysiphe pisi var. pisi	E
	D Peronospora sp.	E, W (35)
	R Uromyces ervi	E, W (44, 46)

Eryngium

E. maritimum	S Entyloma eryngii s.l.	S, W (41, 44, 45, 48, 49, 52)
--------------	-------------------------	-------------------------------

Erysimum

E. cheiranthoides	D Hyaloperonospora cheiranthi	E
E. cheiri	D Albugo candida s.l.	E
	P Erysiphe cruciferarum	E, W (49)
	D Hyaloperonospora cheiranthi	E, I, S, W (43, 46, 49)
	A Plasmodiophora brassicae	B

Erythranthe

E. guttata	P Golovinomyces brunneopunctatus	E?, W (49)
	A Ligniera junci	W (44)
	D Peronospora jacksonii	E
E. lutea	P Golovinomyces brunneopunctatus	E?
E. sp.	P Golovinomyces brunneopunctatus	S
	D Peronospora jacksonii	E, W (35)

Erythronium

E. dens-canis*	R Uromyces erythronii	E
E. oregonum cv.	S Vankya heufleri	S

Eschscholzia

E. californica	S Entyloma eschscholziae	E
	P Erysiphe eschscholziae	E, S, W (44)

Eucalyptus

E. cinerea	P Golovinomyces orontii	B
E. coccifera	P Golovinomyces orontii	B
E. dalrympleana	P Golovinomyces orontii	B
E. globulus	P Golovinomyces orontii	B
E. gunnii	P Golovinomyces orontii	B

Eucalyptus (cont.)

<i>E. niphophila</i>	P <i>Golovinomyces orontii</i>	B
<i>E. nutans</i>	P <i>Golovinomyces orontii</i>	B
<i>E. perriniana</i>	P <i>Golovinomyces orontii</i>	B
<i>E. sp.</i>	P <i>Golovinomyces orontii</i>	B
	P <i>Podosphaera aphanis</i> var. <i>aphanis</i>	S
<i>E. woodwardii</i>	P <i>Golovinomyces orontii</i>	B

Euonymus

<i>E. europaeus</i>	P <i>Erysiphe euonymi</i>	E, I, W (35, 41-44, 46, 48-52)
	R <i>Melampsora euonymi-caprearum</i>	E, I, W (35, 41-49, 52)
<i>f. intermedius</i>	P <i>Erysiphe euonymi</i>	W (44, 46)
<i>E. fortunei</i> var. <i>radicans</i>	P <i>Erysiphe euonymicola</i>	E, S
<i>E. hederaceus</i>	P <i>Erysiphe euonymi</i>	B
<i>E. japonicus</i>	P <i>Erysiphe euonymicola</i>	E, I, S, W (35, 41, 44-46, 48-52)
<i>E. nanus</i>	P <i>Erysiphe euonymicola</i>	B
<i>E. sp.</i>	R <i>Melampsora euonymi-caprearum</i>	E, W (41)
<i>E. verrucosus</i>	P <i>Erysiphe euonymi</i>	B

Eupatorium

<i>E. cannabinum</i>	P <i>Golovinomyces circumfusum</i>	E, I, S, W (35, 41, 44, 46-52)
'Flore Pleno'	P <i>Golovinomyces circumfusum</i>	W (47)

Euphorbia

<i>E. altissima</i>	P <i>Podosphaera euphorbiae</i>	B
<i>E. amygdaloides</i> cv. 'Purpurea'	P <i>Podosphaera euphorbiae</i>	W (43, 48)
ssp. <i>amygdaloides</i>	R <i>Melampsora euphorbiae</i> s.l.	E, W (44)
	R <i>Endophyllum euphorbiae-sylvaticae</i>	E, W (35, 47)
	R <i>Melampsora euphorbiae</i> s.l.	W (41, 43, 44)
	D <i>Peronospora cyparissiae</i>	E
'Purpurea'	P <i>Podosphaera euphorbiae</i>	E, W (35, 46)
<i>E. characias</i>	R <i>Melampsora euphorbiae-characiatis</i>	E, W (46, 48, 51)
	P <i>Podosphaera euphorbiae</i>	E, W (46)
ssp. <i>wulfenii</i>	R <i>Melampsora euphorbiae-characiatis</i>	E
<i>E. corollata</i>	R <i>Melampsora euphorbiae</i> s.l.	E
<i>E. cyparissias</i>	P <i>Fibroidium cyparissiae</i>	E
	R <i>Melampsora euphorbiae</i> s.l.	E, W (44, 48, 49, 51, 52)
	R <i>Uromyces pisi</i>	E, S
	R <i>Uromyces scutellatus</i>	E, S

Euphorbia (cont.)

E. dulcis	R Melampsora euphorbiae-dulcis	E, I, W (51)
	P Podosphaera euphorbiae	W (44)
'Chameleon'	P Podosphaera euphorbiae	W (42, 44)
E. epithymoides	P Podosphaera euphorbiae	E
E. esula	P Podosphaera euphorbiae	B
ssp. tommasiniana	P Podosphaera euphorbiae	B
E. excelsa	R Melampsora euphorbiae s.l.	S
E. exigua	R Melampsora euphorbiae s.l.	E, W (41, 44, 51)
	P Podosphaera euphorbiae	B
	R Uromyces tuberculatus	E
E. griffithii	R Melampsora euphorbiae s.l.	S, W (46)
	P Podosphaera euphorbiae	B
'Dixter'	R Melampsora euphorbiae s.l.	E, W (52)
'Fireglow'	R Melampsora euphorbiae s.l.	E
E. helioscopia	R Melampsora euphorbiae s.l.	E, I, S, W (35, 41-52)
	P Podosphaera euphorbiae	E, S, W (44, 46, 49)
E. hyberna	R Melampsora euphorbiae s.l.	E, I
	P Podosphaera euphorbiae	I
	R Uromyces tinctoriicola	I
	R Uromyces tuberculatus	I
E. lathyris	R Melampsora euphorbiae s.l.	E, W (44, 46-49, 52)
	P Podosphaera euphorbiae	E
E. martinii cv.	R Melampsora euphorbiae s.l.	E
E. mellifera	R Melampsora euphorbiae s.l.	E
E. orientalis	P Podosphaera euphorbiae	B
E. paralias	R Melampsora euphorbiae s.l.	E, W (44, 46, 48, 52)
	D Peronospora euphorbiae	E
	D Peronospora valesiaca	E
E. peplus	R Melampsora euphorbiae s.l.	E, I, S, W (35, 41-44, 47-52)
	D Peronospora euphorbiae	E
	P Podosphaera euphorbiae	E, S, W (35, 41-43, 46-49, 51)
E. polychroma	R Melampsora euphorbiae s.l.	W (44)
E. portlandica	R Melampsora euphorbiae s.l.	W (44, 52)
E. pulcherrima	P Leveillula clavata	E
	P Pseudoidium poinsettiae	B
E. × pseudovirgata	R Melampsora euphorbiae s.l.	B
	R Uromyces scutellatus	E
E. sarawschanica	P Podosphaera euphorbiae	B
E. segetalis	P Podosphaera euphorbiae	E
E. serrulata	R Melampsora euphorbiae s.l.	E, W (44)

Euphorbia (cont.)

<i>E. soongarica</i>	R <i>Melampsora euphorbiae</i> s.l.	E
<i>E. sp.</i>	R <i>Melampsora euphorbiae</i> s.l.	W (45, 46, 49)
<i>E. stricta</i>	R <i>Melampsora euphorbiae-dulcis</i>	W (35)
<i>E. villosa</i>	P <i>Podosphaera euphorbiae</i>	B
<i>E. wallichii</i>	P <i>Podosphaera euphorbiae</i>	E, S

Euphrasia

<i>E. arctica</i>	R <i>Coleosporium euphrasiae</i>	E, I, S, W (44, 48)
	P <i>Podosphaera phtheirospermi</i>	B
<i>ssp. arctica</i>	R <i>Coleosporium euphrasiae</i>	E
<i>ssp. borealis</i>	R <i>Coleosporium euphrasiae</i>	S, W (44, 49, 52)
	A <i>Ligniera junci</i>	W (44)
	D <i>Plasmopara euphrasiae</i>	W (44)
<i>E. confusa</i>	R <i>Coleosporium euphrasiae</i>	E, S, W (44, 52)
	D <i>Plasmopara euphrasiae</i>	S
	P <i>Podosphaera phtheirospermi</i>	E, S, W (52)
<i>E. confusa</i> × <i>nemorosa</i>	R <i>Coleosporium euphrasiae</i>	E, W (42, 44, 46)
	D <i>Plasmopara euphrasiae</i>	W (44, 46)
	P <i>Podosphaera phtheirospermi</i>	W (46)
<i>E. confusa</i> × <i>ostendfeldii</i>	R <i>Coleosporium euphrasiae</i>	W (44)
<i>E. confusa</i> × <i>tetraquetra</i>	R <i>Coleosporium euphrasiae</i>	W (46, 48)
	D <i>Plasmopara euphrasiae</i>	W (46)
<i>E. micrantha</i>	R <i>Coleosporium euphrasiae</i>	E, S
	P <i>Podosphaera phtheirospermi</i>	B
<i>E. nemorosa</i>	R <i>Coleosporium euphrasiae</i>	E, S, W (41, 42, 44-47, 49, 51))
	D <i>Plasmopara euphrasiae</i>	W (46, 49)
	P <i>Podosphaera phtheirospermi</i>	E, W (44, 46)
<i>E. nemorosa</i> × <i>ostenfeldii</i>	R <i>Coleosporium euphrasiae</i>	W (44)
<i>E. officinalis</i> agg.	D <i>Plasmopara euphrasiae</i>	E, I, W (35, 48)
<i>E. officinalis</i>	R <i>Coleosporium euphrasiae</i>	E, I, S, W (35, 41, 43, 44)
<i>ssp. anglica</i>	R <i>Coleosporium euphrasiae</i>	W (46, 48, 52)
	A <i>Physoderma negeri</i>	W (47)
	D <i>Plasmopara euphrasiae</i>	W (46)
	P <i>Podosphaera phtheirospermi</i>	W (46)
<i>ssp. pratensis</i>	R <i>Coleosporium euphrasiae</i>	E, I, S, W (43, 44, 49)
	D <i>Plasmopara euphrasiae</i>	S, W (44)
	P <i>Podosphaera phtheirospermi</i>	W (46)
<i>E. pseudokernerii</i>	R <i>Coleosporium euphrasiae</i>	E
<i>E. salisburgensis</i>	P <i>Podosphaera phtheirospermi</i>	S

Euphrasia (cont.)

E. sp.	R Coleosporium euphrasiae	E, I, S, W (41)
	D Plasmopara euphrasiae	E, I, S, W (48, 49)
	P Podospaera phtheirospermi	E, S, W (49)
E. tetraquetra	R Coleosporium euphrasiae	E, W (42, 44, 46)
E. tetraquetra × nemorosa	R Coleosporium euphrasiae	W (44)

Euryops

E. acraeus	R Coleosporium tussilaginis	E, S
E. evansii	R Coleosporium sp.	B

Eustoma

E. grandiflorum	D Peronospora chlorae	E
-----------------	-----------------------	---

Euthamia

E. gymnospermoides	P Golovinomyces asterum var. solidaginis	B
--------------------	--	---

Fagopyrum

F. sp.	P Erysiphe polygoni	B
--------	---------------------	---

Fagus

F. sylvatica	P Erysiphe alphitoides	S
	P Phyllactinia orbicularis	E, I, S, W (42, 45-47, 49-52)
‘Purpurea’	P Phyllactinia orbicularis	W (46)

Fallopia

F. baldschuanica	P Erysiphe polygoni	E
	D Peronospora polygoni-convolvuli	E
F. convolvulus	P Erysiphe polygoni	E
	S Microbotryum anomalum	E
	D Peronospora polygoni-convolvuli	E, W (49)
	R Puccinia polygoni	E, I, S, W (41, 42, 44, 49)

Fatsia

F. japonica	W Ramularia fatsiae	E
-------------	---------------------	---

Felicia

F. bergeriana	P Golovinomyces cichoracearum	B
F. sp.	P Golovinomyces asterum var. asterum	B

Festuca

F. arenaria	R Puccinia festucae	I, S
	S Urocystis ulei	E, S
F. brevipila	R Puccinia festucae	B
F. filiformis	R Puccinia festucae	S, W (35, 51)

Festuca (cont.)

F. glauca	R Puccinia festucae	W (42, 44)
'Golden Toupée'	R Puccinia festucae	W (44)
F. longifolia	R Puccinia festucae	B
F. ovina	P Blumeria graminis	B
	R Puccinia coronata var. avenae f. sp. avenae	W (49)
	R Puccinia festucae	E, S, W (42, 44, 46, 50)
	R Puccinia graminis	W (46)
	S Ustilago striiformis	B
F. rubra	P Blumeria graminis s.l.	S, W (35)
	R Puccinia coronata	S
	R Puccinia festucae	E, I, S, W (35, 41, 44-46, 49-52)
	R Puccinia graminis	E, S
	R Uromyces dactylidis	E, S, W (41, 50)
	R Uromyces festucae	E, W (41, 51)
	S Ustilago striiformis	W (46)
ssp. arctica	R Puccinia festucae	S
ssp. commutata	P Blumeria graminis	E
	R Puccinia festucae	S
ssp. juncea	R Puccinia festucae	W (45, 46, 48)
ssp. littoralis	R Puccinia festucae	W (45, 46, 51)
ssp. rubra	P Blumeria graminis	W (35, 44, 46)
	A Hillenburgia radicalis	W (46)
	A Ligniera junci	W (46)
	R Puccinia festucae	S, W (35, 41, 42, 44-46, 48, 49, 51)
F. sp.	A Cladochytrium caespitis	B
	R Puccinia coronata	S
	R Puccinia festucae	S
F. vivipara	R Puccinia coronata	S
	R Puccinia festucae	S, W (42)
	R Uromyces dactylidis	S
Ficaria		
F. verna	S Entyloma ficariae	E, I, S, W (35, 41-52)
	D Peronospora ficariae	E, I, S, W (35, 41, 49-52)
	W Ramularia simplex	W (49)
	A Synchytrium anomalum	B
	S Urocystis ficariae	E, S, W (49)
	R Uromyces ficariae	E, I, S, W (35, 42-50, 52)
	R Uromyces poae	E, I, S, W (35, 41-52)
	R Uromyces rumicis	S

Ficaria (cont.)

ssp. <i>fertilis</i>	S <i>Entyloma ficariae</i>	E, S, W (35, 41-48)
	D <i>Peronospora ficariae</i>	S, W (35, 41-50)
	S <i>Urocystis ficariae</i>	W (35, 42, 44, 46)
	R <i>Uromyces ficariae</i>	E, W (42-44, 46, 47)
	R <i>Uromyces poae</i>	S, W (43-47)
ssp. <i>ficariiformis</i>	D <i>Peronospora ficariae</i>	W (45)
	R <i>Uromyces poae</i>	W (42)
	S <i>Entyloma ficariae</i>	W (42, 43, 45)
ssp. <i>verna</i>	S <i>Entyloma ficariae</i>	E, S, W (41-43, 45-48)
	D <i>Peronospora ficariae</i>	E, W (42, 43, 46-48)
	R <i>Uromyces ficariae</i>	E, S, W (35, 41-52)
	R <i>Uromyces poae</i>	E, S, W (35, 41-52)

Filipendula

F. <i>ulmaria</i>	P <i>Erysiphe ulmariae</i>	E, I, S, W (35, 42-46, 48-52)
	P <i>Podosphaera filipendulae</i>	E, I, S, W (35, 41-46, 48-52)
	W <i>Ramularia ulmariae</i>	E, I, S, W (35, 44, 46, 49-51)
	R <i>Triphragmium ulmariae</i>	E, I, S, W (35, 41-52)
	S <i>Urocystis ulmariae</i>	E, S, W (46)
F. <i>vulgaris</i>	P <i>Erysiphe ulmariae</i>	B
	R <i>Triphragmium filipendulae</i>	E, I, S, W (49)
	S <i>Urocystis filipendulae</i>	E
'Flore Pleno'	P <i>Podosphaera filipendulae</i>	W (43, 44)

Foeniculum

F. <i>vulgare</i>	P <i>Erysiphe heraclei</i>	E
-------------------	----------------------------	---

Forsythia

F. sp.	P <i>Podosphaera pannosa</i>	E
--------	------------------------------	---

Fragaria

F. <i>ananassa</i>	P <i>Podosphaera aphanis</i> var. <i>aphanis</i>	E, W (49)
	W <i>Ramularia grevilleana</i> var. <i>grevilleana</i>	E, I, S
F. sp.	D <i>Peronospora fragariae</i>	E
	P <i>Podosphaera aphanis</i> var. <i>aphanis</i>	S
	W <i>Ramularia grevilleana</i> var. <i>grevilleana</i>	W (51)
F. <i>vesca</i>	R <i>Phragmidium</i> sp.	E
	P <i>Podosphaera aphanis</i> var. <i>aphanis</i>	E, W (44, 46)
F. <i>virginiana</i> cv.	W <i>Ramularia grevilleana</i> var. <i>grevilleana</i>	E, I, S
	W <i>Ramularia grevilleana</i> var. <i>grevilleana</i>	S

Frangula

F. alnus	R	Puccinia coronata var. coronata	E, I, S, W (42, 44-46, 48, 49, 52)
var. alnus	P	Erysiphe divaricata	E, S, W (46)
var. latifolia	P	Erysiphe divaricata	W (46)

Fraxinus

F. excelsior	P	Phyllactinia fraxini	E, I, S, W (35, 41-52)
'Pendula'	P	Phyllactinia fraxini	W (46)

Fritillaria

F. graeca*	R	Uromyces aecidiiformis	E
------------	---	------------------------	---

Fuchsia

F. magellanica	R	Pucciniastrum epilobii	E, I, S
var. gracilis	R	Pucciniastrum epilobii	W (46)
var. molinae	R	Pucciniastrum epilobii	I, W (46, 49)
cv.	R	Pucciniastrum epilobii	I, W (42, 46, 48)
'Riccartonii'	R	Pucciniastrum epilobii	I
F. sp.	P	Erysiphe howeana	B
F. cv.	R	Pucciniastrum epilobii	E, S, W (41, 44, 46-52)
'C.J. Howlett'	R	Pucciniastrum epilobii	W (46)
'Corallina'	R	Pucciniastrum epilobii	W (48)
'Eva Boerg'	R	Pucciniastrum epilobii	W (46)
'Garden News'	R	Pucciniastrum epilobii	E
'Golden Treasure'	R	Pucciniastrum epilobii	W (41)
'Hawkshead'	R	Pucciniastrum epilobii	W (46)
'Lambarda'	R	Pucciniastrum epilobii	W (44)
'Little Cracker'	R	Pucciniastrum epilobii	E
'Marinka'	R	Pucciniastrum epilobii	E
'Miss California'	R	Pucciniastrum epilobii	E
'Mrs Popple'	R	Pucciniastrum epilobii	E, W (43, 46)
'News'	R	Pucciniastrum epilobii	E

Fumaria

F. bastardii	P	Erysiphe cruciferarum	W (42, 49)
var. bastardii	S	Entyloma fumariae	W (46)
	P	Erysiphe cruciferarum	W (44, 46, 49)
	D	Peronospora affinis	W (45, 46, 49, 52)
F. capreolata	S	Entyloma fumariae	W (41, 46)
	P	Erysiphe cruciferarum	W (44)
	D	Peronospora affinis	E
F. densiflora	P	Erysiphe cruciferarum	W (42)
	D	Peronospora affinis	S

Fumaria (cont.)

F. muralis ssp. boraei	S Entyloma fumariae	W (42, 46)
	P Erysiphe cruciferarum	W (49)
	D Peronospora affinis	I, W (42, 43, 45, 46, 49, 50)
var. gracilis	P Erysiphe cruciferarum	W (46)
var. major	P Erysiphe cruciferarum	W (46)
F. occidentalis	P Erysiphe cruciferarum	E
	P Erysiphe cruciferarum	E, I, S, W (49)
	D Peronospora affinis	E, I, S, W (43-45, 49, 52)
F. officinalis		
ssp. officinalis	D Peronospora affinis	E, I, W (44, 46)
ssp. wirtgenii	D Peronospora affinis	W (46)
F. parviflora	P Erysiphe cruciferarum	W (42)
F. purpurea	P Erysiphe cruciferarum	W (42)
	D Peronospora affinis	W (41)
F. reuteri	P Erysiphe cruciferarum	W (42)
F. sp.	S Entyloma fumariae	E
F. sp.	D Peronospora affinis	E, S, W (49)

Gagea

G. bohémica	S Vankya ornithogali	W (43)
G. lutea	R Uromyces gageae	E
	S Vankya ornithogali	E, S

Gaillardia

G. sp.	D Bremia lactucae s.l.	E, S
	P Leveillula lappae	B
	S Entyloma gaillardianum	E

Galanthus

G. elwesii	WRamularia septata	E, W (42, 44)
G. 'Jaquetta'	WRamularia septata	W (44)
G. nivalis	R Melampsora galanthi-fragilis	S
	WRamularia septata	E, S, W (42-44, 46-50, 52)
G. plicatus	WRamularia septata	W (42, 48)
G. woronowii	WRamularia septata	W (44)

Galatella

G. linosyris	P Golovinomyces asterum var. morczkovskii	E
--------------	---	---

Galega

G. officinalis	P Erysiphe galegae	E
	P Erysiphe trifoliorum	E
	D Peronospora galegae	E
	WRamularia galegae	E, W (35, 43)
	R Uromyces galegae	E

Galeopsis

G. angustifolia	P	Neoerysiphe galeopsidis	E
G. bifida	P	Neoerysiphe galeopsidis	E, W (35, 46, 47)
	W	Ramularia lamii var. lamii	W (43)
G. ladanum	P	Neoerysiphe galeopsidis	E
G. segetum	P	Neoerysiphe galeopsidis	E
G. sp.	P	Neoerysiphe galeopsidis	W (35, 43, 47)
G. speciosa	P	Neoerysiphe galeopsidis	E
G. tetrahit	P	Neoerysiphe galeopsidis	E, W (35, 42-44, 46-48)
	W	Ramularia lamii var. lamii	W (42, 43, 49)

Galium

G. album	P	Golovinomyces riedlianus	E
	S	Melanotaenium endogenum	E
	P	Neoerysiphe galii	W (49)
	D	Peronospora galii	E
	R	Puccinia galii-vernii	E
	R	Puccinia punctata f. sp. galii-molluginis	E, W (44, 46, 50)
	R	Thekopsora guttata	E
G. aparine	P	Neoerysiphe galii	E, S, W (41-49, 52)
	D	Peronospora aparines	E, I, S, W (35, 41-52)
	R	Puccinia difformis	E, S, W (41, 42, 44-46, 48-52)
	R	Puccinia punctata	E, W (35, 41, 42, 44, 46)
G. boreale	D	Peronospora galii	S
G. odoratum	P	Neoerysiphe galii	E, S, W (43, 44, 46, 47, 49, 52)
	D	Peronospora calotheca	E, I, S, W (42, 43, 46-50)
	R	Puccinia asperulae-odoratae	E, S, W (44, 46, 48)
	R	Thekopsora guttata	E, S, W (41, 44)
G. palustre	P	Neoerysiphe galii	E
	D	Peronospora galii	E, W (43, 46, 49, 52)
	R	Puccinia punctata f. sp. deminuta	E, I, S, W (35, 41-44, 46-49, 51, 52)
	R	Thekopsora guttata	E, W (44, 46)
ssp. elongatum	R	Puccinia punctata f. sp. deminuta	W (42, 44, 46)
ssp. palustre	R	Puccinia punctata f. sp. deminuta	E, S, W (41, 43, 44, 46, 47)
G. × pomeranicum	R	Puccinia punctata	E
G. saxatile	D	Peronospora galii	E, S, W (46)
	R	Puccinia galii-vernii	E, I, S, W (35, 41, 43, 45, 46, 49, 51)

Galium (cont.)

G. saxatile (cont.)	R Puccinia punctata f. sp. galii-molluginis	E, I, S, W (35, 42, 46, 49, 50, 52)
	A Synchytrium galii	B, W (?)
	R Thekopsora guttata	E, S, W (35, 41-44, 46, 48-50, 52)
G. sp.	P Golovinomyces riedlianus	B
	R Puccinia galii-vernii	W (52)
G. spurium	P Golovinomyces riedlianus	E
G. sternerii	R Puccinia punctata	W (42)
G. uliginosum	R Puccinia galii-vernii	E, W (42, 46)
	R Puccinia punctata f. sp. deminuta	E, S, W (42, 43, 49)
	R Thekopsora guttata	E, S, W (42)
G. verum	P Golovinomyces riedlianus	E
	A Ligniera junci	E
	S Melanotaenium endogenum	E, I, S, W (46, 52)
	P Neoerysiphe galii	S, W (43)
	D Peronospora galii	S, W (46)
	R Puccinia galii-vernii	S, W (48)
	R Puccinia punctata f. sp. galii-veri	E, I, S, W (35, 41-44, 46, 48, 49, 51, 52)
	R Thekopsora guttata	E, S, W (44, 46, 48, 49, 52)
var. maritimum	R Puccinia galii-vernii	B
	R Puccinia punctata f. sp. galii-veri	W (44, 46)

Gazania

G. sp.	P Leveillula lappae	B
--------	---------------------	---

Genista

G. anglica	R Uromyces genistae	E, S, W (35, 43, 44)
G. pilosa	R Uromyces genistae	W (42)
G. sagittalis	P Erysiphe trifoliorum	B
*	R Uromyces genistae	E
G. sibirica	P Erysiphe trifoliorum	B
G. sp.	P Erysiphe thermopsidis	B
G. tinctoria	R Uromyces genistae	E

Gentiana

G. acaulis*	R Puccinia gentianae	E, S, W (41)
G. verna*	R Puccinia gentianae	W (41)

Gentianella

G. amarella	R Uromyces gentianae	E
-------------	----------------------	---

Geranium

G. albiflorum	R Uromyces geranii	B
G. 'Brookside'	P Neoerysiphe geranii	E
	P Podosphaera fugax	E
G. cinereum	P Podosphaera fugax	B
	R Uromyces geranii	S
G. clarkei	P Podosphaera fugax	E
G. collinum	P Neoerysiphe geranii	W (46)
G. columbinum	R Uromyces geranii	E, W (52)
G. cv.	P Podosphaera fugax	W (43)
G. cv.	R Uromyces geranii	E, W (43)
G. dissectum	D Peronospora conglomerata	E, W (44, 46, 49)
	P Podosphaera fugax	E, I, W (35, 42-44, 46, 48, 49, 52)
	R Puccinia polygoni	B
	W Ramularia geranii var. geranii	E
	R Uromyces geranii	E, S, W (52)
G. endressii	R Uromyces geranii	B
G. himalayense	P Podosphaera fugax	E
	R Uromyces geranii	S
G. × johnsonii 'Johnson's Blue'		
	P Neoerysiphe geranii	W (42)
G. lucidum	D Peronospora conglomerata	E, W (46, 49)
	R Uromyces geranii	I
G. × magnificum	P Neoerysiphe geranii	E, W (44, 46)
	P Podosphaera fugax	W (46, 49)
G. molle	D Peronospora conglomerata	E, I, S, W (42-46, 48, 49, 52)
	D Plasmopara pusilla s.l.	E
	P Podosphaera fugax	E, I, S, W (35, 41-49, 52)
	W Ramularia geranii var. geranii	E, S, W (43)
	R Uromyces geranii	E, I, S, W (41, 49, 50, 52)
G. natalense var. album	R Uromyces geranii	S
G. 'Nimbus'	P Podosphaera fugax	E
G. × oxonianum	R Uromyces geranii	W (44)
G. phaeum	P Neoerysiphe geranii	I
	D Peronospora conglomerata	E
	P Podosphaera fugax	E
	W Ramularia geranii var. geranii	E
	R Uromyces geranii	E, W (44)
G. pratense	P Neoerysiphe geranii	E, W (35, 44, 46)
	D Plasmopara pusilla s.s.	E, S, W (43, 52)
	P Podosphaera fugax	E, S, W (35, 46, 49, 52)

Geranium (cont.)

G. pratense (cont.)	W Ramularia geranii var. geranii	E
	R Uromyces geranii	E, S, W (41-44, 46, 49-52)
'Summer Skies'	P Neoerysiphe geranii	W (44)
G. psilostemon	P Neoerysiphe geranii	E
	R Uromyces geranii	E
G. pusillum	D Peronospora conglomerata	E, S
	P Podosphaera fugax	E
	W Ramularia geranii var. geranii	E
	R Uromyces geranii	E
G. pyrenaicum	D Peronospora conglomerata	W (42, 44, 52)
	D Plasmopara pusilla s.l.	E, S, W (51, 52)
	P Podosphaera fugax	E, I, W (35, 44)
	W Ramularia geranii var. geranii	E, I
	R Uromyces geranii	E, I, S, W (35, 41, 42, 44, 47-52)
G. robertianum	W Ramularia geranii var. geranii	W (50)
	D Peronospora conglomerata	W (46)
	P Podosphaera fugax	E
	R Uromyces geranii	E, I, W (35, 41-44, 46, 48, 49, 52)
ssp. celticum	R Uromyces geranii	W (41, 44)
G. rotundifolium	P Podosphaera fugax	E, W (46)
	R Uromyces geranii	E, S, W (46)
G. sanguineum	P Podosphaera fugax	E, S, W (44)
	W Ramularia geranii var. geranii	S
	R Uromyces geranii	E
G. sinense	P Neoerysiphe geranii	S
G. sp.	P Neoerysiphe geranii	E, S, W (52)
	W Ramularia geranii var. geranii	S
	R Uromyces geranii	E
G. sylvaticum	D Plasmopara geranii-silvatici	E, S, W (42)
	P Podosphaera fugax	E, S
	R Puccinia geranii-silvatici	S
	W Ramularia geranii var. geranii	S
	R Uromyces geranii	E, S, W (47)
'Album'	R Uromyces geranii	E
'Mayflower'	R Uromyces geranii	W (44)
G. wallichianum	P Podosphaera fugax	E

Gerbera

G. jamesonii	P Golovinomyces cichoracearum	B
	D Pustula obtusata s.l.	E

Geum

G. 'Borisii'	P Podosphaera aphanis var. aphanis	B
G. coccineum	P Podosphaera aphanis var. aphanis	B
G. × heldreichii	P Podosphaera aphanis var. aphanis	B
G. × intermedium	P Podosphaera aphanis var. aphanis	W (43)
	W Ramularia gei	W (43)
G. japonicum	P Podosphaera aphanis var. aphanis	E
G. macrophyllum	P Podosphaera aphanis var. aphanis	W (46-48)
	W Ramularia gei	W (46)
G. pyrenaicum	P Podosphaera aphanis var. aphanis	B
G. quellyon	P Podosphaera aphanis var. aphanis	B
G. rivale	D Peronospora gei	S
	P Podosphaera aphanis var. aphanis	E, S,
		W (43, 44)
	W Ramularia gei	S, W (50)
G. sp.	W Ramularia aplospora	I
G. urbanum	D Peronospora gei	E, W (50, 51)
	P Podosphaera aphanis var. aphanis	E, I, S,
		W (35, 41-49, 51, 52)
	W Ramularia gei	E, I, S, W (35, 42-52)

Gladiolus

G. cv.*	R Puccinia gladioli	E
G. cv.	S Urocystis gladiolicola	E
G. sp.*	R Uromyces transversalis	B

Glaucium

G. flavum	P Erysiphe cruciferarum	E, W (48)
-----------	-------------------------	-----------

Glaux

G. maritima	R Uromyces lineolatus	E, S, W (44, 45, 51, 52)
-------------	-----------------------	--------------------------

Glebionis

G. coronaria	P Golovinomyces macrocarpus	B
G. segetum	D Bremia lactucae s.l.	E
	P Golovinomyces macrocarpus	E, W (35, 43,
		46, 50-52)
	D Peronospora radii	I
	A Protomycolopsis leucanthemi	S

Glechoma

G. hederacea	P Golovinomyces biocellatus s.s.	E, W (41, 43,
		44, 46, 48, 49, 52)
	P Neoerysiphe galeopsidis	E, S, W (41, 44, 46)
	R Puccinia glechomatis	E, I, S, W (35, 41-52)

Glechoma (cont.)

G. hederacea (cont.)	W <i>Ramularia glechomatis</i>	E, I, S, W (35, 42-47, 49-52)
'Variegata'	P <i>Golovinomyces biocellatus</i> s.s.	E, W (49, 52)

Glyceria

G. declinata	R <i>Puccinia graminis</i>	E
	S <i>Ustilago filiformis</i>	E, W (44, 46, 52)
G. fluitans	A <i>Hillenburgia radicalis</i>	E
	R <i>Puccinia poae-nemoralis</i>	E, W (44)
	S <i>Ustilago davisii</i>	S
	S <i>Ustilago filiformis</i>	E, I, S, W (44, 46, 52)
	S <i>Ustilentyloma fluitans</i>	S
G. maxima	A <i>Physoderma gerhardtii</i>	B
	R <i>Puccinia coronata</i> var. <i>avenae</i>	E, W (44)
	R <i>Puccinia poae-nemoralis</i>	E, S
	S <i>Ustilago filiformis</i>	E, I, S, W (35, 41, 43, 44, 46, 47, 52)
G. notata	S <i>Tranzscheliella hypodytes</i>	E
	S <i>Ustilago filiformis</i>	E
G. × pedicellata	S <i>Ustilago filiformis</i>	E
G. sp.	R <i>Puccinia graminis</i>	E
	S <i>Ustilago filiformis</i>	E, I, S, W (43, 50, 51)

Glycine

G. max	D <i>Peronospora manshurica</i>	E
--------	---------------------------------	---

Goniolimon

G. tataricum var. <i>angustifolium</i>	R <i>Uromyces limonii</i>	E
--	---------------------------	---

Goodyera

G. repens	R <i>Melampsora repentis</i>	S
	R <i>Uredo goodyerae</i>	S

Greyia

G. sp.	P <i>Leveillula taurica</i> s.l.	E
--------	----------------------------------	---

Grindelia

G. sp.	P <i>Golovinomyces pseudosepultus</i>	E
G. squarrosa	P <i>Golovinomyces cichoracearum</i>	B

Gymnadenia

G. conopsea s.l.	R <i>Melampsora repentis</i>	E, I, S
	R <i>Puccinia sessilis</i>	E, W (52)

Gymnocarpium

G. dryopteris	R <i>Hyalopsora aspidiotus</i>	S
---------------	--------------------------------	---

Gypsophila

G. elegans R Puccinia arenariae E

Hedera

H. helix agg. P Golovinomyces orontii B

Helianthemum

Helianthemum apenninum 'Ben Macdhui'
P Leveillula taurica s.l. S
Helianthemum cv. P Podosphaera helianthemii W (51)
'Amabile Plenum' P Leveillula taurica s.l. S
H. nummularium D Peronospora leptoclada E
P Podosphaera helianthemii B
'Chocolate Blotch' P Leveillula taurica s.l. S
ssp. grandiflorum P Leveillula taurica s.l. E
ssp. nummularium P Leveillula taurica s.l. E
H. pilosum P Podosphaera helianthemii B
H. sp. P Leveillula taurica s.l. S
P Oidiopsis cisti W (51)
P Podosphaera helianthemii E, I, S
H. violaceum P Podosphaera helianthemii B
'Rhodanthe Carneum'
P Leveillula taurica s.l. B

Helianthus

H. annuus P Golovinomyces ambrosiae E, W (43, 48, 49)
H. 'Lemon Queen' P Golovinomyces ambrosiae E, W (43)
H. maximiliani P Golovinomyces ambrosiae W (43)
H. × multiflorus P Golovinomyces ambrosiae W (48)
H. pauciflorus P Golovinomyces ambrosiae E
H. sp. A Protomyopsis purpureotinctus E
H. tuberosus P Golovinomyces ambrosiae E
P Golovinomyces orontii E

Helichrysum

H. sp. D Bremia lactucae s.l. E, S

Helictochloa

H. pratensis R Puccinia graminis E
R Puccinia pratensis E

Helleborus

H. foetidus D Peronospora pulveracea E
H. foetidus W Ramularia hellebori E, W (35, 43, 44)
H. niger D Peronospora pulveracea E, I
H. sp. D Peronospora pulveracea I
W Ramularia hellebori E

Helleborus (cont.)

H. viridis	R Puccinia persistens	B
	W Ramularia hellebori	E, W (43, 46)
	S Urocystis floccosa	E

Helminthotheca

H. echioides	D Bremia lactucae s.l.	E
	P Golovinomyces cichoracearum	E, W (41, 42, 45, 46, 49, 50)
	W Ramularia inaequalis	E, S, W (35, 42-45, 49, 52)

Helosciadium

H. inundatum	D Buerenia inundata	I
H. nodiflorum	D Buerenia inundata	E, I, S, W, (41-46, 49, 51, 52)
	S Entyloma helosciadii	E, I, S, W (42, 43, 46)
	A Protomyces macrosporus	E, I
	W Ramularia heraclei	W (46)
	A Synchytrium aureum s.l.	B
	R Uromyces lineolatus	W (44)

Hepatica

H. americana	S Urocystis syncocca	E
H. nobilis	S Urocystis syncocca	E
H. pennsylvanica	S Urocystis syncocca	E

Heracleum

H. mantegazzianum	P Erysiphe heraclei	E, W (44)
H. sp.	R Puccinia nitidula	S
H. sphondylium	P Erysiphe heraclei	E, I, S, W (35, 41-49, 52)
	D Plasmopara crustosa	E, I, S
	R Puccinia heraclei	E, I, S, W (46, 48, 49)
	W Ramularia heraclei	E, I, S, W (35, 41-52)
	A Taphridium umbelliferarum	E, I, S, W (45, 50-52)

Herniaria

H. ciliolata	R Puccinia herniariae	E
--------------	-----------------------	---

Hesperis

H. matronalis	D Albugo candida s.l.	W (49)
	P Erysiphe cruciferarum	E, W (46, 49)
	D Hyaloperonospora hesperidis	E, S, W (42)
	A Plasmodiophora brassicae	E
	W Ramularia armoraciae	W (42, 43, 46)

Heuchera

H. × brizoides 'Red Spangles'			
	R	<i>Puccinia heucherae</i>	W (46)
H. cv.	P	<i>Podosphaera macrospora</i>	E
	R	<i>Puccinia heucherae</i>	E, W (44, 47, 49, 52)
'Alabama Sunrise'	R	<i>Puccinia heucherae</i>	W (49)
'Autumn Leaves'	R	<i>Puccinia heucherae</i>	W (52)
'Beauty Colour'	R	<i>Puccinia heucherae</i>	W (49)
'Boysenberry'	R	<i>Puccinia heucherae</i>	W (46)
'Bressingham Hybrid'			
	R	<i>Puccinia heucherae</i>	W (49)
'Cherry Cola'	R	<i>Puccinia heucherae</i>	W (49)
'Crème Brûlée'	R	<i>Puccinia heucherae</i>	W (44, 49)
'Firefly'	R	<i>Puccinia heucherae</i>	W (49)
'Georgia Peach'	R	<i>Puccinia heucherae</i>	W (47, 49)
'Ginger Ale'	R	<i>Puccinia heucherae</i>	W (49)
'Hollywood'	R	<i>Puccinia heucherae</i>	W (49)
'Lime Marmalade'	R	<i>Puccinia heucherae</i>	W (49)
'Marmalade'	R	<i>Puccinia heucherae</i>	W (49, 52)
'Melting Fire'	R	<i>Puccinia heucherae</i>	W (52)
'Midnight Rose'	R	<i>Puccinia heucherae</i>	W (49)
'Obsidian'	R	<i>Puccinia heucherae</i>	W (49)
'Original Yellow'	R	<i>Puccinia heucherae</i>	W (49)
'Paris'	R	<i>Puccinia heucherae</i>	W (52)
'Purple Palace'	R	<i>Puccinia heucherae</i>	W (49)
'Rio'	R	<i>Puccinia heucherae</i>	W (47)
'Shanghai'	R	<i>Puccinia heucherae</i>	W (49)
'Silver Streak'	R	<i>Puccinia heucherae</i>	W (49)
'Southern Comfort'	R	<i>Puccinia heucherae</i>	W (49)
'Sparkling Burgundy'			
	R	<i>Puccinia heucherae</i>	W (49, 52)
'Sugar Frosting'	R	<i>Puccinia heucherae</i>	W (52)
'Sweet Tea'	R	<i>Puccinia heucherae</i>	W (49, 52)
H. sanguinea	P	<i>Podosphaera macrospora</i>	W (51)
H. villosa 'Autumn Bride'	R	<i>Puccinia heucherae</i>	E

Hieracium

H. adelphicum	R	<i>Puccinia hieracii</i>	W (35)
H. alpinum	R	<i>Puccinia hieracii</i>	S
H. anglicum	R	<i>Puccinia hieracii</i>	I
H. angustatifolium	P	<i>Golovinomyces hieraciorum</i>	W (42)
H. apheles	P	<i>Golovinomyces hieraciorum</i>	W (42)
H. argentiforme	P	<i>Golovinomyces hieraciorum</i>	W (42)
H. argillaceum	R	<i>Puccinia hieracii</i>	W (46)

Hieracium (cont.)

H. britanniciforme	P Golovinomyces hieraciorum	W (42)
H. britannicoides	R Puccinia hieracii	W (49)
H. candelabrae	P Golovinomyces hieraciorum	W (42)
H. cantianum	P Golovinomyces hieraciorum	W (42)
H. cerinthiforme	R Puccinia hieracii	S
H. charitodon	P Golovinomyces hieraciorum	W (42)
H. cyathis	P Golovinomyces hieraciorum	W (44)
H. daedalolepioides	P Golovinomyces hieraciorum	W (46)
H. dentulum	P Golovinomyces hieraciorum	W (42)
H. diaphanum	P Golovinomyces hieraciorum	W (44)
H. exotericum	R Puccinia hieracii	E
H. grandidens	P Golovinomyces hieraciorum	W (46)
H. hebridense	R Puccinia hieracii	S
H. hypochaeroides	P Golovinomyces hieraciorum	W (44)
H. inspissatum	P Golovinomyces hieraciorum	W (42)
H. iricum	R Puccinia hieracii	S
H. lasiophyllum	S Entyloma hieracii	S
H. leptodon	P Golovinomyces hieraciorum	W (44)
H. liguans	P Golovinomyces hieraciorum	W (42)
H. lintonense	P Golovinomyces hieraciorum	W (42)
H. mannidens	P Golovinomyces hieraciorum	W (42)
H. molybdochroum	P Golovinomyces hieraciorum	W (44)
H. neocoracinum	P Golovinomyces hieraciorum	W (42)
H. oreades	R Puccinia hieracii	B
H. pollichiae	P Golovinomyces hieraciorum	W (42)
H. pollinarioides	P Golovinomyces hieraciorum	W (42)
H. prenanthoides	R Puccinia hieracii	S
H. promontoriale	P Golovinomyces hieraciorum	W (42)
H. pulchrius	R Puccinia hieracii	W (42)
H. radylene	P Golovinomyces hieraciorum	W (41)
H. rectulum	P Golovinomyces hieraciorum	W (44)
H. repandulare	R Puccinia hieracii	W (42, 44)
H. riddelsdellii	P Golovinomyces hieraciorum	W (44)
H. rubicundiforme	R Puccinia hieracii	S
H. sect. Sabauda	P Golovinomyces hieraciorum	E
H. sabaudum	P Golovinomyces hieraciorum	W (46)
	R Puccinia hieracii	E, W (42, 44, 46, 49)
f. bladonii	R Puccinia hieracii	E
H. scoticum	P Golovinomyces hieraciorum	W (42)
H. scullyi	P Golovinomyces hieraciorum	W (42)
H. silvaticoides	R Puccinia hieracii	B, E
H. snowdoniense	P Golovinomyces hieraciorum	W (44)

Hieracium (cont.)

H. sp.	D Bremia lactucae s.l.	E, W (49)
	S Entyloma hieracii	S
	P Golovinomyces hieraciorum	E, I, S, W (41, 43-45, 47, 49)
	R Puccinia hieracii	E, I, S, W (35, 41-44, 46, 47, 49-52)
	A Synchytrium aureum s.l.	B
H. subcrocatum	P Golovinomyces hieraciorum	W (46)
	R Puccinia hieracii	B
H. subminutidens	P Golovinomyces hieraciorum	W (42)
H. submutabile	P Golovinomyces hieraciorum	W (44)
H. subrude	P Golovinomyces hieraciorum	W (42)
H. tavense	P Golovinomyces hieraciorum	W (42)
H. umbellatum agg.	P Golovinomyces hieraciorum	E, W (43, 47)
H. umbellatum	R Puccinia hieracii	E, W (41, 43, 44, 47, 49)
ssp. bichlorophyllum	P Golovinomyces hieraciorum	W (46)
ssp. umbellatum	R Puccinia hieracii	B
H. vagicola	P Golovinomyces hieraciorum	W (42)
H. vagum	P Golovinomyces hieraciorum	E, W (46)
	R Puccinia hieracii	E, S, W (44, 46, 49)
H. sect. Vulgata	P Golovinomyces hieraciorum	E
H. vulgatum	R Puccinia hieracii	E, I

Hippocrepis

H. comosa	R Uromyces hippocrepidis	E
H. sp.	P Erysiphe pisi var. pisi	B
H. unisiliquosa	P Erysiphe trifoliorum	B

Hirschfeldia

H. incana	D Albugo candida s.l.	E, W (46)
	P Erysiphe cruciferarum	E, W (41, 42, 44, 46)
	D Hyaloperonospora erucastris	W (46)

Holcus

H. lanatus	P Blumeria graminicola	E, S, W (44)
	S Jamesdicksonia dactylidis	S
	A Ligniera junci	W (46)
	R Puccinia coronata var. avenae f. sp. graminicola	E, I, S, W (35, 41-52)
	R Puccinia graminis	E, I, S
	R Puccinia holcicola	E, S, W (41, 44-48, 51, 52)
	R Puccinia holcina	S, W (44)
	W Ramularia holci-lanati	W (46)

Holcus (cont.)

H. lanatus	S Tilletia holci	E, I, S, W (46)
	S Ustilago striiformis	E, I, S, W (35, 41, 46, 49)
H. mollis	P Blumeria graminicola	E
	S Jamesdicksonia dactylidis	S
	R Puccinia coronata var. avenae f. sp. graminicola	E, I, S, W (35, 41-46, 48-52)
	R Puccinia graminis	E
	R Puccinia holcicola	E, S, W (41, 42, 44, 46-49)
	R Puccinia striiformis	E
	S Tilletia holci	E, S, W (46, 51)
	S Ustilago striiformis	E, I, S, W (35, 41-47, 49)
H. sp.	R Puccinia coronata var. avenae f. sp. graminicola	E, W (35, 41, 44)
	R Puccinia holcicola	W (35, 42, 49-51)

Homalocladium

H. platycladium	P Erysiphe polygoni	B
-----------------	---------------------	---

Honckenya

H. peploides	D Peronospora honckenyaee	E, S, W (44, 49)
--------------	---------------------------	------------------

Hordelymus

H. europaeus	P Blumeria graminis s.l.	E
--------------	--------------------------	---

Hordeum

H. cv.	P Blumeria dactylidis	S, W (49)
	R Puccinia striiformis	E
‘Ackermans 820’	R Puccinia striiformis	E
‘Ark Royal’	P Blumeria dactylidis	E
‘Astrix’	R Puccinia striiformis	E
‘Athos’	P Blumeria dactylidis	E
‘Cambrinus’	P Blumeria dactylidis	E
‘Dea’	R Puccinia striiformis	E
‘Deba Abed’	P Blumeria dactylidis	E
‘Dura’	R Puccinia striiformis	E
‘Eckendorf’	R Puccinia striiformis	E
‘Eckendorf 5687’	R Puccinia striiformis	E
‘Europa’	P Blumeria dactylidis	E
‘Impala’	P Blumeria dactylidis	E
	R Puccinia striiformis	E
‘Julia’	P Blumeria dactylidis	E
‘Maris Otter’	P Blumeria dactylidis	E
	R Puccinia hordei	E
‘Midus’	R Puccinia hordei	E
‘Proctor’	P Blumeria dactylidis	E

Hordeum (cont.)

H. cv. (cont.)

‘Rika’	P Blumeria dactylidis	E
‘Sonja’	P Blumeria dactylidis	E
‘Sultan’	P Blumeria dactylidis	E
	R Puccinia striiformis	E
‘Swallow’	P Blumeria dactylidis	E
‘Vada’	R Puccinia striiformis	E
‘Zephyr’	P Blumeria dactylidis	E
	R Puccinia striiformis	E
H. distichon	P Blumeria dactylidis	E, W (46)
	R Puccinia graminis	E, S
	R Puccinia hordei	E, W (44, 46)
	R Puccinia striiformis	E, S
	S Ustilago hordei	E
	S Ustilago tritici	E
H. marinum	R Puccinia graminis	W (41)
	R Puccinia striiformis	E
H. murinum	P Blumeria dactylidis	E, W (35)
	R Puccinia graminis	B
	R Puccinia hordei	E, S, W (41, 44, 49, 51)
	R Puccinia striiformis	E, S, W (41, 44)
ssp. murinum	R Puccinia hordei	W (41, 44)
	R Puccinia striiformis	W (44)
H. secalinum	R Puccinia hordei	W (42, 44, 52)
	R Puccinia striiformis	W (41, 44)
H. sp.	P Blumeria dactylidis	S
	R Puccinia striiformis	W (46)
	S Ustilago hordei	E, S, W (50)
	S Ustilago tritici	E, S
H. vulgare	P Blumeria dactylidis	E, S
	R Puccinia graminis	S
	R Puccinia hordei	E, S, W (44, 49, 50, 52)
	R Puccinia striiformis	S
	S Ustilago hordei	E, S, W (49, 50)
	S Ustilago tritici	E
ssp. nudum	S Ustilago tritici	E, I, S, W (49)
H. vulgare (incl. distichon)	W Ramularia collo-cygni	E, I, S, W (35, 41, 42, 45, 46)

Hornungia

H. petraea	D Hyaloperonospora parasitica s.l.	E
	D Peronospora hornungiae	E

Humulus

H. lupulus	P Podosphaera macularis	E, S, W (35, 41, 47, 51)
	D Pseudoperonospora humuli	E, I, S, W (35, 42-44, 46)
H. scandens	P Podosphaera macularis	E
H. sp.	P Podosphaera macularis	S

Hyacinthoides

H. hispanica	R Uromyces hyacinthi	E, S, W (35, 41, 44, 46, 49, 51, 52)
H. × massartiana	R Uromyces hyacinthi	E, S, W (41-46, 48-52)
H. non-scripta	R Uromyces hyacinthi	E, I, S, W (35, 41-52)

Hydrangea

H. macrophylla		
cv.	P Pseudoidium hortensiae	E, W (41, 45, 46, 48, 49, 51, 52)
ssp. serrata	P Pseudoidium hortensiae	E
H. sp.	P Golovinomyces orontii	B
	P Pseudoidium hortensiae	E, S, W (41)

Hydrocharis

H. morsus-ranae	S Tracyna hydrocharidis	E, W (47)
-----------------	-------------------------	-----------

Hydrocotyle

H. vulgaris	R Puccinia hydrocotyles	E, I, S, W (41, 44, 46, 52)
-------------	-------------------------	-----------------------------

Hylotelephium

H. 'Herbstfreude'	P Erysiphe sedi	E
H. spectabile	P Erysiphe sedi	E, W (46, 49, 50)
	P Golovinomyces orontii	E

Hyoscyamus

H. niger	P Golovinomyces hyoscyami	E
	D Peronospora hyoscyami	E

Hypericum

H. androsaemum	P Erysiphe hyperici	E, S, W (44)
	R Melampsora hypericorum	E, I, S, W (35, 41-52)
'Albury Purple'	R Melampsora hypericorum	W (49)
H. calycinum	P Erysiphe hyperici	E, S
	R Melampsora hypericorum	E, I, S, W (35, 41-44, 46-52)
H. × desetangsii	P Erysiphe hyperici	I, W (35, 42-44, 46-48)
	R Melampsora hypericorum	I, W (44)
H. × hidcotense	R Melampsora sp.	E

Hypericum (cont.)

H. hircinum	R Melampsora hypericorum	E, W (41, 44, 46)
ssp. majus	R Melampsora hypericorum	B
H. hirsutum	P Erysiphe hyperici	E, W (42, 46)
	R Melampsora hypericorum	E
H. humifusum	P Erysiphe hyperici	E
	R Melampsora hypericorum	E, W (44)
H. × inodorum	R Melampsora hypericorum	E, W (35, 41, 44, 47, 48, 50)
	R Melampsora sp.	E, W (35, 41, 44-46, 48, 50, 52)
'Elstead'	R Melampsora hypericorum	W (48)
	R Melampsora sp.	E, W (41, 44, 48)
H. kotschyanum	P Erysiphe hyperici	B
H. kouychense	P Erysiphe hyperici	S
H. maculatum	P Erysiphe hyperici	E, I, W (44, 47, 49, 50)
	R Melampsora hypericorum	I
ssp. obtusiusculum	P Erysiphe hyperici	W (42, 46, 47)
	R Melampsora hypericorum	I
H. montanum	P Erysiphe hyperici	E, W (44)
	R Melampsora hypericorum	E
H. oblongifolium	R Melampsora hypericorum	E, W (49)
H. patulum	R Melampsora sp.	E
H. perforatum	P Erysiphe hyperici	E, S, W (41, 43, 44, 46, 47, 49)
	R Melampsora hypericorum	E, S, W (44, 48-50)
H. perforatum × undulatum	P Erysiphe hyperici	W (46)
	R Melampsora hypericorum	E
H. pseudohenryi	R Melampsora hypericorum	E
H. pulchrum	P Erysiphe hyperici	E, W (49)
	R Melampsora hypericorum	E, I, S, W (43, 44, 46, 49, 52)
H. sp.	R Melampsora hypericorum	E, S, W (43, 47, 49)
H. tetrapterum	P Erysiphe hyperici	W (46)
	R Melampsora hypericorum	I
H. undulatum	P Erysiphe hyperici	W (45)
H. webbii	P Erysiphe hyperici	S
H. xylosteifolium	R Melampsora sp.	E
Hypochaeris		
H. glabra	R Puccinia hypochaeridis	B
H. maculata	D Bremia lactucae s.l.	E
	R Puccinia hypochaeridis	B

Hypochaeris (cont.)

H. radicata	D Bremia lactucae s.l.	E, S, W (42, 44)
	P Golovinomyces cichoracearum	E, S, W (42-44, 46, 47, 49)
	R Puccinia hypochaeridis	E, I, S, W (41-52)
	W Ramularia inaequalis	E, I, S, W (46)
	A Synchytrium taraxaci	W (45)

Hyssopus

H. officinalis	P Golovinomyces biocellatus s.l.	E
----------------	----------------------------------	---

Iberis

I. amara	D Peronospora iberidis	E
I. sempervirens	D Peronospora iberidis	E
I. sp.	P Erysiphe cruciferarum	B
I. umbellata	P Erysiphe cruciferarum	S

Impatiens

I. balsamina	P Podosphaera balsaminae	B
I. capensis	P Podosphaera xanthii	E, W (41)
	R Puccinia impatientis	E
I. glandulifera	P Podosphaera xanthii	B
	R Puccinia komarovii	E, S, W (41, 44, 46)
I. noli-tangeri	P Podosphaera balsaminae	E, W (48)
I. sp.	P Fibroidium balsaminae	E, W (51)
I. walleriana	D Plasmopara obducens	E, W (35, 46)

Inula

I. conyzae	D Pustula obtusata s.l.	E
	W Ramularia cupulariae	E, W (43)
I. magnifica	P Golovinomyces inulae	E

Ipomoea

I. purpurea 'Grandpa Otts'		
	P Erysiphe convolvuli	E

Iris

I. cv.	R Puccinia iridis	E, S, W (35, 44, 47, 49, 51, 52)
I. domestica	R Puccinia belamcandae	E
I. foetidissima	R Puccinia iridis	E, I, W (35, 41-44, 46, 49-52)
'Variegata'	R Puccinia iridis	W (46)
I. germanica	R Puccinia iridis	E, S
I. missouriensis	R Puccinia iridis	E
I. pseudacorus	A Ligniera junci	E
	R Puccinia iridis	E, S
I. reichenbachii	R Puccinia iridis	S
I. sibirica	R Puccinia iridis	B

Iris (cont.)		
l. sp.	W Ramularia rollandii	E
l. xiphium	R Puccinia iridis	B
Isatis		
l. tinctoria	A Plasmodiophora brassicae	B
Ismelia		
l. carinata	R Coleosporium senecionis	E
	P Golovinomyces macrocarpus	B
Isopyrum		
l. sp.	D Plasmoverna isopyri-thalictroidis	E
Jacobaea		
J. × albescens	P Golovinomyces fischeri	E
J. aquatica	D Bremia tulasnei	I, W (43, 51)
	R Coleosporium senecionis	S
	P Golovinomyces fischeri	S
	P Podosphaera senecionis	E, I, W (43, 44, 46, 49)
	R Puccinia expansa	E, I, S, W (46, 47)
	R Puccinia glomerata	E, I, S, W (46, 47)
	W Ramularia filaris	I, S, W (43, 46)
J. erucifolia	D Bremia tulasnei	E
	P Podosphaera senecionis	E, W (46)
J. maritima	D Bremia tulasnei	E, S
	R Coleosporium senecionis	B, W
	P Golovinomyces fischeri	B
	R Puccinia lagenophorae	E
	D Pustula obtusata s.l.	E
J. vulgaris	D Bremia tulasnei	E, I, S, W (44, 49-51)
	P Golovinomyces fischeri	E, S
	P Podosphaera senecionis	E, I, S, W (41-44, 46, 48-50, 52)
	R Puccinia expansa	E, I, S, W (44, 46, 47, 49-52)
	R Puccinia lagenophorae	E, S, W (44)
	R Puccinia schoeleriana	E, S, W (44, 48, 52)
	D Pustula obtusata s.l.	W (49)
	W Ramularia filaris	E, I, S, W (46, 49, 51)
Jasione		
J. montana	R Puccinia campanulae	W (46)

Juglans

J. regia	P Erysiphe juglandis	E
	S Pseudomicrostroma juglandis	E, W (42-46, 48, 49, 51, 52)
J. sp.	P Erysiphe juglandis	W

Juncus

J. acutiflorus	S Urocystis junci	E
	R Uromyces junci	W (52)
J. acutus	R Puccinia cancellata	E, W (41, 44, 48)
	S Urocystis junci	E
J. articulatus	A Ligniera junci	E
	R Uromyces junci	E, S, W (41, 44, 46, 52)
var. articulatus	S Juncorrhiza casparyana	E, S, W (44, 46-48)
	A Ligniera junci	W (44, 45, 46)
var. littoralis	S Juncorrhiza casparyana	W (46)
	A Ligniera junci	W (46)
var. nigritellus	S Juncorrhiza casparyana	W (42-44, 46)
	A Ligniera junci	W (46)
	R Uromyces junci	W (46)
J. bufonius	S Juncorrhiza aschersoniana	E, S, W (42-44, 46-48)
	R Uromyces junci	W (44)
J. bulbosus	S Juncorrhiza casparyana	S
ssp. kochii	S Juncorrhiza casparyana	W (43, 46)
J. conglomeratus	R Uromyces junci	E
J. effusus	A Ligniera junci	W (46)
	R Uromyces junci	E
var. subglomeratus	R Uromyces junci	E
J. inflexus	R Uromyces junci	E
J. maritimus	R Puccinia cancellata	W (41, 44-46)
J. sp.	S Juncorrhiza casparyana	S
J. subnodulosus	R Uromyces junci	E, W (41, 44, 50)
J. × surrejanus	S Juncorrhiza casparyana	W (46)
J. tenuis	A Ligniera junci	W (46)
	R Uromyces silphii	E, W (41, 44, 46-49)

Juniperus

J. chinensis	R Gymnosporangium asiaticum	E
J. communis	R Gymnosporangium clavariiforme	E, I, S, W (46, 47, 49, 52)
	R Gymnosporangium cornutum	E, S
‘Hibernica’	R Gymnosporangium clavariiforme	E
ssp. nana	R Gymnosporangium clavariiforme	S
	R Gymnosporangium cornutum	S

Juniperus (cont.)

J. × pfitzeriana	R Gymnosporangium sabiniae	E
J. sabinia	R Gymnosporangium confusum	E, W (43)
	R Gymnosporangium sabiniae	E, S, W (51)
J. sp.	R Gymnosporangium clavariiforme	W (47)

Kalanchoe

K. blockforniae	P Pseudoidium kalanchoes	S
K. brachyloba	P Pseudoidium kalanchoes	S
K. sp.	S Exobasidium japonicum	E, I, W (43, 50)
	S Exobasidium rhododendri	E

Kalmia

K. sp.	P Erysiphe azaleae	E
--------	--------------------	---

Kickxia

K. spuria	S Melanotaenium hypogaeum	E
-----------	---------------------------	---

Kleinia

K. grandiflora	R Coleosporium sp.	E
----------------	--------------------	---

Knautia

K. arvensis	P Erysiphe knautiae	E, W (52)
	S Microbotryum flosculorum	E, I, S
	S Microbotryum scabiosae	E, I, S
	D Peronospora knautiae	E
	D Peronospora violacea	E, S
	P Podosphaera dipsacacearum	E
	W Ramularia tricherae	E, I, S, W (43)
K. macedonica	P Erysiphe knautiae	W (46, 48)
	P Podosphaera dipsacacearum	E, I, W (48, 50)
K. 'Red Knight'	P Podosphaera dipsacacearum	E

Kniphofia

K. uvaria	A Physoderma asphodeli	E
-----------	------------------------	---

Koeleria

K. macrantha	P Blumeria graminis	B
	R Puccinia longissima	E, S, I, W (46)

Laburnum

L. anagyroides	P Erysiphe guarinonii	E, S, W (44, 46)
	D Peronospora cytisi	E
	R Uromyces laburni	E
L. sp.	P Erysiphe guarinonii	S, W (51)
L. × watereri	P Erysiphe guarinonii	W (51)

Lactuca

L. saligna	P Golovinomyces cichoracearum	B
L. sativa	D Bremia lactucae s.s.	E, I, S, W (35, 41, 43-47, 49, 50, 52)
	P Golovinomyces cichoracearum	E
	R Puccinia opizii	E
L. serriola	D Bremia lactucae s.s.	E, W (43)
	P Golovinomyces cichoracearum	E, W (41-44, 46)
L. sp.	R Puccinia opizii	E
L. virosa	D Bremia lactucae s.s.	E
	P Golovinomyces cichoracearum	E
	R Puccinia opizii	E

Laelia

L. sp.*	R Uredo behnickiana	B
---------	---------------------	---

Lagerstroemia

L. indica	P Erysiphe australiana	E
'Twylight'	P Erysiphe australiana	E

Lamiastrum

L. galeobdolon	W Ramularia lamii var. lamii	E, W (43)
ssp. argentatum	P Neoerysiphe galeopsidis	E, W (42-49, 52)
ssp. montanum	P Neoerysiphe galeopsidis	E, S, W (42, 43, 46)

Lanium

L. album	S Melanotaenium jaapii	E
	P Neoerysiphe galeopsidis	E, S, W (42-47, 49-51)
	D Peronospora lamii	E
	W Ramularia lamii var. lamii	E, S, W (41-44, 46, 47, 49-52)
L. amplexicaule	P Neoerysiphe galeopsidis	E, S, W (44, 46)
	D Peronospora lamii	E, S
L. confertum	P Neoerysiphe galeopsidis	B
L. hybridum	P Neoerysiphe galeopsidis	E, W (46, 49, 52)
	W Ramularia lamii var. lamii	W (46)
L. maculatum	P Neoerysiphe galeopsidis	E, S, W (47)
	D Peronospora lamii	E, S, W (47, 52)
L. purpureum	P Neoerysiphe galeopsidis	E, I, S, W (35, 42, 43, 45-49, 52)
	D Peronospora lamii	E, I, S, W (42, 49, 51, 52)
	W Ramularia lamii var. lamii	E, S, W (42, 47, 49)
L. sp.	P Neoerysiphe galeopsidis	S

Lampranthus

L. roseus	D Albugo trianthemae	E
L. sp.	D Albugo trianthemae	E
L. spectabilis	D Albugo trianthemae	E

Lapsana

L. communis	P Golovinomyces cichoracearum s.l.	E, I, S, W (49)
ssp. communis	D Bremia lapsanae	E, I, S, W (42-47, 50, 51)
	P Golovinomyces cichoracearum s.l.	E, S, W (46)
	P Neoerysiphe nevoi	E, I, S, W (41, 42, 44, 46-48, 51)
	P Podosphaera erigerontis-canadensis	E, S, W (35, 41, 43, 44, 49, 50)
	R Puccinia lapsanae	E, I, S, W (35, 41-52)
	W Ramularia lapsanae	E, I, S, W (35, 41-52)

Larix

L. decidua	R Melampsora caprearum	B
	R Melampsora laricis-epitea	B
	R Melampsora laricis-populina	S
	R Melampsorium betulinum	E, S
L. gmelinii	R Melampsorium betulinum	B
L. kaempferi	R Melampsora caprearum	B
	R Melampsora laricis-epitea	B
	R Melampsora laricis-populina	S
	R Melampsorium betulinum	S
L. potaninii	R Melampsorium betulinum	E

Lathyrus

L. hirsutus	P Erysiphe trifoliorum	B
L. latifolius	P Erysiphe pisi var. pisi	E, S
	W Ramularia deusta var. deusta	E, W (35, 43, 46)
	R Uromyces lathyri-latifoliii	E, W (41, 44)
	R Uromyces pisi	E, W (44)
‘Alba’	W Ramularia deusta var. deusta	E
L. linifolius	D Peronospora orobi	E, S, W (47)
	W Ramularia deusta var. deusta	I, W (51)
var. montanus	P Erysiphe trifoliorum	E
	R Uromyces viciae-fabae var. orobi	E, I, S, W (42, 43, 46-48, 51)
L. magellanicus	P Erysiphe trifoliorum	B
L. niger	W Ramularia deusta var. deusta	E, I
L. nissolia	D Peronospora fulva	E, W (35)

Lathyrus (cont.)

L. odoratus	P Erysiphe pisi var. pisi	E, W (42-44, 46, 49)
	D Peronospora viciae s.l.	E, S, W (45, 46, 48)
	W Ramularia deusta var. alba	E, S, W (35, 42, 43, 46)
cv.	P Erysiphe trifoliorum	E, I, W (47)
	R Uromyces pisi	W (35)
'Juliet'	W Ramularia deusta var. alba	W (43)
'Leamington'	W Ramularia deusta var. alba	W (44)
'Miss Wilmott'	W Ramularia deusta var. alba	W (43)
'White Ensign'	W Ramularia deusta var. alba	W (44)
'Winston Churchill'	W Ramularia deusta var. alba	W (44)
L. oleraceus	P Erysiphe pisi var. pisi	E, S, W (35, 42-44, 46, 48)
	D Peronospora pisi	E, I, S, W (35, 41, 47)
	R Uromyces pisi	E, S, W (41, 49)
'Alderman'	P Erysiphe pisi var. pisi	W (44)
'Carouby de Maussane'	P Erysiphe pisi var. pisi	W (43)
'Onward'	P Erysiphe pisi var. pisi	W (42)
L. palustris	P Erysiphe trifoliorum	E
	D Peronospora senneniana	I
	W Phacellium carneum	I
	W Ramularia deusta var. deusta	E
	R Uromyces pisi	E
L. pratensis	P Erysiphe pisi var. cruchetiana	W (46)
	P Erysiphe pisi var. pisi	E, S, W (46, 52)
	P Erysiphe trifoliorum	E, I, S, W (35, 41-47, 49, 51, 52)
	D Peronospora fulva	E, S
	W Phacellium carneum	E, I, S, W (42, 43, 45-47, 49, 50, 52)
	W Ramularia deusta var. deusta	I, S, W (44)
	S Thecaphora lathyri	E, S
	R Uromyces pisi	E, I, S, W (41-46, 48-52)
	R Uromyces viciae-fabae	E, I, S, W (35, 42, 49-52)
	D Peronospora senneniana	E, W (44)
L. sylvestris	W Ramularia deusta var. deusta	E
	R Uromyces pisi	W (44)
L. tuberosus	P Erysiphe trifoliorum	B
	W Ramularia deusta var. deusta	S
Laurus		
L. nobilis	P Pseudoidium lauracearum	E, W (35, 42, 52)

Ledum		
L. groenlandicum*	R Chrysomyxa ledicola	B
Leontodon		
L. hispidus	P Podosphaera erigerontis-canadensis	E, W (44, 48)
	R Puccinia leontodontis	E, I, W (35, 41-48, 50, 52)
L. saxatilis	P Golovinomyces cichoracearum	E
	R Puccinia leontodontis	E, S, W (44)
Leontodon sp.	R Puccinia leontodontis	W (43, 49, 51)
Lepidium		
L. coronopus	D Albugo lepidii	E, I
	D Perofascia lepidii	E, W (46)
L. didymum	A Ligniera junci	W (44)
	A Olpidium radicale s.l.	W (46)
	D Perofascia lepidii	E, W (35, 46)
L. draba	D Hyaloperonospora parasitica s.l.	E
	D Perofascia lepidii	E
ssp. draba	P Erysiphe cruciferarum	E
L. heterophyllum	P Erysiphe cruciferarum	B
	D Hyaloperonospora parasitica s.l.	E
	D Perofascia lepidii	E
L. latifolium	D Albugo lepidii	E
L. sativum	D Perofascia lepidii	W (44)
Leucanthemum		
L. vulgare	A Protomyopsis leucanthemi	W (46)
	R Puccinia leucanthemi	E
	W Ramularia tanacetii	W (43)
Levisticum		
L. officinale	D Plasmopara nivea s.l.	E
	W Ramularia heraclei	E, W (42)
Leymus		
L. arenarius	P Blumeria graminis	B
	R Puccinia elymi	E, S, W (44, 49, 51, 52)
	R Puccinia striiformis	S
	S Tranzscheliella hypodytes	E, S, W (51)
Ligusticum		
L. scoticum	D Plasmopara nivea s.l.	W (46)

Ligustrum

L. ovalifolium	P Erysiphe syringae	E
L. sp.	P Erysiphe syringae-japonicae	E
L. vulgare	P Erysiphe syringae	E, W (44)

Lilium

L. aff. martagon	R Uromyces aecidiiformis	B
L. candidum*	R Uromyces aecidiiformis	E
L. columbianum*	R Uromyces holwayi	E
L. sp.*	R Uromyces aecidiiformis	E

Limonium

L. binervosum agg.	P Erysiphe limonii	B
L. binervosum	R Uromyces limonii	W (44)
L. chiloense	P Erysiphe limonii	B
L. platyphyllum	P Erysiphe limonii	E
	R Uromyces limonii	E, W (35)
L. sinuatum	P Erysiphe limonii	B
L. sp.	D Peronospora statices	E, S
	R Uromyces limonii	S
L. vulgare	P Erysiphe limonii	E
	W Ramularia jaapiana	B
	R Uromyces limonii	E, S, W (41, 44, 48-50, 52)

Limosella

L. aquatica	S Doassansia limosellae	E
-------------	-------------------------	---

Linaria

L. maroccana	P Golovinomyces orontii	E
L. purpurea	P Golovinomyces orontii	E, W (44, 46)
	D Peronospora flava	W (46)
L. repens	P Golovinomyces orontii	W (46)
L. vulgaris	S Entyloma linariae	E, W (44, 46, 47)
	P Golovinomyces orontii	W (44)
	S Melanotaenium cingens	E?, W (48, 50, 51)
	D Peronospora flava	E, W (45, 46)
	W Ramularia linariae	E, W (43)

Linum

L. catharticum	R Melampsora lini	E, I, S, W (35, 41-52)
L. sp.	P Golovinomyces orontii	I, W (45)
L. usitatissimum	P Golovinomyces orontii	E, W (49)
	R Melampsora liniperda	E, S, W (45)
	P Podosphaera lini	E

Lipandra

L. polysperma	D Peronospora chenopodii-polyspermi	E, W (35)
---------------	-------------------------------------	-----------

Lithospermum

L. officinale P Golovinomyces cynoglossi s.l. B

Littorella

L. uniflora A Ligniera junci W (44)

Lobularia

L. maritima D Albugo candida s.l. E, W (42, 46, 49)

D Hyaloperonospora lobulariae E, W (41, 49)

Lolium

L. multiflorum P Blumeria dactylidis B

A Ligniera junci E

R Puccinia coronata var. avenae f. sp. avenae
C, S, W (44, 46)

R Puccinia graminis W (46)

R Puccinia loliicola E, S, W (35, 44-46)

R Puccinia loliina W (46)

S Tilletia lolii W (46)

L. perenne P Blumeria dactylidis E, S, W (44, 46, 52)

A Ligniera junci E

R Puccinia coronata var. avenae f. sp. avenae
E, I, S, W (41-46, 48, 49, 51, 52)

R Puccinia graminis E, S, W (35, 41-46,
48, 49, 51, 52)

R Puccinia loliicola E, S, W (41, 44-46)

R Puccinia loliina W (44, 46)

S Tilletia lolii W (46)

S Urocystis bolivarii E

S Ustilago striiformis B

L. remotum S Tilletia lolii W (46)

L. sp. R Puccinia coronata var. avenae f. sp. avenae
E, S, W (41)

R Puccinia graminis E

L. temulentum P Blumeria graminis s.l. B

S Tilletia lolii W (46)

Lonicera

L. × bella P Erysiphe loniceræ var. loniceræ E

L. caprifolium P Erysiphe loniceræ var. loniceræ W (44)

L. cv. R Puccinia festucae W (49, 52)

L. etrusca P Erysiphe loniceræ var. loniceræ E

L. japonica P Erysiphe loniceræ var. loniceræ E, S,
W (42-46, 48)

L. korolkowii P Erysiphe loniceræ var. loniceræ B

L. nitida P Erysiphe loniceræ var. loniceræ W (49)

Lonicera (cont.)

L. perfoliata	P Erysiphe loniceræ var. loniceræ	E
L. periclymenum	P Erysiphe loniceræ var. loniceræ	E, I, S, W (42-44, 46-49)
	R Puccinia festucae	E, I, S, W (41, 43, 44, 47-49, 52)
‘Serotina’	P Erysiphe loniceræ var. loniceræ	W (44, 45)
L. pileata	A Insolibasidium deformans	E
L. similis var. delavayi	P Erysiphe loniceræ var. loniceræ	E
L. sp.	A Insolibasidium deformans	E
	R Puccinia festucae	S
L. tatarica	P Erysiphe loniceræ var. loniceræ	E
L. tragophylla	P Erysiphe loniceræ var. loniceræ	E
L. xylosteum	P Erysiphe loniceræ var. loniceræ	B

Lotus

L. angustissimus	R Uromyces euphorbiae-corniculati	E
L. corniculatus	P Erysiphe trifoliorum	E, I, S, W (44)
	D Peronospora lotorum	E, I, S, W (42, 44, 48, 49)
	A Physoderma potteri	E, S
	W Ramularia schulzeri	E, S
	W Ramularia sphaeroidea	E, I, W (41, 44, 49, 51, 52)
	R Uromyces euphorbiae-corniculati	E, I, S, W (35, 41-46, 48, 49, 52)
var. carnosus	R Uromyces euphorbiae-corniculati	W (46)
var. sativus	P Erysiphe trifoliorum	W (49)
	R Uromyces euphorbiae-corniculati	W (44)
L. pedunculatus	P Erysiphe trifoliorum	E, W (44, 46)
	D Peronospora lotorum	E, S, W (35, 41-49, 52)
	W Ramularia schulzeri	E
	W Ramularia sphaeroidea	E, I, S, W (42, 44, 45, 47-50, 52)
	R Uromyces euphorbiae-corniculati	W (41, 44)
var. pedunculatus	W Ramularia sphaeroidea	W (35, 42-44, 46, 48)
var. vestitus	W Ramularia sphaeroidea	W (46)
L. subbiflorus	R Uromyces euphorbiae-corniculati	C
L. tenuis	P Erysiphe trifoliorum	E
	R Uromyces euphorbiae-corniculati	E, W (44)

Lunaria

L. annua	D Albugo candida s.l.	E, S, W (35, 41-44, 46, 49, 52)
	P Erysiphe cruciferarum	E, S, W (46, 49)
	D Hyaloperonospora lunariae	E
	A Plasmodiophora brassicae	E
L. rediviva	D Albugo candida s.l.	W (42)
L. sp.	A Plasmodiophora brassicae	E

Lupinus

L. albilfrons	P Erysiphe intermedia	B
L. albus	P Erysiphe intermedia	W (47)
L. arboreus	P Erysiphe intermedia	B
L. argenteus	P Erysiphe intermedia	B
L. cv.	R Uromyces lupinicola/renovartus	E
L. mutabilis	P Erysiphe intermedia	B
'Sunrise'	P Erysiphe intermedia	W (42)
L. nootkatensis	P Erysiphe intermedia	B
L. polyphyllus	P Erysiphe intermedia	E
L. × regalis	P Erysiphe intermedia	W (43, 46)
L. sp.	P Erysiphe intermedia	E, S, W (35, 41, 43, 49-52)
L. subcarnosus	P Erysiphe intermedia	B

Luzula

L. campestris	S Bauerago vuyckii	E
	A Ligniera junci	W (46)
	R Puccinia luzulae	S
	R Puccinia obscura	E, I, S, W (35, 41-50, 52)
L. forsteri	R Puccinia obscura	E
L. multiflora	R Puccinia obscura	E, S, W (42-46, 48, 49, 52)
ssp. congesta	R Puccinia obscura	S, W (44, 46)
ssp. multiflora	R Puccinia obscura	E, S
L. pallescens	R Puccinia obscura	E
L. pilosa	R Puccinia luzulae	E, S, W (44, 46, 48-50)
	R Puccinia obscura	E, I, S, W (43, 46, 48)
L. sp.	R Puccinia luzulae	W (47)
L. sylvatica	R Puccinia luzulae	E, S
L. sylvatica	R Puccinia obscura	E, I, S, W (35, 41-52)
'Marginata'	R Puccinia obscura	E

Lycium

L. barbarum	P Arthrocladiella mougeotii	E, W (43-46, 49, 50)
L. chinense	P Arthrocladiella mougeotii	E, W (48, 50, 51)
L. sp.	P Arthrocladiella mougeotii	E, I, S

Lycopsis

L. arvensis	P Erysiphe lycopsidis	E, S, W (44, 46)
	P Golovinomyces cynoglossi s.l.	E
	R Puccinia recondita	E, S

Lycopus

L. europaeus	P Erysiphe lycopsidis	E
	P Golovinomyces biocellatus s.s.	E, W (46)
	W Ramularia lamii var. lamii	E, W (42)
L. sp.	P Neoerysiphe galeopsidis	B

Lysimachia

L. nemorum	W Ramularia lysimachiae	E
L. nummularia	W Ramularia lysimachiae	E, W (42-44, 47)
L. thysiflora	W Ramularia lysimachiae	W (43)
L. vulgaris	W Ramularia lysimachiae	E, S

Lythrum

L. salicaria	P Erysiphe lythri	E, I, W (47, 49, 50)
L. sp.	P Erysiphe lythri	S

Macleaya

M. microcarpa	P Erysiphe macleayae	E
‘Coral Plume’	P Erysiphe macleayae	E

Magnolia

M. kobus ‘Borealis’	P Erysiphe magnifica	E
Magnolia ‘Sensation’	P Erysiphe magnifica	E
Magnolia × soulangiana	P Erysiphe magnifica	W (50, 51)
Magnolia sp./cv.	P Erysiphe magnifica	E, W (41, 49-51)

×Mahoberberis

M. neubertii	P Erysiphe berberidis var. berberidis	B
--------------	---------------------------------------	---

Mahonia

M. aquifolium	P Erysiphe berberidis var. berberidis	E, I, S, W (44, 46, 47, 49)
	R Puccinia graminis	E, W (41)
	R Puccinia mirabilissima	E, I, S, W (35, 41-44, 46, 47, 49-52)
M. fortunei	R Puccinia mirabilissima	E
	P Erysiphe berberidis var. berberidis	E
M. japonica	P Erysiphe berberidis var. berberidis	B
	R Puccinia mirabilissima	E
‘Bealei Group’	R Puccinia graminis	S
	R Puccinia mirabilissima	E

Mahonia (cont.)

M. sp.	P Erysiphe berberidis var. berberidis	E, S
	R Puccinia mirabilissima	E, S, W (49, 52)
M. × wagneri	R Puccinia mirabilissima	E, W (46)
‘Pinnacle’	R Puccinia mirabilissima	E
‘Undulata’	R Puccinia mirabilissima	E

Maianthemum

M. sp.	A Protomyces purpureotinctus	B
--------	------------------------------	---

Malcolmia

M. maritima	P Erysiphe cruciferarum	B
-------------	-------------------------	---

Malus

M. baccata var. praecox	P Podosphaera leucotricha	E
M. cv.	P Podosphaera leucotricha	E, I, S, W (35, 42, 52)
M. domestica*	R Gymnosporangium juniperi-virginianae	S
	R Ochropsora ariae	B
	P Podosphaera leucotricha	E, I, S, W (41-51)
‘Adam’s Permain’	P Podosphaera leucotricha	W (48)
‘American Mother’	P Podosphaera leucotricha	W (49)
‘Ashmeads Kernel’	P Podosphaera leucotricha	W (49)
‘Bramley’s Seedling’	P Podosphaera leucotricha	W (49)
‘Charles Ross’	P Podosphaera leucotricha	W (49)
‘Claygate Permain’	P Podosphaera leucotricha	W (49)
‘Crawley Beauty’	P Podosphaera leucotricha	W (48)
‘Dockney’	P Podosphaera leucotricha	I
‘Egremont Russet’	P Podosphaera leucotricha	W (48, 49)
‘Greasy Pippin’	P Podosphaera leucotricha	W (49)
‘Greensleeves’	P Podosphaera leucotricha	W (49)
‘Herefordshire Russet’		
	P Podosphaera leucotricha	W (48)
‘James Grieve’	P Podosphaera leucotricha	W (43)
‘Katy’	P Podosphaera leucotricha	W (49)
‘Monmouth Green’	P Podosphaera leucotricha	W (49)
‘Wagener’	P Podosphaera leucotricha	W (43)
M. floribunda	P Podosphaera leucotricha	E
M. sylvestris s.l.	P Podosphaera leucotricha	I
M. sylvestris	R Ochropsora ariae	W (41)
	P Podosphaera leucotricha	E, S, W (35, 42, 43)

Malva

M. alcea	R Puccinia malvacearum	E
M. arborea	R Puccinia malvacearum	E, S, W (41, 44, 46, 50)
M. × clementii	R Puccinia malvacearum	E, W (43, 44)
M. maritima	R Puccinia malvacearum	E

Malva (cont.)

M. moschata	R Puccinia malvacearum	E, S, W (35, 41-46, 48-50)
	W Ramularia keithii	E, S
M. multiflora	R Puccinia malvacearum	B
M. neglecta	R Puccinia malvacearum	E, I, W (43, 44, 46, 49)
M. olbia	P Leveillula contractirostris	E
M. 'Parc Rondell'	R Puccinia malvacearum	E
M. pusilla	R Puccinia malvacearum	E, I, S, W (41)
M. setigera	R Puccinia malvacearum	E
M. sp.	R Puccinia malvacearum	E, S, W (44, 46, 49)
	W Ramularia keithii	E
M. sylvestris	P Golovinomyces orontii	E, W (44)
	R Puccinia malvacearum	E, I, S, W (35, 41-52)
'Primley Blue'	R Puccinia malvacearum	S, W (44)
M. trimestris	R Puccinia malvacearum	S
'Amyra rosea'	R Puccinia malvacearum	W (44)
M. verticillata	R Puccinia malvacearum	E

Marrubium

M. incanum	P Neoerysiphe galeopsidis	B
M. vulgare	P Neoerysiphe galeopsidis	S

Matricaria

M. chamomilla	P Golovinomyces macrocarpus	E
	D Paraperonospora leptosperma s.l.	E, W (35, 43, 49, 52)
	P Podosphaera erigerontis-canadensis	W (49)
M. discoidea	P Golovinomyces macrocarpus	E
	D Paraperonospora leptosperma s.l.	E, W (43, 46, 49, 52)
	P Podosphaera erigerontis-canadensis	E, I, S, W (41-44, 46, 47, 49, 52)
	R Puccinia matricariae	W (44)
M. sp.	D Pustula obtusata s.l.	W (47)

Matthiola

M. sp.	D Albugo candida s.l.	E
	D Peronospora matthiolae	E, S
	A Plasmodiophora brassicae	B

Meconopsis

M. betonicifolia	P Erysiphe macleayae	E, S
	D Peronospora meconopsidis	I, W (47)
M. horridula	P Erysiphe macleayae	S
M. latifolia	D Peronospora meconopsidis	S

Meconopsis (cont.)

<i>M. napaulensis</i>	D <i>Peronospora meconopsidis</i>	E
<i>M. simplicifolia</i>	D <i>Peronospora meconopsidis</i>	S

Medicago

<i>M. arabica</i>	R <i>Uromyces striatus</i>	E, W (49, 50)
<i>M. lupulina</i>	P <i>Erysiphe pisi</i> var. <i>pisii</i>	E, S, W (35, 41, 43, 44, 46)
	D <i>Peronospora romanica</i>	E, I, S, W (41, 43-45, 47, 50)
	R <i>Uromyces striatus</i>	E, I, S, W (35, 41, 44-46, 49, 51, 52)
<i>M. orbicularis</i>	P <i>Erysiphe pisi</i> var. <i>pisii</i>	B
<i>M. polymorpha</i>	R <i>Uromyces striatus</i>	E
<i>M. sativa</i>	D <i>Peronospora aestivalis</i>	E, W (41, 44)
	A <i>Physoderma alfalfae</i>	E
	R <i>Uromyces striatus</i>	E, W (51)
var. <i>sativa</i>	P <i>Erysiphe pisi</i> var. <i>pisii</i>	E, W (41, 44)

Medusagyne

<i>M. oppositifolia</i>	P <i>Podosphaera xanthii</i>	E
-------------------------	------------------------------	---

Melampyrum

<i>M. arvense</i>	R <i>Coleosporium melampyri</i>	E
<i>M. pratense</i>	R <i>Coleosporium melampyri</i>	E, I, S, W (42, 43, 47-49)
	P <i>Podosphaera phtheirospermi</i>	B
	R <i>Puccinia nemoralis</i>	W (42, 48, 49)
ssp. <i>pratense</i>	R <i>Coleosporium melampyri</i>	W (44)
var. <i>hians</i>	R <i>Coleosporium melampyri</i>	W (44)
<i>M. sp.</i>	R <i>Coleosporium melampyri</i>	E, I, S, W (48, 49)
<i>M. sylvaticum</i>	R <i>Coleosporium melampyri</i>	S, W (49)

Melica

<i>M. uniflora</i>	S <i>Urocystis melicae</i>	E
--------------------	----------------------------	---

Melilotus

<i>M. albus</i>	P <i>Erysiphe pisi</i> var. <i>pisii</i>	W (44)
	P <i>Erysiphe trifoliorum</i>	E, W (44, 49)
<i>M. altissimus</i>	P <i>Erysiphe trifoliorum</i>	E, S, W (35, 41, 44, 46)
	D <i>Peronospora meliloti</i>	E, W (44)
	W <i>Ramularia medicaginis</i>	E
<i>M. indicus</i>	P <i>Erysiphe trifoliorum</i>	B
<i>M. officinalis</i>	P <i>Erysiphe trifoliorum</i>	E, W (49)
	D <i>Peronospora meliloti</i>	E, W (44)
	W <i>Ramularia medicaginis</i>	E

Melilotus (cont.)

M. sp. P Erysiphe trifoliorum W (44)
 W Ramularia medicaginis E

Melissa

M. officinalis P Golovinomyces monardae E, W (44, 46, 47, 52)
 P Neerysiphe galeopsidis W (46)

Melothria

M. scabra P Golovinomyces cucurbitacearum W (49)

Mentha

M. aquatica P Golovinomyces monardae E, I, W (42, 44, 46)
 A Ligniera junci W (44)
 D Peronospora stigmaticola E, W (46)
 A Physoderma menthae E
 R Puccinia menthae E, I, S, W (35, 41-52)
 W Ramularia lamii var. lamii E, I, S
 M. arvensis P Golovinomyces monardae E, I
 R Puccinia menthae E, I, S, W (41, 43,
 44, 46, 48-50)
 W Ramularia lamii var. lamii E
 M. cv. R Puccinia menthae E, W (41, 42, 44, 47)
 M. × dumetorum var. citrata R Puccinia menthae W (44, 49, 52)
 M. × gracilis R Puccinia menthae E, S, W (41, 44, 46, 49)
 'Variegata' R Puccinia menthae W (44)
 M. longifolia P Golovinomyces monardae W (49)
 M. × piperita P Golovinomyces monardae E
 R Puccinia menthae E, S, W (42, 44, 46, 48, 49)
 M. pulegium A Ligniera junci E
 R Puccinia menthae W (44)
 M. requienii P Golovinomyces monardae W (49)
 M. × rotundifolia P Golovinomyces monardae S
 R Puccinia menthae E
 M. × smithiana R Puccinia menthae E, W (35, 44, 46)
 M. sp. P Golovinomyces monardae W (41, 49)
 R Puccinia menthae E, S, W (35, 41,
 42, 44, 49, 50)
 M. spicata P Golovinomyces monardae E, W (42, 43, 52)
 R Puccinia menthae E, S, W (41, 42,
 44-46, 48, 49, 52)
 W Ramularia lamii var. lamii W (43)
 var. crispa 'Moroccan' R Puccinia menthae E, W (46)

Mentha (cont.)

M. suaveolens	P Golovinomyces monardae	E, S, W (49, 52)
	R Puccinia menthae	E, W (44, 46, 49, 52)
M. × verticillata	A Physoderma menthae	E
	R Puccinia menthae	E, I, S, W (42, 46, 49, 52)
M. × villosa	P Golovinomyces monardae	E, W (43, 44, 46)
	R Puccinia menthae	E, S, W (46, 51, 52)
var. alopecuroides	P Golovinomyces monardae	E, W (49)
var. alopecuroides	R Puccinia menthae	E
M. × villosonervata	R Puccinia menthae	E, W (44, 46, 49)

Menyanthes

M. trifoliata	A Physoderma menyanthis	E, I, S, W (42, 46, 52)
---------------	-------------------------	-------------------------

Mercurialis

M. annua	R Melampsora rostrupii	E
M. perennis	R Melampsora rostrupii	E, S, W (35, 41-44, 46-52)
	A Synchytrium mercurialis	E, S, W (35, 49-52)
M. sp.	R Melampsora rostrupii	E

Mespilus

M. germanica	R Gymnosporangium confusum	E, W (43, 47, 49, 50, 52)
	P Phyllactinia mali	B
	P Podosphaera clandestina	B
'Nottingham'	R Gymnosporangium confusum	W (43, 49)

Meum

M. athamanticum	P Nyssopsora echinata	S
	D Plasmopara mei-foeniculi	S

Micranthes

M. stellaris	R Puccinia saxifragae	S, W (46, 48, 49)
--------------	-----------------------	-------------------

Milium

M. effusum	P Blumeria graminis s.s.	E, W (35, 44)
	R Puccinia graminis	W (42)
	R Puccinia poae-nemoralis	W (44, 45)
'Aureum'	P Blumeria graminis s.s.	W (46)

Misopates

M. orontium	D Peronospora antirrhini	E, W (44)
	P Golovinomyces orontii	B

Modiola

M. caroliniana	R Puccinia malvacearum	E
----------------	------------------------	---

Moehringia

M. trinervia	D Peronospora arenariae	E, S, W (42, 44, 46, 47, 51)
	R Puccinia arenariae	E, I, S, W (41-46, 49, 52)
	W Ramularia moehringiae	E, S, W (42, 46)

Moenchia

M. erecta	S Microbotryum moenchieae-manticae	E, W (47)
-----------	------------------------------------	-----------

Molinia

M. caerulea	P Blumeria graminis s.l.	E
	A Hillenburgia radicalis	E
	R Puccinia brunellarum-moliniae	E, S
	R Puccinia nemoralis	W (48, 49)

Monarda

M. didyma	P Golovinomyces monardae	E
	P Neoerysiphe galeopsidis	E
M. sp.	P Golovinomyces monardae	E
M. 'Vintage Wine'	P Golovinomyces monardae	W (44)

Muscari

M. armeniacum	S Antherospora hortensis	E, W (41-47)
*	R Uromyces muscari	S
M. botryoides	S Antherospora hortensis	W (46)
M. neglectum	R Uromyces muscari	S
M. sp.	S Antherospora hortensis	W (51)
	R Uromyces muscari	E, S, W (35)

Mycelis

M. muralis	D Bremia lactucae s.s.	E
	P Golovinomyces cichoracearum	E, I, W (35, 41-44, 46-49, 52)
	R Puccinia chondrillae	E, I, S, W (42-44, 48-51)

Myosotis

M. arvensis	S Entyloma fergussoni	E
	P Golovinomyces asperifolii	E, I, S, W (42-44, 46, 47, 49, 51)
	D Peronospora myosotidis	E, I, S, W (43)
	W Ramularia cerinthes	E
M. discolor	D Peronospora myosotidis	S
ssp. discolor	P Golovinomyces asperifolii	W (44)
M. laxa	A Synchytrium myosotidis	E
ssp. caespitosa	S Entyloma fergussoni	E
	D Peronospora myosotidis	S

Myosotis (cont.)

M. ramosissima	P Golovinomyces asperifolii	E, W (49)
	A Ligniera junci	W (46)
	D Peronospora myosotidis	E
M. scorpioides	S Entyloma fergussoni	E, S, W (47)
	P Golovinomyces asperifolii	E
	D Peronospora myosotidis	E, W (43)
M. secunda	D Peronospora myosotidis	W (42)
M. sp.	S Entyloma fergussoni	E, S
	D Peronospora myosotidis	S
M. sylvatica	S Entyloma fergussoni	E
	P Golovinomyces asperifolii	E, I, S, W (35, 41, 43, 44, 46-50)
	D Peronospora myosotidis	E, W (42-44, 46, 49, 51)
	W Ramularia cerinthes	E, W (35, 43, 44, 46)
var. culta	P Golovinomyces asperifolii	E
	D Peronospora myosotidis	E

Myrica

M. gale	W Ramularia rufibasis	E, I, S, W (46, 48, 49, 52)
---------	-----------------------	-----------------------------

Myriophyllum

M. verticillatum	A Physoderma myriophylli	B
------------------	--------------------------	---

Myrrhis

M. odorata	P Erysiphe heraclei	E, S
	D Plasmopara crustosa s.l.	E, S
	R Puccinia chaerophylli	E, I, S, W (35, 42-44, 46-52)

Narcissus

N. bicolor	W Ramularia vallisumbrosae	W (46)
N. cv.	R Puccinia schroeteri	E
'Jetfire'	W Ramularia vallisumbrosae	W (43)
'Standard Value'	W Ramularia vallisumbrosae	I
'Telamonius Plenus'	W Ramularia vallisumbrosae	W (43)
'Thomas' Virescent Daffodil'	W Ramularia vallisumbrosae	W (44)
N. cyclamineus	W Ramularia vallisumbrosae	W (48)
N. hispanicus	W Ramularia vallisumbrosae	W (46)
N. × incomparabilis	W Ramularia vallisumbrosae	W (42, 43, 46)
N. jonquilla	R Puccinia schroeteri	B
N. minor	W Ramularia vallisumbrosae	W (42)
N. poeticus	R Coleosporium narcissi	E
	R Puccinia schroeteri	E
	W Ramularia vallisumbrosae	W (44, 46)

Narcissus (cont.)

N. pseudonarcissus	R Puccinia schroeteri	E, I
	W Ramularia vallisumbrosae	E, I, S, W (42-44, 46-48)
cv.	R Puccinia schroeteri	B
N. sp.	R Coleosporium narcissi	E
	W Ramularia vallisumbrosae	E, I, S, W (35, 49, 52)

Narthecium

N. ossifragum	S Gjaerumia ossifragi	S
	A Ligniera junci	W (46)

Nasturtium

N. microphyllum	D Hyaloperonospora nasturtii-aquatici	E
N. officinale	A Hillenburgia nasturtii	E
	D Hyaloperonospora nasturtii-aquatici	E, S, W (42)
	A Olpidium radicale s.l.	W (46)
	A Synchytrium aureum s.l.	E

Neottia

N. ovata	R Melampsora repentis	E, S
	R Puccinia sessilis	E

Nepeta

N. cataria	P Neoerysiphe galeopsidis	W (44)
N. racemosa 'Blue Wonder'	P Golovinomyces biocellatus s.l.	E

Nicotiana

N. alata	P Golovinomyces orontii	W (41)
N. cv.	D Peronospora tabacina	W (45)
N. glutinosa	D Peronospora tabacina	E
N. sylvestris cv.	D Peronospora tabacina	E, W (49)
N. tabacum	P Golovinomyces orontii	B
	D Peronospora tabacina	E, S, W (49, 52)

Noccaea

N. caerulea	D Albugo candida s.l.	E
-------------	-----------------------	---

Nonea

N. lutea	P Golovinomyces cynoglossi s.l.	E
----------	---------------------------------	---

Nymphaea

N. alba	A Cladochytrium tenue	E
	S Rhamphospora nymphaeae	E, W (46, 47)

Nymphoides

N. peltata	R Puccinia scirpi	E
------------	-------------------	---

Ocimum

O. basilicum D *Peronospora belbahrii* E

Odontites

O. vernus R *Coleosporium euphrasiae* E, I, S, W (35, 41, 44-47, 49, 50, 52)
 A *Physoderma negeri* W (44)
 D *Plasmopara densa* E, I, S, W (41, 43, 44, 46-52)
 P *Podosphaera phtheirospermi* E, S, W (44, 50, 51)
ssp. serotinus R *Coleosporium euphrasiae* E, I, W (41, 42, 44, 46, 50, 52)
 D *Plasmopara densa* I, W (44)

Oenanthe

O. crocata S *Entyloma helosciadii* E, I, W (35, 41-48)
 D *Plasmopara nivea* s.l. E, S, W (35, 42-44, 46, 49)
 A *Protomyces macrosporus* E, S, W (41, 44, 46, 47, 49)
 R *Uromyces lineolatus* E, S, W (41, 44-46, 49, 51, 52)
O. fistulosa R *Uromyces lineolatus* E, I
O. lachenalii R *Uromyces lineolatus* E, S, W (44, 49, 52)

Oenothera

O. biennis P *Erysiphe howeana* E, W (41)
 R *Pucciniastrum epilobii* W (52)
O. cambrica P *Erysiphe howeana* W (35, 46, 49)
 D *Peronospora arthurii* W (49)
O. × fallax P *Erysiphe howeana* W (43, 46)
O. glazioviana P *Erysiphe howeana* E, W (41, 44, 46, 49)
 D *Peronospora arthurii* E
O. indecora P *Erysiphe howeana* B
O. odorata P *Erysiphe howeana* B
O. ravenii P *Erysiphe howeana* B
O. sp. P *Erysiphe howeana* E, W (41, 45, 51)
 D *Peronospora arthurii* E, S, W (49)
O. stricta P *Erysiphe howeana* W (46)

Omphalodes

O. sp. P *Golovinomyces cynoglossi* s.l. E

Oncidium

*O. aureum** R *Desmosorus oncidii* E
*O. cavendishianum** R *Desmosorus oncidii* E, S
*O. pulchellum** R *Desmosorus oncidii* E
*O. varicosum** R *Uredo behnickiana* B

Onobrychis

<i>O. viciifolia</i>	P <i>Erysiphe trifoliorum</i>	E
	W <i>Ramularia onobrychidis</i>	E, W (41)
	R <i>Uromyces onobrychidis</i>	E, W (44)

Onoclea

<i>O. sensibilis*</i>	R <i>Uredinopsis americana</i>	E, S
-----------------------	--------------------------------	------

Ononis

<i>O. repens</i>	P <i>Erysiphe pisi</i> var. <i>cruchetiana</i>	E, S, W (41, 44, 46, 48, 51)
	D <i>Peronospora ononidis</i>	W (46)
	W <i>Ramularia winteri</i>	E, I, S, W (41, 44, 46)
<i>O. sp.</i>	P <i>Erysiphe pisi</i> var. <i>cruchetiana</i>	S
	D <i>Peronospora ononidis</i>	E
<i>O. spinosa</i>	P <i>Erysiphe pisi</i> var. <i>cruchetiana</i>	E

Onopordum

<i>O. acanthium</i>	P <i>Golovinomyces depressus</i>	E, S
	W <i>Ramularia cynarae</i>	E
<i>O. illyricum</i>	P <i>Golovinomyces depressus</i>	S

Ophrys

<i>O. apifera</i>	R <i>Melampsora epitea</i>	E
-------------------	----------------------------	---

Origanum

<i>O. sp.</i>	P <i>Neoerysiphe galeopsidis</i>	S
<i>O. vulgare</i>	P <i>Golovinomyces monardae</i>	E, W (42)
	P <i>Neoerysiphe galeopsidis</i>	E, W (52)
	R <i>Puccinia menthae</i>	E, S, W (35, 42-44, 46, 48-50, 52)
	R <i>Puccinia ruebsaamenii</i>	E
	R <i>Puccinia thymi</i>	E
'Aureum'	R <i>Puccinia menthae</i>	W (44)

Ornithidium

<i>O. sp.*</i>	R <i>Desmosorus oncidii</i>	E
----------------	-----------------------------	---

Ornithogalum

<i>O. pyrenaicum</i>	R <i>Puccinia hordei</i>	E
*	R <i>Puccinia liliacearum</i>	E
<i>O. umbellatum</i>	R <i>Puccinia hordei</i>	E
	R <i>Puccinia liliacearum</i>	S
ssp. <i>campestre</i>	R <i>Puccinia liliacearum</i>	E, S

Ornithopus

<i>O. perpusillus</i>	D <i>Peronospora ornithopi</i>	E, W (49)
-----------------------	--------------------------------	-----------

Orthilia

O. secunda R *Pucciniastrum pyrolae* S

Oxalis

O. acetosella P *Leveillula oxalidicola* E

O. adenophylla R *Puccinia oxalidis* E, S, W (35, 51, 52)

O. articulata R *Puccinia oxalidis* E, S, W (35, 41, 44-49, 51, 52)

O. corniculata P *Erysiphe russellii* E, S, W (43)

var. *atropurpurea* P *Erysiphe russellii* E

O. cv. R *Puccinia oxalidis* E, I, W (35, 41, 42, 44, 46, 49, 52)

O. debilis R *Puccinia oxalidis* E, S, W (35, 44, 49, 50)

var. *corymbosa* R *Puccinia oxalidis* E, S, W (43, 46)

O. exilis P *Erysiphe russellii* E, W (44)

O. incarnata R *Puccinia oxalidis* E, I, W (46, 49, 52)

O. latifolia R *Puccinia oxalidis* E, I, W (35, 49)

O. rosea P *Erysiphe russellii* E, S

R *Puccinia oxalidis* E, W (49)

O. rubra R *Puccinia oxalidis* I

O. sp. P *Erysiphe russellii* S, W (48, 51)

O. stricta P *Erysiphe russellii* E, W (48, 51)

O. triangularis R *Puccinia oxalidis* E, W (52)

ssp. *papilionacea* 'Atropurpurea'

R *Puccinia oxalidis* E

O. tubiflora R *Puccinia oxalidis* E

Oxybasis

O. glauca D *Peronospora chenopodii-glauci* E

O. rubra D *Peronospora chenopodii* E, W (35)

A *Physoderma pulposum* E

Oxyria

O. digyna S *Microbotryum vinosum* E, S

R *Puccinia oxyriae* S, W (49)

Pachycymbium

P. sp. P *Leveillula taurica* s.l. E

Paeonia

P. 'Archangel' × 'Quad' R *Cronartium flaccidum* E

P. 'Ballerina' R *Cronartium flaccidum* E

P. 'Bowl of Beauty' R *Cronartium flaccidum* E

P. 'Buckeye Belle' R *Cronartium flaccidum* E

P. 'Duchesse de Nemours'

R *Cronartium flaccidum* E

P. 'Emperor of India' R *Cronartium flaccidum* E

P. 'Flame' R *Cronartium flaccidum* E

Paeonia (cont.)*P. lactiflora*

'Inspecteur Lavergne'

R *Cronartium flaccidum* S

'Una Howard'

R *Cronartium flaccidum* S*P. mascula*R *Cronartium flaccidum* E

cv.

R *Cronartium flaccidum* E*P. sp.*R *Cronartium flaccidum* E**Panicum***P. miliaceum*S *Sporisorium destruens* E**Papaver***P. alpinum*D *Peronospora arborescens* s.l. E*P. cambricum*D *Peronospora meconopsidis* E, I, S, W (41-44, 46-51)

cv.

P *Erysiphe macleayae* E, W (42, 46, 49, 51)*P. dubium*S *Entyloma fuscum* W (52)P *Erysiphe cruciferarum* E, W (46)P *Golovinomyces orontii* E, W (46, 52)D *Peronospora arborescens* s.l. E, S, W (52)*P. lecoqii*P *Golovinomyces orontii* ED *Peronospora arborescens* s.l. E*P. orientale*P *Erysiphe cruciferarum* B*P. rhoeas*S *Entyloma fuscum* EP *Erysiphe cruciferarum* E, W (46)P *Golovinomyces orontii* E, W (46, 49)A *Olpidium brassicae* s.l. W (46)D *Peronospora arborescens* s.s. E, SA *Polymyxa betae* Evar. *wilkesii*P *Golovinomyces orontii* E*P. setiferum*D *Peronospora arborescens* s.l. W (46)*P. 'Shirley Hybrid'*P *Erysiphe cruciferarum* S*P. somniferum*P *Erysiphe cruciferarum* E, W (46)P *Golovinomyces orontii* E, S, W (43, 46, 48, 49, 52)D *Peronospora meconopsidis* E, S, W (42, 43, 46, 48, 49)

'Dark Plum'

D *Peronospora somniferi* ED *Peronospora meconopsidis* E**Parapholis***P. sp.*P *Blumeria graminis* s.l. E**Paraseneccio***P. hastatus*R *Coleosporium cacaliae* S

Parentucellia

P. viscosa R Coleosporium euphrasiae E, I, S, W (44, 49, 52)

Parietaria

P. judaica P Oidiopsis parietariae E
 P Podosphaera parietariae E, W (46, 49)
 W Ramularia parietariae E, I, W (35, 41, 42, 44-46, 49-52)

Paris

P. quadrifolia R Puccinia sessilis E

Parnassia

P. palustris R Puccinia uliginosa E, S

Parthenium

P. hysterophorus R Puccinia abrupta var. partheniicola E

Parthenocissus

P. inserta P Erysiphe necator B
P. quinquefolia P Erysiphe necator W (51)
 D Plasmopara muralis E
P. tricuspidata P Erysiphe necator B
 D Plasmopara muralis E

Passiflora

P. caerulea P Pseudoidium passiflorae W (41, 46)

Pastinaca

P. sativa P Erysiphe heraclei E, S, W (44)
 D Plasmopara pastinacae E, W (41)
 W Ramularia heraclei E, I
 ssp. sativa P Erysiphe heraclei E, W (42)
 ssp. sylvestris P Erysiphe heraclei E
 ‘Tender and True’ W Ramularia heraclei E

Patrinia

P. scabiosifolia P Golovinomyces orontii W (44)

Pedicularis

P. palustris D Plasmopara densa S
 R Puccinia clintonii S
 R Puccinia paludosa E, S
 W Ramularia obducens I, S
P. sp. W Ramularia obducens S
P. sylvatica P Podosphaera phtheirospermi S
 R Puccinia clintonii S
 R Puccinia paludosa S
 ssp. sylvatica R Puccinia paludosa S

Pedilanthus

P. sp. P Podosphaera euphorbiae-hirtae E

Pelargonium

P. × hybridum R Puccinia pelargonii-zonalis E, W (41, 44-46, 49-52)

P. sp. P Fibroidium pelargonii S

R Puccinia pelargonii-zonalis S

Peltandra

P. virginica* R Uromyces ari-triphylli S

Penstemon

P. cv. P Golovinomyces orontii E

Pentaglottis

P. sempervirens P Erysiphe lycopsidis E, S, W (44, 46, 49, 50, 52)

P Golovinomyces cynoglossi s.l. E

Pericallis

P. × hybrida D Bremia lactucae s.l. E, S

R Coleosporium senecionis E

P Podosphaera pericallidis E, S

R Puccinia lagenophorae W (46, 51)

D Pustula obtusata s.l. E

P. Senetti Series P Podosphaera pericallidis W (49)

Persicaria

P. amphibia P Erysiphe polygoni B

R Puccinia polygoni-amphibii E, I, S, W (35, 41-44, 46-50, 52)

P. hydropiper S Microbotryum cordae E, S, W (35, 41, 43, 44, 46, 47, 49)

W Ramularia rufomaculans W (46)

S Sphacelotheca hydropiperis E, I, S, W (35, 41-50, 52)

P. lapathifolia P Erysiphe polygoni S, W (46)

S Microbotryum cordae W (41, 52)

S Microbotryum reticulatum E, W (41-44, 46, 52)

R Puccinia polygoni-amphibii E

ssp. pallida S Microbotryum reticulatum W (46)

P. maculosa P Erysiphe polygoni E

S Microbotryum cordae I, S, W (46, 47)

S Microbotryum reticulatum E, S

D Peronospora polygoni E

A Polymyxa betae E

R Puccinia polygoni-amphibii E, I, S, W (35, 44)

Persicaria (cont.)*P. maculosa* (cont.)

	S <i>Sphacelotheca hydropiperis</i>	I, W (42, 46)
var. <i>dumosa</i>	S <i>Microbotryum cordae</i>	W (46)

Petasites

<i>P. albus</i>	R <i>Coleosporium petasitis</i>	E, S, W (45)
	P <i>Golovinomyces cichoracearum</i>	E
	W <i>Ramularia major</i>	E
<i>P. frigidus</i> var. <i>palmatus</i>	R <i>Coleosporium petasitis</i>	S
<i>P. hybridus</i>	R <i>Coleosporium petasitis</i>	E, I, S, W (35, 41-44, 46, 47, 49-52)
	W <i>Ramularia major</i>	E, I, W (35, 41-44, 47, 49, 50, 52)
<i>P. japonicus</i>	R <i>Coleosporium petasitis</i>	E, S, W (35, 42)
<i>P. paradoxus</i>	R <i>Coleosporium petasitis</i>	S
<i>P. pyrenaicus</i>	R <i>Coleosporium petasitis</i>	E, I, W (44)
	W <i>Ramularia purpurascens</i>	E, I, S, W (35, 42-50, 52)
<i>P. sp.</i>	R <i>Coleosporium petasitis</i>	E, I, S, W (47)

Petromarula

<i>P. pinnata</i> *	R <i>Coleosporium campanulae</i>	B
---------------------	----------------------------------	---

Petroselinum

<i>P. crispum</i>	P <i>Erysiphe heraclei</i>	E, S, W (44)
	D <i>Plasmopara petroselini</i>	E
	R <i>Puccinia nitida</i>	E
var. <i>neapolitanum</i>	P <i>Erysiphe heraclei</i>	W (44)
<i>P. sp.</i>	R <i>Puccinia nitida</i>	S

Petunia

<i>P. cv.</i>	P <i>Golovinomyces longipes</i>	W (46, 48)
<i>P. × hybrida</i>	P <i>Golovinomyces longipes</i>	E, I, S, W (35, 41, 46, 50-52)
	P <i>Golovinomyces orontii</i>	E, W (43, 44, 46, 49)
<i>P. sp.</i>	P <i>Golovinomyces orontii</i>	E, W (43)
	P <i>Podosphaera solanacearum</i>	S

Peucedanum

<i>P. officinale</i>	R <i>Puccinia rugulosa</i>	E
----------------------	----------------------------	---

Phaius

<i>P. wallichii</i> *	R <i>Uredo behnickiana</i>	E
-----------------------	----------------------------	---

Phalaris

P. arundinacea	P Blumeria graminis s.l.	E	
	R Puccinia coronata s.l.	E, W (41, 51)	
	R Puccinia sessilis	E, I, S, W (35, 41-49, 51, 52)	
	W Ramularia pusilla	S	
	S Tilletia menieri	E, I, S, W (46)	
	S Ustilago echinata	E, S, W (44)	
	S Ustilago striiformis	E, I, S, W (44)	
	var. picta	S Tilletia menieri	E
		R Puccinia sessilis	W (46)
	var. picta 'Aureovariegata'	R Puccinia sessilis	W (44, 49, 52)
P. canariensis	R Puccinia sessilis	E	
P. sp.	R Puccinia graminis	E	

Phaseolus

P. coccineus	R Uromyces phaseoli	E, W (35, 41-46, 51)
'Constanza'	R Uromyces phaseoli	W (44)
'Enorma'	R Uromyces phaseoli	W (42)
'Scarlet Emperor'	R Uromyces phaseoli	W (42-44)
P. sp.	R Uromyces phaseoli	E, I, S
P. vulgaris	R Uromyces phaseoli	E, W (35, 41-46, 51)

Phedimus

P. sp.	P Erysiphe sedi	B
P. spurius	P Erysiphe sedi	B
	P Golovinomyces orontii	B

Phegopteris

P. connectilis	A Herpobasidium filicinum	S
	R Uredinopsis filicina	S

Philadelphus

P. sp.	P Golovinomyces orontii	B
P. × virginalis	P Golovinomyces orontii	W (44)

Phillyrea

P. latifolia*	R Zaghouania phillyreae	E
---------------	-------------------------	---

Phleum

P. arenarium	R Puccinia poae-nemoralis	W (44)
P. bertolonii	R Puccinia coronata s.l.	B
P. pratense	P Blumeria graminis s.l.	B
	R Puccinia coronata	W (44)
	R Puccinia graminis	E, S, W (44, 46)
	R Puccinia poae-nemoralis	W (44)
	S Ustilago striiformis	E

Phlox

P. divaricata	P Golovinomyces magnicellulatus var. magnicellulatus	E
P. drummondii	P Golovinomyces magnicellulatus var. magnicellulatus	E
P. paniculata	P Golovinomyces magnicellulatus var. magnicellulatus	E, I, W (44, 46)
	P Podosphaera xanthii	W (41, 46)
‘Border Gem’	P Golovinomyces magnicellulatus var. magnicellulatus	W (47)
‘Fujiyama’	P Golovinomyces magnicellulatus var. magnicellulatus	E
	P Podosphaera xanthii	E
‘Louis Blanc’	P Golovinomyces magnicellulatus var. magnicellulatus	S
P. sp.	P Golovinomyces magnicellulatus var. magnicellulatus	E, W (35, 41, 44, 46, 47, 50, 51)
	D Peronospora phlogina	E, W (46)
	P Podosphaera collomiae	E
	P Podosphaera xanthii	E

Photinia

P. serratifolia var. serratifolia		P
-----------------------------------	--	---

Phragmites

P. australis	R Puccinia graminis	S
	R Puccinia magnusiana	E, I, S, W (35, 41, 43-52)
	R Puccinia phragmitis	E, I, S, W (41, 43-46, 48-52)
	S Ustilago grandis	E, I, S, W (41, 44, 46)

Phygelius

P. aequalis ‘Yellow Trumpet’		
	D Peronospora sordida	E

Physocarpus

P. sp.	P Podosphaera physocarpis	B
--------	---------------------------	---

Physospermum

P. cornubiense	R Puccinia physospermi	E
----------------	------------------------	---

Picea

P. abies	R Chrysomyxa abietis	E, S, W (44, 46)
	R Chrysomyxa rhododendri	S
	R Thekopsora areolata	E, S, W (43)
‘Acrocona’	R Chrysomyxa rhododendri	S
‘Argentea’	R Chrysomyxa rhododendri	S

Picea (cont.)**P. abies (cont.)**

'Humilis'	R Chrysomyxa rhododendri	S
'Nidiformis'	R Chrysomyxa rhododendri	S
'Ohlendorffii'	R Chrysomyxa rhododendri	S
'Pendula'	R Chrysomyxa abietis	B
'Procumbens'	R Chrysomyxa rhododendri	S
'Pumila'	R Chrysomyxa rhododendri	S
'Pumila Glauca'	R Chrysomyxa rhododendri	S
'Pygmaea'	R Chrysomyxa rhododendri	S
'Pyramidata'	R Chrysomyxa rhododendri	S
'Reflexa'	R Chrysomyxa rhododendri	S
P. engelmannii	R Chrysomyxa rhododendri	S
P. gemmata	R Chrysomyxa rhododendri	B
P. glauca	R Chrysomyxa rhododendri	S
var. albertiana	R Chrysomyxa rhododendri	S
P. omorika	R Chrysomyxa rhododendri	S
cv.	R Chrysomyxa rhododendri	B
'Pendula'	R Chrysomyxa rhododendri	S
P. pectinata	R Chrysomyxa rhododendri	I
P. pungens 'Globosa'	R Chrysomyxa rhododendri	S
P. retroflexa	R Chrysomyxa rhododendri	S
P. rubens	R Chrysomyxa abietis	S
P. sitchensis	R Chrysomyxa abietis	S
	R Chrysomyxa rhododendri	S
P. sitchensis × jezoensis	R Chrysomyxa rhododendri	B
P. sp.	R Chrysomyxa abietis	I, S
	R Chrysomyxa rhododendri	S
	R Thekopsora areolata	E
P. wilsonii	R Chrysomyxa rhododendri	S

Picris

P. hieracioides	P Golovinomyces cichoracearum	E, W (44)
	R Puccinia picridis	E, W (41, 43)
ssp. hieracioides	W Ramularia inaequalis	E, W (43)
P. sp.	P Leveillula picridis	B

Pilosella

P. aurantiaca	D Bremia lactucae s.l.	W (42, 48)
	P Golovinomyces hieraciorum	W (41, 45)
	R Puccinia piloselloidarum	W (44, 49)
ssp. carpathicola	D Bremia lactucae s.l.	W (35, 43, 46, 49)
	P Golovinomyces hieraciorum	E, W (43, 46, 47, 49)

Pilosella (cont.)

<i>P. officinarum</i>	S	<i>Entyloma hieracii</i>	E
	P	<i>Golovinomyces hieraciorum</i>	I, W (46)
	R	<i>Puccinia piloselloidarum</i>	E, S, W (35, 41-44, 46, 49, 50)
var. <i>euronota</i>	R	<i>Puccinia piloselloidarum</i>	E, W (46)
var. <i>micradenia</i>	R	<i>Puccinia piloselloidarum</i>	W (41)
var. <i>officinarum</i>	P	<i>Golovinomyces hieraciorum</i>	E
	R	<i>Puccinia piloselloidarum</i>	W (41, 46)
var. <i>tricholepia</i>	R	<i>Puccinia piloselloidarum</i>	E
var. <i>trichosoma</i>	P	<i>Golovinomyces hieraciorum</i>	S
	R	<i>Puccinia piloselloidarum</i>	S, W (46, 51)
<i>P. pelateriana</i>	R	<i>Puccinia piloselloidarum</i>	S

Pimpinella

<i>P. major</i>	P	<i>Erysiphe heraclei</i>	E
	R	<i>Puccinia pimpinellae</i>	E, I
<i>P. saxifraga</i>	P	<i>Erysiphe heraclei</i>	E, W (46, 47, 52)
	R	<i>Puccinia pimpinellae</i>	E, S, W (41-43, 46, 48-52)
ssp. <i>saxifraga</i>	D	<i>Plasmopara pimpinellae</i>	E, S, W (42, 46)

Pinguicula

<i>P. vulgaris</i>	S	<i>Microbotryum pinguiculae</i>	E, S, W (42-44, 46, 48, 49)
--------------------	---	---------------------------------	-----------------------------

Pinus

<i>P. aristata</i>	R	<i>Cronartium ribicola</i>	B
<i>P. ayacahuite</i>	R	<i>Cronartium ribicola</i>	E, S
<i>P. cembra</i>	R	<i>Cronartium ribicola</i>	S
<i>P. contorta</i>	R	<i>Peridermium oblongisporium</i>	W (44)
<i>P. flexilis</i>	R	<i>Cronartium ribicola</i>	E, S
<i>P. griffithii</i>	R	<i>Cronartium ribicola</i>	B
<i>P. lambertiana</i>	R	<i>Cronartium ribicola</i>	E, S
<i>P. monticola</i>	R	<i>Cronartium ribicola</i>	E, S
<i>P. nigra</i>	R	<i>Melampsora pinitorqua</i>	B
	R	<i>Peridermium oblongisporium</i>	S, W (51)
ssp. <i>laricio</i>	R	<i>Cronartium flaccidum</i>	B
	R	<i>Melampsora pinitorqua</i>	B
	R	<i>Peridermium oblongisporium</i>	E, W (35, 44-46)
<i>P. parviflora</i>	R	<i>Cronartium ribicola</i>	S
<i>P. pinaster</i>	R	<i>Melampsora pinitorqua</i>	E
	R	<i>Peridermium oblongisporium</i>	S, W (44)
<i>P. pinsapo</i>	R	<i>Cronartium flaccidum</i>	B
<i>P. ponderosa</i>	R	<i>Cronartium flaccidum</i>	E

Pinus (cont.)

P. sp.	R Cronartium flaccidum	S
	R Cronartium ribicola	E
P. strobus	R Cronartium ribicola	E, S
P. sylvestris	R Coleosporium senecionis	S
	R Cronartium flaccidum	E, S
	R Cronartium pini	S
	R Melampsora pinitorqua	E, S
	R Peridermium oblongisporium	E, S, W (42, 44)
P. wallichiana	R Cronartium ribicola	E, S

Plantago

P. coronopus	P Golovinomyces sordidus	E, I, W (44, 46, 49)
	P Podosphaera plantaginis	E
P. lanceolata	P Golovinomyces sordidus	E, S, W (41, 44-49)
	D Peronospora alta	E, S, W (43, 51)
	P Podosphaera plantaginis	E, I, S, W (35, 41, 43-47, 49-52)
	W Ramularia rhabdospora	E, I, S, W (35, 41-43, 46-51)
	A Synchytrium aureum s.l.	E, I, S, W (43, 44, 46, 49, 52)
P. major	P Golovinomyces sordidus	E, I, S, W (35, 41-47, 49, 51)
	A Ligniera junci	E
	P Podosphaera plantaginis	E, S
	W Ramularia kriegeriana	E, I, W (49, 51)
	W Ramularia plantaginis	E, I, S
'Rosularis'	P Golovinomyces sordidus	W (44)
'Rubrifolia'	P Golovinomyces sordidus	W (42)
ssp. intermedia	D Peronospora alta	E
var. intermedia	P Golovinomyces sordidus	E
var. salina	P Golovinomyces sordidus	W (46)
ssp. major	P Golovinomyces sordidus	W (35, 41-48, 50)
	D Peronospora alta	E, I, S, W (35, 41-44, 46, 48-51)
P. maritima	P Golovinomyces sordidus	E, I, S, W (35, 41, 44-46, 51)
P. media	P Golovinomyces sordidus	E, W (44)
	D Peronospora alta	E, I, S
	P Podosphaera plantaginis	E
	W Ramularia kriegeriana	E
	A Synchytrium aureum s.l.	E, W (50, 51)
P. sp.	P Golovinomyces sordidus	W (48, 49, 52)

Platanthera

<i>P. chlorantha</i>	R <i>Melampsora repentis</i>	W (49)
	R <i>Puccinia sessilis</i>	S

Platanus

<i>P. × hispanica</i>	P <i>Erysiphe platani</i>	E, W (44, 48-51)
<i>P. orientalis</i>	P <i>Erysiphe platani</i>	E
<i>P. sp.</i>	P <i>Erysiphe platani</i>	I, W (35, 41, 49-51)

Plectranthus

<i>P. scutellarioides</i>	P <i>Golovinomyces biocellatus</i> s.l.	E
---------------------------	---	---

Pleioblastus

<i>P. humilis</i>	R <i>Puccinia kusanoi</i>	W (41)
-------------------	---------------------------	--------

Poa

<i>P. angustifolia</i>	R <i>Puccinia poae-nemoralis</i>	B
<i>P. annua</i>	P <i>Blumeria graminicola</i>	B
	A <i>Hillenburgia radicalis</i>	W (46)
	S <i>Jamesdicksonia irregularis</i>	E
	A <i>Ligniera junci</i>	E
	A <i>Olpidium radicale</i> s.l.	W (46)
	A <i>Polymyxa betae</i>	E
	R <i>Puccinia coronata</i> var. <i>avenae</i> f. sp. <i>avenae</i>	W (44)
	R <i>Puccinia graminis</i>	E, W (35)
	R <i>Puccinia poae-nemoralis</i>	E, S, W (35, 41, 44-46, 48, 49)
	R <i>Puccinia poarum</i> s.l.	E, S, W (44, 46, 49, 52)
	R <i>Uromyces poae</i>	E, W (44)
<i>P. bulbosa</i>	R <i>Puccinia poarum</i> s.l.	B
<i>P. chaixii</i>	R <i>Puccinia coronata</i> var. <i>avenae</i> f. sp. <i>avenae</i>	B
	R <i>Puccinia poarum</i> s.l.	W (43)
<i>P. compressa</i>	R <i>Puccinia coronata</i> var. <i>avenae</i> f. sp. <i>avenae</i>	W (41, 44)
	R <i>Puccinia poae-nemoralis</i>	W (41, 44)
	R <i>Puccinia poarum</i> s.l.	W (44)
	R <i>Uromyces poae</i>	B
<i>P. glauca</i>	R <i>Puccinia poae-nemoralis</i>	W (49)
<i>P. humilis</i>	P <i>Blumeria graminicola</i>	S, W (46)
	R <i>Puccinia coronata</i> var. <i>avenae</i> f. sp. <i>avenae</i>	S, W (46-49, 52)
	R <i>Puccinia poae-nemoralis</i>	S, W (49)
	R <i>Puccinia poarum</i> s.l.	W (35, 41, 44, 46, 47, 51)
	R <i>Puccinia pseudostriformis</i>	C, S, W (35, 41, 44, 46, 51)

Poa (cont.)**P. humilis (cont.)**W *Ramularia pusilla* SR *Uromyces poae* S, W (44)**P. nemoralis**P *Blumeria graminicola* E, W (35)R *Puccinia coronata* var. *avenae* f. sp. *avenae*
W (44, 48)R *Puccinia poae-nemoralis* E, S, W (43, 44, 47)R *Puccinia poarum* s.l. E, S, W (44, 46, 51)R *Uromyces poae* S, W (44, 45)**P. palustris**R *Uromyces poae* B**P. pratensis**A *Cladochytrium caespitis* ER *Puccinia coronata* var. *avenae* f. sp. *avenae* BR *Puccinia graminis* BR *Puccinia poae-nemoralis* W (35, 44, 46)R *Puccinia poarum* s.l. E, I, S, W (51)R *Puccinia pseudostriformis* E, I, S, W (51)R *Uromyces poae* E, S, W (44)S *Ustilago striiformis* B**Poa pratensis s.l.**P *Blumeria graminicola* E, W (35)**Poa pratensis s.s.**P *Blumeria graminicola* E, W (41, 46)**P. sp.**P *Blumeria graminicola* SR *Puccinia poae-nemoralis* E, S, W (44, 50)S *Urocystis poae* SR *Uromyces poae* E, S, W (35, 42, 48-50, 52)S *Ustilago striiformis* S**P. trivialis**P *Blumeria graminicola* E, W (35, 42-44, 46)R *Puccinia coronata* var. *avenae* f. sp. *avenae*
W (44)R *Puccinia graminis* SR *Puccinia poae-nemoralis* S, W (44)R *Puccinia poarum* s.l. E, S, W (43-45)R *Uromyces poae* E, S, W (35, 42-45, 47, 48)S *Ustilago striiformis* B**Polemonium****P. caeruleum**P *Golovinomyces magnicellulatus*
var. *magnicellulatus* EP *Podosphaera polemonii* ER *Puccinia polemonii* E**P. sp.**P *Podosphaera polemonii* SP *Podosphaera xanthii* E**Polygonatum****P. sp.**R *Puccinia sessilis* E

Polygonum

<i>P. agrestinum</i>	P <i>Erysiphe polygoni</i>	E, W (46-48)
	R <i>Uromyces polygoni-avicularis</i>	S, W (46)
<i>P. arenastrum</i>	P <i>Erysiphe polygoni</i>	E, W (49)
	R <i>Uromyces polygoni-avicularis</i>	E, S, W (41, 44, 46, 52)
<i>P. aviculare</i> s.l.	P <i>Erysiphe polygoni</i>	E, S, W (41, 43, 44, 46)
	S <i>Melanopsichium pennsylvanicum</i>	E
	A <i>Olpidium brassicae</i> s.l.	W (44)
	D <i>Peronospora polygoni</i>	E, I, S, W (46, 49, 52)
	A <i>Polymyxa betae</i>	E
	W <i>Ramularia rigidula</i>	E
	R <i>Uromyces polygoni-avicularis</i>	E, I, S, W (35, 41-52)
<i>P. aviculare</i> s.s.	P <i>Erysiphe polygoni</i>	S, W (35, 41-44, 46, 49)
	R <i>Uromyces polygoni-avicularis</i>	S
<i>P. bellardii</i>	R <i>Uromyces polygoni-avicularis</i>	W (46)
<i>P. chamaechyton</i>	P <i>Erysiphe polygoni</i>	W (46)
	R <i>Uromyces polygoni-avicularis</i>	S
<i>P. depressum</i>	P <i>Erysiphe polygoni</i>	W (43)
	D <i>Peronospora polygoni</i>	E
	R <i>Uromyces polygoni-avicularis</i>	W (43, 46)
<i>P. maritimum</i>	R <i>Uromyces polygoni-avicularis</i>	E
<i>P. oxyspermum</i>	P <i>Erysiphe polygoni</i>	E
<i>ssp. raii</i>	R <i>Uromyces polygoni-avicularis</i>	S
<i>P. polycnemiforme</i>	P <i>Erysiphe polygoni</i>	W (46, 48)
<i>P. rurivagum</i>	R <i>Uromyces polygoni-avicularis</i>	W (44, 46)

Polypodium

<i>P. cambricum</i>	R <i>Milesina dieteliana</i>	I, W (41, 42, 44, 45, 50)
'Pulcherrimum Group'		
	R <i>Milesina dieteliana</i>	W (42)
<i>P. interjectum</i>	R <i>Milesina dieteliana</i>	E, I, S, W (35, 41-46, 48-52)
<i>P. × mantonii</i>	R <i>Milesina dieteliana</i>	W (42, 44-49, 51)
<i>P. sp.</i>	R <i>Milesina dieteliana</i>	E, W (44, 48, 49)
<i>P. vulgare</i>	R <i>Milesina dieteliana</i>	E, I, S, W (35, 41-46, 48-52)
<i>P. vulgare</i> s.l.	R <i>Milesina dieteliana</i>	E, S, W (41, 42, 45, 48, 49)

Polystichum

<i>P. acrostichoides</i>	R <i>Milesina whitei</i>	E
<i>P. aculeatum</i>	R <i>Milesina neovogesiacae</i>	E, I, S, W (42-44, 47)
	R <i>Milesina whitei</i>	E, I, W (42-44, 47, 52)
<i>P. × bicknellii</i>	R <i>Milesina neovogesiacae</i>	E
<i>P. setiferum</i>	R <i>Milesina neovogesiacae</i>	E, I, S, W (44-46)
	R <i>Milesina whitei</i>	E, I, S, W (35, 41-50, 52)

Polystichum (cont.)**P. setiferum** (cont.)

	A <i>Taphrina polystichi</i>	E, W (46)
‘Divisilobum’	R <i>Milesina whitei</i>	W (42)
var. <i>congestum</i>	R <i>Milesina whitei</i>	E

Populus

P. <i>alba</i>	P <i>Erysiphe adunca</i>	E
	R <i>Melampsora laricis-tremulae</i>	S
	R <i>Melampsora rostrupii</i>	E, S, W (41-46, 49-52)
P. ‘Balsam Spire’	A <i>Taphrina populina</i>	E
	A <i>Taphrina rhizophora</i>	E, W (41)
	R <i>Melampsora allii-populina</i>	W (47)
P. <i>balsamifera</i>	R <i>Melampsora laricis-populina</i>	W (44)
	R <i>Melampsora allii-populina</i>	E
P. × <i>canadensis</i>	R <i>Melampsora laricis-populina</i>	E, S, W (41, 52)
	R <i>Melampsora laricis-populina</i>	E, I, W (35, 41, 42, 44, 46-52)
	A <i>Taphrina populina</i>	E, W (43)
‘Aurea’	R <i>Melampsora laricis-populina</i>	W (41)
‘Eugenii’	A <i>Taphrina populina</i>	S
‘Gelrica’	R <i>Melampsora laricis-populina</i>	W (44)
‘Heidemij’	R <i>Melampsora laricis-populina</i>	B
‘Italica’	A <i>Taphrina populina</i>	E
‘Marilandica’	R <i>Melampsora laricis-populina</i>	W (35)
‘Regenerata’	R <i>Melampsora laricis-populina</i>	W (44)
‘Robusta’	A <i>Taphrina populina</i>	E
	R <i>Melampsora laricis-populina</i>	E, W (35, 41, 44)
	R <i>Melampsora rostrupii</i>	S
‘Serotina’	A <i>Taphrina populina</i>	W (46)
	P <i>Erysiphe adunca</i>	E
	R <i>Melampsora laricis-populina</i>	E, W (41, 44, 46)
P. × <i>canescens</i>	R <i>Melampsora rostrupii</i>	S
	A <i>Taphrina populina</i>	E, S, W (44, 46)
	P <i>Erysiphe adunca</i>	E
P. <i>cv.</i>	R <i>Melampsora populnea</i>	S, W (46, 49, 51)
	R <i>Melampsora rostrupii</i>	E, W (41, 43, 44, 48-51)
	A <i>Taphrina johansonii</i>	E, W (43)
P. <i>deltoides</i>	R <i>Melampsora laricis-populina</i>	E, S, W (41-43, 47-50, 52)
	R <i>Melampsora laricis-populina</i>	E
P. × <i>euramericana</i>	R <i>Melampsora laricis-populina</i>	S
	R <i>Melampsora rostrupii</i>	S

Populus (cont.)

<i>P. × generosa</i>	R <i>Melampsora laricis-populina</i>	E, S
	A <i>Taphrina populina</i>	S
<i>P. × jackii</i>	R <i>Melampsora allii-populina</i>	E
	R <i>Melampsora laricis-populina</i>	E, W (41, 44, 46, 49)
‘Aurora’	R <i>Melampsora allii-populina</i>	W (43, 44)
	R <i>Melampsora laricis-populina</i>	W (44, 49)
‘Gileadensis’	P <i>Erysiphe adunca</i>	B
	R <i>Melampsora laricis-populina</i>	E
<i>P. nigra</i> s.l.	A <i>Taphrina populina</i>	E, I, S
<i>P. nigra</i>	P <i>Erysiphe adunca</i>	E, W (51)
	R <i>Melampsora allii-populina</i>	E, S, W (35, 44, 45)
	R <i>Melampsora laricis-populina</i>	E, I, S, W (49, 50)
var. <i>afghanica</i>	A <i>Taphrina populina</i>	W (46)
ssp. <i>betulifolia</i>	P <i>Erysiphe adunca</i>	W (46)
	R <i>Melampsora laricis-populina</i>	E, W (41, 42, 44, 46, 47)
	A <i>Taphrina populina</i>	W (42, 43, 46, 47)
ssp. <i>caudina</i>	A <i>Taphrina populina</i>	W (46)
cv.	R <i>Melampsora laricis-populina</i>	E, W (35, 44)
‘Italica’	P <i>Erysiphe adunca</i>	E
	R <i>Melampsora laricis-populina</i>	E, I, S, W (35, 44)
‘Plantierensis’	A <i>Taphrina populina</i>	E, S
	R <i>Melampsora laricis-populina</i>	W (48)
‘Vereecken’	R <i>Melampsora laricis-populina</i>	W (46)
<i>P. pyramidata</i>	R <i>Melampsora laricis-populina</i>	E
<i>P. sp.</i>	R <i>Melampsora allii-populina</i>	E
	R <i>Melampsora laricis-populina</i>	E, S, W (44, 47)
	R <i>Melampsora rostrupii</i>	W (47, 52)
	A <i>Taphrina populina</i>	E, I, S, W (41, 43, 46, 49, 51, 52)
<i>P. szechuanica</i>	R <i>Melampsora laricis-populina</i>	E
<i>P. tremula</i>	P <i>Erysiphe adunca</i>	E, W (44)
	R <i>Melampsora rostrupii</i>	E, S, W (41-44, 46-52)
	A <i>Taphrina johansonii</i>	E, S, W (42, 43)
	A <i>Taphrina populina</i>	E, I, S, W (42)
‘Erecta’	R <i>Melampsora rostrupii</i>	W (44, 48, 50)
<i>P. tremuloides</i>	A <i>Taphrina populina</i>	S
<i>P. trichocarpa</i>	P <i>Erysiphe adunca</i>	W (44)
	R <i>Melampsora allii-populina</i>	S, W (44, 50)
	R <i>Melampsora laricis-populina</i>	E, S, W (35, 44, 46, 49)
	A <i>Taphrina populina</i>	W (46)
‘Variegata’	R <i>Melampsora allii-populina</i>	S

Populus (cont.)

<i>P. trichocarpa</i> × clone	R <i>Melampsora laricis-populina</i>	W (49)
<i>P. trichocarpa</i> × <i>deltoides</i>		
'Beaupré'	R <i>Melampsora laricis-populina</i>	E, W
'Boelare'	R <i>Melampsora laricis-populina</i>	E, W
'Hazendans'	R <i>Melampsora laricis-populina</i>	E
'Hoogvorst'	R <i>Melampsora laricis-populina</i>	E
<i>P. tristis</i>	A <i>Taphrina populina</i>	E
<i>P. × wettsteinii</i>	R <i>Melampsora rostrupii</i>	B

Portulaca

<i>P. oleracea</i>	A <i>Polymyxa betae</i>	E
--------------------	-------------------------	---

Potamogeton

<i>P. gramineus</i>	S <i>Doassansiopsis hydrophila</i>	E
<i>P. natans</i>	S <i>Doassansiopsis hydrophila</i>	S
	A <i>Ligniera junci</i>	E
<i>P. polygonifolius</i>	S <i>Doassansiopsis hydrophila</i>	E, S, W (47)
<i>P. sp.</i>	S <i>Doassansiopsis hydrophila</i>	E, S

Potentilla

<i>P. anglica</i>	R <i>Phragmidium potentillae</i>	E, I, W (42, 44, 46, 47)
	R <i>Phragmidium tormentillae</i>	E, W (41, 44, 46)
	P <i>Podosphaera aphanis</i> var. <i>aphanis</i>	E, W (46)
<i>P. anserina</i>	P <i>Podosphaera aphanis</i> var. <i>aphanis</i>	E, I
	W <i>Ramularia grevilleana</i> var. <i>grevilleana</i>	E, I, S
<i>P. argentea</i>	R <i>Phragmidium potentillae</i>	E, S
<i>P. cv.</i>	R <i>Phragmidium potentillae</i>	B
<i>P. erecta</i>	D <i>Peronospora potentillae-reptantis</i>	S
	R <i>Phragmidium potentillae</i>	E, I, S, W (41, 42, 44, 46, 49, 50, 52)
	R <i>Phragmidium tormentillae</i>	E, I, W (41, 42, 44, 46, 49, 50, 52)
	P <i>Podosphaera aphanis</i> var. <i>aphanis</i>	E, S, W (46, 49)
	A <i>Taphrina potentillae</i>	E, I, S, W (42, 43, 45, 48, 50, 51)
	R <i>Phragmidium tormentillae</i>	W (42-44, 46)
	P <i>Podosphaera aphanis</i> var. <i>aphanis</i>	S, W (41-43, 46, 48)
	R <i>Phragmidium tormentillae</i>	W (46)
	R <i>Phragmidium mexicanum</i>	W (41, 46)
	R <i>Phragmidium tormentillae</i>	E, W (41, 44, 48, 49, 52)
P <i>Podosphaera aphanis</i> var. <i>aphanis</i>	E, W (42, 43)	

Potentilla (cont.)

<i>P. recta</i>	D Peronospora potentillae-sterilis	E
	P Podosphaera aphanis var. aphanis	E
<i>P. reptans</i>	D Peronospora potentillae-reptantis	E, W (41, 49, 51)
	R Phragmidium tormentillae	E, W (43, 44, 46, 49)
	P Podosphaera aphanis var. aphanis	E, I, S, W (41, 42, 44, 46, 49, 52)
	W Ramularia grevilleana var. grevilleana	E, W (50)
<i>P. sp.</i>	R Phragmidium tormentillae	E
	W Ramularia grevilleana var. grevilleana	E, I, W (50)
	A Synchytrium cupulatum	S
<i>P. sterilis</i>	D Peronospora potentillae-sterilis	E, W (42-44, 46, 48, 49)
	R Phragmidium fragariae	E, I, S, W (35, 41-52)
	R Phragmidium sanguisorbae	E
	P Podosphaera aphanis var. aphanis	E, W (43, 44, 46, 49)
	A Taphrina potentillae	W (46)
<i>P. × suberecta</i>	R Phragmidium potentillae	W (42)
	R Phragmidium tormentillae	W (42, 46, 49)
	P Podosphaera aphanis var. aphanis	W (46, 49)
<i>P. verna</i>	R Phragmidium potentillae	S, W (52)

Poterium

<i>P. sanguisorba</i>	D Peronospora sanguisorbae	E
	R Phragmidium sanguisorbae	E, I, S, W (41-46, 49-52)
<i>ssp. balearicum</i>	R Phragmidium sanguisorbae	E, W (44, 46, 49)
	P Podosphaera ferruginea var. ferruginea	E
<i>ssp. magnolii</i>	R Phragmidium sanguisorbae	E
<i>ssp. sanguisorba</i>	R Phragmidium sanguisorbae	E, I
	P Podosphaera ferruginea var. ferruginea	E, I, W (50, 52)

Primula

<i>P. elatior</i>	W Ramularia interstitialis	E
	W Ramularia primulae	E
<i>P. farinosa</i>	S Urocystis primulicola	E, S
<i>P. juliae</i>	D Peronospora oerteliana	E
	W Ramularia primulae	E
<i>P. obconica</i>	P Fibroidium primulae-obconicae	W (51)
<i>P. × polyantha</i>	R Puccinia primulae	I
	W Ramularia primulae	E, W (47, 49, 51)
'Gold Lace'	W Ramularia interstitialis	W (42)

Primula (cont.)

P. pulverulenta	D Peronospora oerteliana	E, S
P. veris	D Peronospora oerteliana	E, I, W (50)
	R Puccinia primulae	E, W (52)
	W Ramularia interstitialis	E, W (41, 46)
	W Ramularia primulae	E, W (43, 44, 49, 50)
	S Urocystis primulae	E
P. vulgaris	D Peronospora oerteliana	E, I, S, W (35, 42, 44, 47, 48, 51)
	R Puccinia primulae	E, I, S, W (41, 44-46, 48, 49, 52)
	W Ramularia interstitialis	E, I, S, W (41-46, 48-50, 52)
	W Ramularia primulae	E, S, W (41-46, 48, 49, 52)
P. vulgaris	S Urocystis primulae	E, S, W (46)
P. 'Wanda'	D Peronospora oerteliana	E

Prunella

P. vulgaris	P Golovinomyces biocellatus s.l.	E
	R Puccinia brunellarum-moliniae	E, S
	W Ramularia lamii var. minor	E
	A Synchytrium aureum s.l.	S

Prunus

P. 'Acolade'	A Taphrina wiesneri	I
P. armeniaca	P Podosphaera tridactyla s.s.	E
	R Tranzschelia discolor	B
'Bredase'	R Tranzschelia discolor	E
'Moorpark'	R Tranzschelia discolor	E
'Royal'	R Tranzschelia discolor	E
P. avium	P Phyllactinia mali	B
	P Podosphaera pruni-avium	B
	A Taphrina wiesneri	E, S, W (42-45, 47-51)
	R Thekopsora areolata	S
	R Tranzschelia discolor	E
'Plena'	A Taphrina wiesneri	W (50)
P. cerasifera	P Erysiphe prunastri	B
	A Taphrina pruni	E, W (46, 49)
	R Tranzschelia discolor	E
	R Tranzschelia pruni-spinosae	E
P. cerasus	P Phyllactinia mali	B
	A Taphrina wiesneri	E
P. 'Cherry Plum'	A Taphrina pruni	E
P. divaricata	R Tranzschelia pruni-spinosae	E

Prunus (cont.)

<i>P. domestica</i>	P Podosphaera ampla	E, S, I, W (35, 48, 49)
	P Podosphaera pannosa	E
	A Taphrina deformans	E
	A Taphrina pruni	E, S, W (42, 46, 47, 49)
	R Tranzschelia discolor	E, S, W (35, 42-44, 46, 47, 49-51)
	R Tranzschelia pruni-spinosae	E, W (41, 44)
‘Golden Gage’	R Tranzschelia discolor	W (49)
‘Kirke’s’	R Tranzschelia discolor	E
‘Opal’	R Tranzschelia discolor	W (43)
‘Yellow Mirabelle’	A Taphrina pruni	S
var. damascena	P Erysiphe prunastri	W (46)
ssp. domestica	P Podosphaera ampla	E
	A Taphrina pruni	E, W (41, 42)
	R Tranzschelia discolor	E, S, W (35, 42, 43, 46, 49)
‘Victoria’	R Tranzschelia discolor	E, W (42, 49)
ssp. insititia	P Podosphaera ampla	W (43, 46)
	A Taphrina pruni	E, W (42)
	R Tranzschelia discolor	E, S, W (42, 43, 46)
	R Tranzschelia pruni-spinosae	E
var. damascena	P Podosphaera ampla	E, W (46)
var. nigra	P Erysiphe prunastri	W (46)
	P Podosphaera ampla	W (42, 43, 46)
	R Tranzschelia discolor	W (46)
‘Merryweather Damson’	R Tranzschelia pruni-spinosae	W (48)
‘Prune Damson’	R Tranzschelia discolor	W (43)
	R Tranzschelia pruni-spinosae	W (48)
‘St. Julien’	R Tranzschelia pruni-spinosae	W (48)
ssp. × italica	A Taphrina pruni	E, W (42)
	R Tranzschelia discolor	E, W (42)
	R Tranzschelia pruni-spinosae	E
var. syriaca	R Tranzschelia discolor	E
<i>P. dulcis</i>	P Podosphaera pannosa	B
	A Taphrina deformans	E, I, S, W (35, 46, 49)
<i>P. × hillieri</i>	A Taphrina wiesneri	I
<i>P. laurocerasus</i>	D Peronospora sparsa	E, W (41)
	P Podosphaera pannosa	E, W (46)
	P Podosphaera tridactyla s.s.	E, I, S, W (46, 49)
<i>P. lusitanica</i>	P Podosphaera pannosa	E, W (46)
	P Podosphaera pruni-lusitanicae	E, I
<i>P. mahaleb</i>	P Erysiphe prunastri	E

Prunus (cont.)

P. padus	P Erysiphe prunastri	B	
	P Podosphaera tridactyla s.s.	E, S, W (42, 43)	
	A Taphrina farlowii	E	
	A Taphrina padi	E, S, W (42, 43, 47, 51, 52)	
	R Thekopsora areolata	E, S, W (42, 43, 46)	
P. persica	P Podosphaera pannosa	E	
	P Podosphaera tridactyla s.s.	E	
	A Taphrina deformans	E, I, W (35, 42, 43, 52)	
	R Tranzschelia discolor	E	
	‘Lord Napier’	A Taphrina deformans	E, S
	‘Pineapple’	R Tranzschelia discolor	E
	var. nectarina	A Taphrina deformans	S
		R Tranzschelia discolor	E
	P. serotina	A Taphrina deformans	W (35, 52)
		A Taphrina farlowii	E, W (35, 48, 52)
R Thekopsora areolata		B	
A Taphrina pruni		S	
P. serrulata	var. hupehensis	A Taphrina wiesneri	I
	cv.	A Taphrina wiesneri	W (43, 44)
	‘Hisakura’	A Taphrina wiesneri	I
	‘Kanzan’	A Taphrina wiesneri	E, I, W (43, 44, 46, 48)
	‘Shirofugen’	A Taphrina wiesneri	E
	‘Shirotae’	A Taphrina wiesneri	I, W (42)
	‘Taihaku’	A Taphrina wiesneri	I
P. sp.	A Taphrina deformans	E, W (35, 42, 43, 48, 49, 52)	
	A Taphrina wiesneri	E, I, W (41, 43, 44)	
	R Tranzschelia discolor	W (46)	
	R Tranzschelia pruni-spinosae	E, I, W (47)	
	P Erysiphe prunastri	E, I, S, W (41-44, 46, 47, 49-51)	
P. spinosa	P Phyllactinia mali	W (42)	
	P Podosphaera ampla	E, I, S, W (35, 42-44, 46, 52)	
	A Taphrina pruni	E, I, S, W (42-52)	
	R Tranzschelia discolor	E, S, W (42, 44, 49)	
	R Tranzschelia pruni-spinosae	E, I, W (35, 41-49, 52)	
P. × subhirtella	var. ascendens	A Taphrina deformans	E
	‘Autumnalis’	A Taphrina wiesneri	I
		A Taphrina insititiae	E
		A Taphrina wiesneri	W (42-44, 46)
P. triloba	A Taphrina pruni	S	
P. ussurensis var. ovoidea			
	A Taphrina deformans	S	

Prunus (cont.)		
<i>P. virginiana</i>	R <i>Thekopsora areolata</i>	B
<i>P. × yedoensis</i>	A <i>Taphrina wiesneri</i>	W (44)
Pseudofumaria		
<i>P. lutea</i>	P <i>Erysiphe cruciferarum</i>	E, W (44)
Pseudosasa		
<i>P. japonica</i>	R <i>Puccinia longicornis</i>	E
Pteridium		
<i>P. aquilinum</i>	A <i>Ceratobasidium anceps</i>	E, I, S
Puccinellia		
<i>P. distans</i>	R <i>Uredo glyceriae</i>	E, W (44)
<i>ssp. borealis</i>	R <i>Uredo glyceriae</i>	S
<i>P. maritima</i>	R <i>Uredo glyceriae</i>	E, S, W (41, 44)
	R <i>Ustilago striiformis</i>	S
<i>P. rupestris</i>	R <i>Uredo glyceriae</i>	E, S, W (35, 41)
Pulicaria		
<i>P. dysenterica</i>	P <i>Golovinomyces inulae</i>	E
	P <i>Podosphaera erigerontis-canadensis</i>	E
	P <i>Podosphaera xanthii</i>	E
	W <i>Ramularia cupulariae</i>	E, I
	R <i>Uromyces junci</i>	E, W (44, 45, 52)
<i>P. sp.</i>	P <i>Golovinomyces inulae</i>	E
Pulmonaria		
<i>P. cv.</i>	P <i>Golovinomyces asperifoliorum</i>	E, W (41, 49)
'Blue Ensign'	P <i>Golovinomyces asperifoliorum</i>	W (44, 50)
'Mawson's Blue'	P <i>Golovinomyces asperifoliorum</i>	W (42)
'Sissinghurst White'	P <i>Golovinomyces asperifoliorum</i>	W (50)
'Tivoli'	P <i>Golovinomyces asperifoliorum</i>	W (41)
<i>P. longifolia</i>	P <i>Golovinomyces asperifoliorum</i>	W (46)
<i>P. officinalis</i>	P <i>Golovinomyces asperifoliorum</i>	E, W (35, 42-44, 46, 49, 50)
<i>P. saccharata</i>	P <i>Golovinomyces asperifoliorum</i>	E
'Mrs. Moon'	P <i>Golovinomyces asperifoliorum</i>	W (50, 52)
Pulsatilla		
<i>P. vulgaris</i>	S <i>Urocystis pulsatillae</i>	E, I
Pyracantha		
<i>P. coccinea</i>	P <i>Phyllactinia mali</i>	E
<i>P. sp.</i>	P <i>Podosphaera clandestina</i>	E

Pyrola

<i>P. media</i>	R Pucciniastrum pyrolae	S
<i>P. minor</i>	R Chrysomyxa pyrolata	E, S
	R Pucciniastrum pyrolae	E, S
<i>P. rotundifolia</i>	R Chrysomyxa pyrolata	E, S
ssp. <i>maritima</i>	R Chrysomyxa pyrolata	E, W (52)
<i>P. sp.</i>	R Chrysomyxa pyrolata	E, S

×Pyronia

× <i>P. veitchii</i>	A Taphrina bullata	E
‘Luxemburgiana’	R Gymnosporangium sabinae	E

Pyrospermum

<i>P. calophyllum</i>	A Taphrina bullata	E
-----------------------	--------------------	---

Pyrus

<i>P. balansae</i>	R Gymnosporangium sabinae	E
<i>P. calleryana</i>	R Gymnosporangium sabinae	E, W (42, 43)
	P Podosphaera clandestina	W (42, 43, 46)
‘Bradford’	R Gymnosporangium sabinae	E
‘Chanticleer’	R Gymnosporangium sabinae	E
<i>P. communis</i>	R Gymnosporangium confusum	B
	R Gymnosporangium sabinae	E, W (35, 41-45, 47, 49-52)
	P Podosphaera leucotricha	E
	A Taphrina bullata	E, S
ssp. <i>caucasica</i>	R Gymnosporangium sabinae	E
‘Abbé Fétel’	R Gymnosporangium sabinae	E
‘Beth’	R Gymnosporangium sabinae	W (47)
‘Beurré Bedford’	R Gymnosporangium sabinae	E
‘Beurré Hardy’	R Gymnosporangium sabinae	E, W (49, 50, 52)
‘Bon Cretien’	R Gymnosporangium sabinae	W (49)
‘Concorde’	R Gymnosporangium sabinae	E, W (43, 49)
‘Conference’	R Gymnosporangium sabinae	E, W (43, 49)
‘Doyenne du Comice’	R Gymnosporangium sabinae	W (49)
‘Grande de Mantle’	A Taphrina bullata	S
‘Jargonelle’	R Gymnosporangium sabinae	W (43)
‘Marguélite Marillat’	R Gymnosporangium sabinae	E
‘Moonglow’	R Gymnosporangium sabinae	W (49)
‘Pitmaston Duchess’	R Gymnosporangium sabinae	E
‘Snowdon Queen’	R Gymnosporangium sabinae	W (49)
‘Williams’ Bon Chrétien’	R Gymnosporangium sabinae	E

Pyrus (cont.)**P. communis** (cont.)

'Williams' Red'	R Gymnosporangium sabinae	E, W (43, 49)
'Winter Nelis'	R Gymnosporangium sabinae	W (43)
P. cordata	R Gymnosporangium sabinae	E, W (46)
P. cossinii	R Gymnosporangium sabinae	E
P. cv.	R Gymnosporangium sabinae	E, W (47)
P. elaeagnifolia	R Gymnosporangium sabinae	E
P. gharbiana	R Gymnosporangium sabinae	E
P. korshinskyi	A Taphrina bullata	E
P. nivalis	R Gymnosporangium sabinae	E
	A Taphrina bullata	E
P. pashia	R Gymnosporangium sabinae	E
	A Taphrina bullata	E
P. pyraeaster	R Gymnosporangium sabinae	E
ssp. pyraeaster	R Gymnosporangium sabinae	W (48)
P. pyrifolia	R Gymnosporangium sabinae	E
P. salicifolia	R Gymnosporangium sabinae	E
P. serrulata	R Gymnosporangium sabinae	E
P. sp.	R Gymnosporangium sabinae	E, W (43)
	P Podosphaera clandestina	W (46)
	A Taphrina bullata	E, S
P. ussuriensis	A Taphrina bullata	E
	R Gymnosporangium sabinae	E
var. ovoidea	R Gymnosporangium sabinae	E
	A Taphrina bullata	S

Quercus

Q. alba	P Erysiphe alphitoides	I
Q. bicolor	P Erysiphe alphitoides	I
Q. boissieri	R Cronartium quercuum	E
Q. brantii	S Microstroma album	E
Q. canariensis	P Erysiphe alphitoides	W (35)
Q. cerris	R Cronartium quercuum	W (49)
	P Erysiphe alphitoides	E
	S Microstroma album	E, I, W (35, 41, 46)
Q. coccinea	A Taphrina caerulescens	E, W (43)
Q. × crenata 'Pseudoturneri'		
	P Erysiphe alphitoides	I
Q. dentata	P Erysiphe alphitoides	I
'Pinnatifida'	P Erysiphe alphitoides	W (42)
Q. ellipsoidalis	A Taphrina caerulescens	E, W (42)
Q. falcata cf.	A Taphrina caerulescens	E
Q. frainetto	P Erysiphe alphitoides	W (42)

Quercus (cont.)

Q. glandulifera	P Erysiphe alphitoides	I
Q. × hickelii	P Erysiphe alphitoides	W (42)
Q. ilex	R Cronartium quercuum	E, W (41)
	P Erysiphe alphitoides	E
	A Taphrina caerulescens	W (41)
Q. lobata	R Cronartium quercuum	E
Q. macranthera	R Cronartium quercuum	E
Q. marilandica	A Taphrina caerulescens	E
Q. petraea	R Cronartium quercuum	I, W (42, 44-49)
	P Erysiphe alphitoides	E, I, S, W (41-50)
	P Erysiphe hypophylla	W (46)
	S Microstroma album	E, I, W (42-44)
	A Taphrina caerulescens	S, W (46, 49)
'Insecata'	P Erysiphe alphitoides	W (42)
'Mespilifolia'	P Erysiphe alphitoides	I
Q. pubescens	P Erysiphe alphitoides	E
	S Microstroma album	E
Q. pyrenaica	P Erysiphe alphitoides	E
Q. reticulata	R Cronartium quercuum	E
Q. robur	R Cronartium quercuum	E, I, S, W (44, 45)
	P Erysiphe alphitoides	E, I, S, W (35, 41-44, 46-51)
	P Erysiphe hypophylla	E, W (46)
	S Microstroma album	E, I, W (35, 41-44, 46-48)
	A Taphrina caerulescens	E, I, S, W (42, 43, 46-48)
'Cristata Group'	P Erysiphe alphitoides	W (42)
	S Microstroma album	I
f. fastigiata 'Koster'	P Erysiphe alphitoides	I
f. fastigiata 'Zeeland'		
	A Taphrina caerulescens	W (42)
'Fenessii'	P Erysiphe alphitoides	I, W (42)
'Fürst Schwarzenburg'		
	P Erysiphe alphitoides	W (42)
'Purpurea'	P Erysiphe alphitoides	W (42)
Q. robur × rugosa 'Cambridge'		
	A Taphrina caerulescens	W (42)
Q. × rosacea	R Cronartium quercuum	W (44, 46)
	P Erysiphe alphitoides	E, I, W (42, 45-49)
	P Erysiphe hypophylla	W (45)
	S Microstroma album	W (42, 43, 46, 48, 51)
	A Taphrina caerulescens	W (42, 43, 49)
Q. rubra	P Erysiphe alphitoides	E
	A Taphrina caerulescens	E, I, W (42-44, 46, 47)
Q. serrata	P Erysiphe alphitoides	W (42)

Quercus (cont.)

Q. shumardii	A Taphrina caerulescens	E
Q. sp.	R Cronartium quercuum	E, I, W (41)
	P Erysiphe alphitoides	E, I, S, W (35, 43)
	S Microstroma album	E, I, S, W (41, 47)
	A Taphrina caerulescens	E, S, W (46, 48, 49, 51)
Q. velutina	P Erysiphe alphitoides	E
Q. × warburgii	R Erysiphe alphitoides	I

Radiola

R. linoides	R Melampsora lini	W (52)
-------------	-------------------	--------

Ranunculus

R. acris	S Entyloma microsporium	E, S, W (49)
	S Entyloma ranunculi-repentis	W (46)
	P Erysiphe aquilegiae var. aquilegiae	E, W (42, 49)
	P Erysiphe aquilegiae var. ranunculi	E, S, W (35, 41-44, 46, 48, 50, 52)
	D Peronospora hiemalis	E, W (43)
	D Peronospora ranunculi	E, I, S, W (35, 41, 44, 46, 49, 52)
	R Puccinia magnusiana	W (51)
	R Puccinia perplexans	E, S
	W Ramularia acris	E, S, W (46)
	W Ramularia didyma var. didyma	E, I, S, W (46, 51)
	W Ramularia simplex	E, I, S, W (43, 45)
	A Synchytrium aureum s.l.	S
	S Urocystis ranunculi	E, I, S
	R Uromyces dactylidis	E, I, S, W (44, 45)
R. aquatilis	A Ligniera junci	E
R. auricomus	S Entyloma ranunculi-repentis	E, W (43, 46, 49, 52)
	P Erysiphe aquilegiae var. ranunculi	E, S
	W Ramularia didyma var. didyma	W (43)
R. bulbosus	R Uromyces dactylidis	B
	S Entyloma ranunculi-repentis	E, W (46)
	P Erysiphe aquilegiae var. ranunculi	E, W (35, 46)
	D Peronospora ranunculi	E, S, W (35, 44, 46, 49)
	A Olpidium brassicae s.l.	W (46)
	R Puccinia magnusiana	E
	S Urocystis ranunculi	E, I
R. cantabrigiensis	R Uromyces dactylidis	E, S
	W Ramularia didyma var. didyma	E
	R. circinatus	A Ligniera junci
R. flammula	P Erysiphe aquilegiae var. ranunculi	E
		I, S, W (43, 46)

Ranunculus (cont.)**R. flammula** (cont.)

	A Ligniera junci	W (46)
	D Peronospora ranunculi	E, S, W (35, 43, 44, 46, 47, 49)
	A Physoderma vagans	S
	R Puccinia magnusiana	E, W (48)
ssp. minimus	R Puccinia magnusiana	S
R. lingua	P Erysiphe aquilegiae var. ranunculi	E
	R Puccinia magnusiana	E
	WRamularia didyma var. didyma	S
R. marginatus	P Erysiphe aquilegiae var. ranunculi	E
R. muricatus	P Erysiphe aquilegiae var. ranunculi	S
R. omiophyllus	A Ligniera junci	W (46)
R. ophioglossifolius	P Erysiphe aquilegiae var. ranunculi	E
R. repens	S Entyloma microsporium	E, I, S, W (35, 41-46, 48-52)
	S Entyloma ranunculi-repentis	E, W (35, 41, 45-47)
	P Erysiphe aquilegiae var. aquilegiae	E, I
	P Erysiphe aquilegiae var. ranunculi	E, S, W (35, 42-47, 49-51)
	A Ligniera junci	W (46)
	A Olpidium brassicae s.l.	W (46)
	D Peronospora ranunculi	E, I, S, W (35, 41-52)
	A Physoderma vagans	B
	R Puccinia magnusiana	E, S, W (35, 41, 42, 44, 46, 48-50, 52)
	WRamularia didyma var. didyma	E, I, S, W (35, 41, 43-46, 48-52)
	WRamularia simplex	E, S, W (42-52)
	A Synchytrium aureum s.l.	E
	S Urocystis ranunculi	E, I, S, W (35, 41-44, 46-52)
	R Uromyces dactylidis	E, I, S, W (35, 41-50, 52)
	R Uromyces poae	S
	R Uromyces rumicis	W (46)
R. sardous	P Erysiphe aquilegiae var. ranunculi	E
R. sceleratus	S Entyloma microsporium	W (46, 47)
	S Entyloma ranunculi-repentis	E, S, W (44)
	P Erysiphe aquilegiae var. ranunculi	B
	R Uromyces dactylidis	E
R. serbicus	P Erysiphe aquilegiae var. ranunculi	B
R. sp.	S Entyloma microsporium	E, S, W (50, 52)
	P Erysiphe aquilegiae var. ranunculi	E, W (48)
	WRamularia simplex	E

Ranunculus (cont.)

R. sp. (cont.)

S	<i>Urocystis ranunculi</i>	E, S, W (41, 47, 48)
R	<i>Uromyces dactylidis</i>	S

Raphanus

R. raphanistrum	D	<i>Hyaloperonospora brassicae</i> s.l.	E, S
	A	<i>Synchytrium aureum</i> s.l.	B
ssp. maritimus	D	<i>Albugo candida</i> s.l.	S, W (41, 44, 46, 49, 52)
	P	<i>Erysiphe cruciferarum</i>	E, W (44, 49, 52)
ssp. raphanistrum	D	<i>Albugo candida</i> s.l.	W (44)
	P	<i>Erysiphe cruciferarum</i>	B
R. sativus	D	<i>Albugo candida</i> s.l.	W (46)
	P	<i>Erysiphe cruciferarum</i>	B
'Caudatus'	D	<i>Hyaloperonospora brassicae</i> s.l.	E, S
	D	<i>Hyaloperonospora brassicae</i> s.l.	W (44)
R. sp.	A	<i>Plasmodiophora brassicae</i>	B

Reseda

R. lutea	D	<i>Peronospora crispula</i>	E
R. luteola	D	<i>Peronospora crispula</i>	E, W (46, 49)

Reynoutria

R. japonica	P	<i>Erysiphe polygoni</i>	E
	D	<i>Peronospora polygoni-convolvuli</i>	W (49)

Rhamnus

R. alaternus	P	<i>Erysiphe friesii</i> var. <i>friesii</i>	E
R. cathartica	P	<i>Erysiphe friesii</i> var. <i>friesii</i>	E, S, W (51)
	R	<i>Puccinia coronata</i> s.l.	E, I, S, W (44, 50-52)

Rheum

R. officinale	W	<i>Ramularia pratensis</i> var. <i>pratensis</i>	I
R. × rhabarbarum	D	<i>Peronospora jaapiana</i>	E
	R	<i>Puccinia phragmitis</i>	E, S, W (35, 42, 49)
	W	<i>Ramularia pratensis</i> var. <i>pratensis</i>	E, S, W (42-44, 46, 47, 50)
'Champagne'	W	<i>Ramularia pratensis</i> var. <i>pratensis</i>	W (44)
'Gaskin's Perpetual'	W	<i>Ramularia pratensis</i> var. <i>pratensis</i>	W (44)
'Strawberry Surprise'	W	<i>Ramularia pratensis</i> var. <i>pratensis</i>	W (44)
'Timperley Early'	W	<i>Ramularia pratensis</i> var. <i>pratensis</i>	W (44)
'Victoria'	W	<i>Ramularia pratensis</i> var. <i>pratensis</i>	W (44)
R. sp.	W	<i>Ramularia pratensis</i> var. <i>pratensis</i>	E, S

Rhinanthus

R. angustifolius	D Plasmopara densa	S
R. minor	R Coleosporium euphrasiae	E, I, S, W (35, 41, 42, 44, 45, 47, 49, 52)
	D Plasmopara densa	E, I, S, W (41-44, 46-52)
	P Podosphaera phtheirospermi	E, S
ssp. minor	R Coleosporium euphrasiae	S, W (41-44, 46, 47)
ssp. stenophyllus	R Coleosporium euphrasiae	W (44)

Rhodiola

R. rosea	R Puccinia rhodiolae	S
----------	----------------------	---

Rhododendron

R. 'Anna Baldsiefen'	R Chrysomyxa rhododendri	S
R. brachyanthum	R Chrysomyxa rhododendri	S
	P Erysiphe azaleae	B
ssp. hypolepidotum	R Chrysomyxa rhododendri	S
R. campylocarpum	P Erysiphe azaleae	B
R. campylogynum	R Chrysomyxa rhododendri	S
'Salmon Pink-flowered'	R Chrysomyxa rhododendri	S
'White'	R Chrysomyxa rhododendri	S
R. carolinianum × leucaspis	P Erysiphe azaleae	S
R. charitopes	R Chrysomyxa rhododendri	S
R. 'Chelsea'	R Chrysomyxa rhododendri	S
R. 'Chikor'	R Chrysomyxa rhododendri	S
R. ciliatum	R Chrysomyxa rhododendri	S
R. ciliicalyx × bullatum	R Chrysomyxa rhododendri	S
R. ciliicalyx × edgeworthii	R Chrysomyxa rhododendri	S
R. cinnabarinum	R Chrysomyxa rhododendri	S
	P Erysiphe azaleae	S
'Roylei Group'	R Chrysomyxa rhododendri	E, S
	P Erysiphe azaleae	S
ssp. xanthocodon	R Chrysomyxa rhododendri	S
R. 'Countess of Sefton'	R Chrysomyxa rhododendri	S
R. 'Curlew'	R Chrysomyxa rhododendri	S
R. 'Cynthia'	P Erysiphe azaleae	S
R. dichroanthum	R Chrysomyxa rhododendri	S
	P Erysiphe azaleae	B
R. 'Dora Amateis'	R Chrysomyxa rhododendri	S
R. edgeworthii	R Chrysomyxa rhododendri	S
R. 'Exberry Hybrid'	P Erysiphe azaleae	S

Rhododendron (cont.)

R. ferrugineum	R Chrysomyxa rhododendri	S
	S Exobasidium rhododendri	E, S, W (52)
R. flavidum	R Chrysomyxa rhododendri	S
R. forrestii 'Repens' × griersonianum	P Erysiphe azaleae	S
R. fortunei	P Erysiphe azaleae	B
R. 'Fragrantissimum'	R Chrysomyxa rhododendri	S
R. glaucophyllum	R Chrysomyxa rhododendri	S
R. 'Gleam'	R Chrysomyxa rhododendri	S
R. 'Golden Queen'	R Chrysomyxa rhododendri	S
R. griffithianum	P Erysiphe azaleae	B
R. 'Grouse'	R Chrysomyxa rhododendri	S
R. hirsutum	R Chrysomyxa rhododendri	S
R. indicum	S Exobasidium rhododendri	E
R. javanicum	R Chrysomyxa rhododendri	S
R. johnstonianum	R Chrysomyxa rhododendri	S
R. keleticum	R Chrysomyxa rhododendri	E
R. keysii	R Chrysomyxa rhododendri	S
R. 'Lady Chamberlain Group'	R Chrysomyxa rhododendri	S
R. 'Lady Chamberlain Seville'	R Chrysomyxa rhododendri	S
R. 'Lady Exbury'	R Chrysomyxa rhododendri	S
R. 'Lady Rosebery'	R Chrysomyxa rhododendri	S
R. 'Lady Rosebery Pink Delight'	R Chrysomyxa rhododendri	S
R. 'Lavender Girl'	R Chrysomyxa rhododendri	S
R. 'Leonard Messel'	R Chrysomyxa rhododendri	S
R. lochiaie	R Chrysomyxa rhododendri	S
R. lowndesii	R Chrysomyxa rhododendri	S
R. ludlowii	R Chrysomyxa rhododendri	S
R. luteum	P Erysiphe azaleae	E, I, W (47)
R. maddenii	R Chrysomyxa rhododendri	S
R. magnificum × occidentale	P Erysiphe azaleae	S
R. minus	R Chrysomyxa rhododendri	S
'Yellow'	R Chrysomyxa rhododendri	S
R. 'Moonshine Supreme'	R Chrysomyxa rhododendri	S
R. 'Mozart'	R Chrysomyxa rhododendri	S
R. multiflorum	R Chrysomyxa rhododendri	S
R. myrtifolium	R Chrysomyxa rhododendri	S

Rhododendron (cont.)

R. × obtusum 'Amoenum'	S Exobasidium japonicum	W (41)
R. occidentale 'Superba'	P Erysiphe azaleae	S
R. 'Phalarope'	R Chrysomyxa rhododendri	S
R. ponticum	R Chrysomyxa rhododendri	I, S
	P Erysiphe azaleae	E, S, W (45, 48, 49)
R. 'Princess Alice'	R Chrysomyxa rhododendri	S
R. racemosum	R Chrysomyxa rhododendri	S
R. 'Razorbill'	R Chrysomyxa rhododendri	S
R. rhodoleucum	P Erysiphe azaleae	S
R. 'Romany Chai Group'	R Chrysomyxa rhododendri	S
R. 'Royal Flush Group'	R Chrysomyxa rhododendri	S
R. sargentianum	R Chrysomyxa rhododendri	S
'Yellow'	R Chrysomyxa rhododendri	S
R. schweliense	R Chrysomyxa rhododendri	S
R. simsii	R Chrysomyxa rhododendri	B
R. 'Sirius'	R Chrysomyxa rhododendri	S
R. sp.	R Chrysomyxa rhododendri	E, S, W (44)
	P Erysiphe azaleae	E, S, W (35, 41, 45, 47-52)
	P Phyllactinia enkianthi	S
'Azalea Group'	P Erysiphe azaleae	E, W (42, 43, 46, 47)
	S Exobasidium japonicum	E, I, S, W (41, 44-46, 48-52)
R. spiciformis	R Chrysomyxa rhododendri	B
R. × superponticum	P Erysiphe azaleae	W (46)
R. tephropeplum	R Chrysomyxa rhododendri	S
R. thomsonii	P Erysiphe azaleae	B
R. trichocladum	R Chrysomyxa rhododendri	S
R. trichostomum	R Chrysomyxa rhododendri	S
R. uniflorum	R Chrysomyxa rhododendri	S
R. 'White Lace'	R Chrysomyxa rhododendri	S
R. 'White Wings'	R Chrysomyxa rhododendri	S

Rhoicissus

R. rhomboidea	P Erysiphe necator var. necator	S
---------------	---------------------------------	---

Rhus

R. sp.	P Podosphaera pruinosa	E
R. typhina	P Podosphaera pruinosa cf.	E

Rhynchospora

R. alba	S Ustanciosporium gigantosporum	E, S
	S Ustanciosporium majus	E, I, W (46)

Ribes

R. alpestre	R Cronartium ribicola	E
R. alpinum	P Erysiphe grossulariae	E, S
R. fasciculatum	P Erysiphe grossulariae	B
	P Podosphaera mors-uvae	B
R. laurifolium	P Erysiphe grossulariae	B
R. × nidigrolaria	P Erysiphe grossulariae	B
R. nigrum	R Cronartium ribicola	E, I, S, W (35, 42-44, 46, 49, 50)
	P Erysiphe grossulariae	E, S
	D Plasmopara ribicola	E
	P Podosphaera mors-uvae	E, S, W (43, 46)
	R Puccinia caricina s.l.	E, W (44)
	R Puccinia pringsheimiana	E
'Baldwin'	R Cronartium ribicola	E
'Ben Gairn'	R Cronartium ribicola	E
'Big Ben'	R Cronartium ribicola	E
'Mendip'	R Cronartium ribicola	E
R. odoratum	R Cronartium ribicola	E
R. rubrum	R Cronartium ribicola	E
	P Erysiphe grossulariae	E
	D Plasmopara ribicola	E
	P Podosphaera mors-uvae	S, W (43, 50, 52)
	R Puccinia caricina s.l.	W (52)
	R Puccinia pringsheimiana	E, S
cv.	R Cronartium ribicola	S, W (42, 43)
R. sanguineum	R Cronartium ribicola	E, S
	P Erysiphe grossulariae	E, S
	P Podosphaera mors-uvae	E, S, W (42-44, 46, 49)
	R Puccinia pringsheimiana	S
R. sp.	R Cronartium ribicola	E, S
	P Phyllactinia ribis	E
	P Podosphaera mors-uvae	I
	R Puccinia ribis	S
R. spicatum	R Puccinia pringsheimiana	S
	R Puccinia ribis	S
R. uva-crispa	R Cronartium ribicola	E
	P Erysiphe grossulariae	E, S, W (35, 42, 44, 46, 50, 51)
	R Melampsora epitea	W (46, 52)
	D Plasmopara ribicola	E
	P Podosphaera mors-uvae	E, S, W (42, 43, 46, 49)
	R Puccinia caricina s.l.	S, W (42, 44, 46, 48-50, 52)
	R Puccinia pringsheimiana	E, I, S, W (41, 42, 44, 48-50, 52)

Ricinus

R. communis	P Golovinomyces orontii	B
R. sp.	P Leveillula ricini	E

Robinia

R. hispida	P Erysiphe pseudacaciae	B
R. pseudoacacia	P Erysiphe pseudacaciae	E
R. sp.	P Erysiphe pseudacaciae	W (41)
	P Erysiphe robiniae	E, S, W (41)

Roemeria

R. argemone	D Peronospora argemones	E, S
-------------	-------------------------	------

Rorippa

R. amphibia	D Albugo rorippae	E
R. islandica	D Albugo rorippae	W (46)
	D Hyaloperonospora rorippae-islandicae	W (42, 46)
R. nasturtium-aquaticum	A Synchytrium aureum s.l.	B
R. palustris	D Albugo rorippae	W (42, 44, 46)
	D Hyaloperonospora rorippae-islandicae	W (42, 46)
R. sylvestris	D Albugo rorippae	E
	D Hyaloperonospora rorippae-islandicae	E

Rosa

R. 'Albertine'	R Phragmidium tuberculatum	E, W (44)
	P Podosphaera pannosa	W (49)
Rosa × alba	R Phragmidium mucronatum	S, W (46)
P	Podosphaera pannosa	B
R. 'Aloha'	R Phragmidium tuberculatum	E
R. 'American Pillar' cf.	P Podosphaera pannosa	W (44, 46)
R. × andegavensis	R Phragmidium mucronatum	W (46)
R. arvensis	R Phragmidium mucronatum	E, I, S, W (35, 41-44, 46, 48-52)
	R Phragmidium tuberculatum	E, W (46)
	P Podosphaera pannosa	E, S, W (42-44, 46-48)
R. 'Ballet'	R Phragmidium tuberculatum	S
R. 'Brenda Colvin'	P Podosphaera pannosa	W (49)
R. 'Bucaneer'	R Phragmidium tuberculatum	S
R. caesia	R Phragmidium mucronatum	E, I, S
R. canina agg.	P Podosphaera pannosa	E, S, W (35, 42, 43, 46, 48)
R. canina	R Phragmidium mucronatum	E, I, S, W (35, 41-43, 45-52)
	R Phragmidium tuberculatum	E, I, S, W (41, 44)
	P Podosphaera pannosa	W (41, 44, 46)
R. centifolia	P Podosphaera pannosa	B

Rosa (cont.)

R. 'Charlotte'	P Podosphaera pannosa	E
R. 'Circus'	R Phragmidium tuberculatum	S
R. complicata	R Phragmidium tuberculatum	W (41)
R. corymbifera	R Phragmidium mucronatum	W (44, 46)
	R Phragmidium tuberculatum	W (46)
R. cv.	D Peronospora sparsa	E, W (49)
	R Phragmidium mucronatum	E, I, S, W (41, 43-46, 50, 51)
	R Phragmidium tuberculatum	E, W (41-46, 50)
	P Podosphaera pannosa	E, S, W (41, 43, 44, 49)
R. 'Daily Sketch'	R Phragmidium tuberculatum	S
R. damascena	P Podosphaera pannosa	B
R. 'Dearest'	R Phragmidium tuberculatum	I, S
R. 'Dorothy Perkins'	R Phragmidium tuberculatum	S
	P Podosphaera pannosa	E, W (41, 43, 44, 47, 49)
R. 'Dublin Bay'	P Podosphaera pannosa	W (42)
R. × dumalis	R Phragmidium tuberculatum	S, W (46)
	P Podosphaera pannosa	B
R. 'Elizabeth'	R Phragmidium tuberculatum	S
R. 'Ena Harkness'	R Phragmidium tuberculatum	S
R. 'Evelyn Fison'	R Phragmidium tuberculatum	E
R. 'Fantasia'	R Phragmidium tuberculatum	S
R. 'Fashion'	R Phragmidium mucronatum	E
	R Phragmidium tuberculatum	E
R. ferruginea	R Phragmidium fusiforme	S
	R Phragmidium mucronatum	E
R. filipes 'Kiftsgate'	P Podosphaera pannosa	W (43)
R. 'Firecracker'	R Phragmidium tuberculatum	S
R. 'Flamenco'	R Phragmidium tuberculatum	S
R. 'Floribunda Group'	P Podosphaera pannosa	W (44)
R. 'Fragrant Cloud'	R Phragmidium tuberculatum	S
R. 'Gail Barden'	R Phragmidium tuberculatum	S
R. gallica	R Phragmidium tuberculatum	E, W (46)
	P Podosphaera pannosa	B
'Complicata'	R Phragmidium tuberculatum	W (49)
R. glauca	R Phragmidium fusiforme	E, S
	R Phragmidium mucronatum	E
R. 'Great Maiden's Blush'	R Phragmidium tuberculatum	W (42)
	R Phragmidium mucronatum	W (46)
R. × gremlii	R Phragmidium mucronatum	W (46)
R. 'Hollandica'	R Phragmidium tuberculatum	S, W (44)
R. × irregularis	R Phragmidium mucronatum	W (46)
	R Phragmidium tuberculatum	W (46)

Rosa (cont.)

R. × irregularis (cont.)	P Podosphaera pannosa	E
R. 'Jiminy Cricket'	R Phragmidium tuberculatum	S
R. 'Jubilee Celebration'	R Phragmidium tuberculatum	W (50)
R. 'L.D. Braithwaite'	P Podosphaera pannosa	E
R. laxa	R Phragmidium mucronatum	E, W (49)
R. 'Madame Grégoire Staechelin'	R Phragmidium tuberculatum	E
R. 'Margaret'	R Phragmidium tuberculatum	S
R. 'Marlene'	R Phragmidium tuberculatum	S
R. micrantha	R Phragmidium mucronatum	W (46)
	R Phragmidium tuberculatum	E, W (46, 47)
	P Podosphaera pannosa	E
R. 'Minnehaha'	P Podosphaera pannosa	E, W (42)
R. mollis	R Phragmidium mucronatum	E, S
	R Phragmidium tuberculatum	S
	P Podosphaera pannosa	W (50)
R. 'Mulliganii'	P Podosphaera pannosa	E, W (46)
R. multiflora	P Podosphaera pannosa	E, W (46, 49)
R. 'New Dawn'	R Phragmidium tuberculatum	E, W (42)
R. 'Orangeade'	R Phragmidium tuberculatum	S
R. 'Papa Meilland'	R Phragmidium tuberculatum	S
R. 'Paprika'	R Phragmidium tuberculatum	S
R. 'Paul Transom'	P Podosphaera pannosa	W (47)
R. 'Paul's Himalayan Musk'	P Podosphaera pannosa	W (42, 43)
R. 'Piccadilly'	R Phragmidium tuberculatum	S
R. 'Polyantha'	P Podosphaera pannosa	B
R. 'Princess Alexandra of Kent'	P Podosphaera pannosa	E
R. 'Queen Elizabeth'	R Phragmidium tuberculatum	E
R. 'Romance'	R Phragmidium tuberculatum	E
R. × rothschildii	R Phragmidium tuberculatum	W (46)
R. rubiginosa	R Phragmidium mucronatum	E, S
	R Phragmidium tuberculatum	E, S
	P Podosphaera pannosa	B
R. rugosa	R Phragmidium mucronatum	E, W (35, 46, 48, 49, 52)
	R Phragmidium tuberculatum	E, S, W (41-43, 45-52)
	P Podosphaera pannosa	E, W (46, 49)
R. rugosa × ? 'Hollandica'	R Phragmidium tuberculatum	W (44)
R. 'Rumba'	R Phragmidium tuberculatum	S

Rosa (cont.)

R. × scabriuscula	R Phragmidium mucronatum	W (46)
	R Phragmidium tuberculatum	W (46, 47)
R. 'Scarlet Queen'	R Phragmidium tuberculatum	S
R. 'Sea Pearl'	R Phragmidium tuberculatum	S
R. 'Sensation'	R Phragmidium tuberculatum	S
R. sericea ssp. omeiensis	P Podosphaera pannosa	S
R. setigera hybrid	P Podosphaera pannosa	W (46)
R. sherardii	R Phragmidium mucronatum	S, W (43, 44, 46, 49, 52)
	R Phragmidium tuberculatum	S, W (42, 44, 46)
	P Podosphaera pannosa	W (46)
R. sp.	R Phragmidium mucronatum	E, S, W (35, 41, 42, 44, 46-52)
	R Phragmidium tuberculatum	S, W (35, 41-49, 51, 52)
	P Podosphaera pannosa	E, I, S, W (35, 41, 46)
R. 'Spartan'	R Phragmidium mucronatum	E
R. spinosissima	D Peronospora sparsa	E
	R Phragmidium rosae-pimpinellifoliae	E, I, S, W (41, 44-52)
	P Podosphaera pannosa	E
cv.	R Phragmidium rosae-pimpinellifoliae	B
R. squarrosa	R Phragmidium mucronatum	W (44, 46)
	R Phragmidium tuberculatum	E, W (46, 47, 51)
	P Podosphaera pannosa	E
R. stylosa	R Phragmidium mucronatum	W (46)
	R Phragmidium tuberculatum	W (46)
R. × subcanina	R Phragmidium tuberculatum	W (46)
R. × subcollina	R Phragmidium tuberculatum	W (46)
R. × suberectiformis	R Phragmidium tuberculatum	W (46)
R. 'Thomas à Becket'	P Podosphaera pannosa	E
R. tomentella	R Phragmidium mucronatum	E
R. tomentosa	R Phragmidium mucronatum	S, W (44, 46)
	R Phragmidium tuberculatum	S, W (46)
	P Podosphaera pannosa	B
R. 'Vanessa Bell'	P Podosphaera pannosa	E
Rosa 'Vanity Fair'	R Phragmidium mucronatum	E
R. villosa	R Phragmidium mucronatum	S
	R Phragmidium tuberculatum	S
R. virginiana	R Phragmidium tuberculatum	E
	P Podosphaera pannosa	B

Rosa (cont.)

R. vosagiaca	R Phragmidium mucronatum	S
	R Phragmidium tuberculatum	E
R. 'Westminster'	R Phragmidium tuberculatum	S
R. 'William Shakespeare'	R Phragmidium tuberculatum	W (50)
R. 'Winchester Cathedral'	P Podosphaera pannosa	E
	R Phragmidium tuberculatum	S
R. 'Woburn Abbey'	R Phragmidium tuberculatum	W (42)
R. 'Zéphirine Drouhin'	R Phragmidium tuberculatum	W (43)
	P Podosphaera pannosa	

Rosmarinus

R. officinalis	P Golovinomyces monardae	E
	P Neoerysiphe galeopsidis	E, S
R. sp.	P Golovinomyces monardae	B

Rosularia

R. sp.	P Pseudoidium kalanchoes	S
--------	--------------------------	---

Rubia

R. peregrina	P Neoerysiphe galii	B
--------------	---------------------	---

Rubus

R. abortifolius	R Phragmidium violaceum	E
R. acutifrons	R Phragmidium violaceum	W (44)
R. adscitus	R Phragmidium violaceum	E
R. aequalidens	R Phragmidium violaceum	W (44)
R. albionis	R Phragmidium violaceum	W (44, 46)
R. altiarcuatus	R Phragmidium violaceum	W (44, 46)
R. amplificatus	R Phragmidium violaceum	W (44, 46)
R. anglofuscus	R Phragmidium violaceum	W (46)
R. ariconiensis	R Kuehneola uredinis	W (44)
	R Phragmidium bulbosum	W (44)
R. armipotens	R Phragmidium violaceum	E
R. bartonii	R Phragmidium violaceum	W (44, 46, 47)
R. bertramii	R Kuehneola uredinis	W (44, 46)
R. biloensis	R Kuehneola uredinis	W (44, 46)
	R Phragmidium violaceum	W (44)
R. bloxamii	R Kuehneola uredinis	W (44)
R. boraeanus	R Phragmidium violaceum	E
R. boudiccaae	R Phragmidium violaceum	E, W (44, 46)
R. caesius	R Kuehneola uredinis	E
	R Phragmidium bulbosum	E, W (41-46, 48, 49, 52)
	R Phragmidium violaceum	E, I
	P Podosphaera aphanis var. aphanis	E

Rubus (cont.)

R. cardiophyllus	R Phragmidium violaceum	E, W (44, 46)
R. cissburiensis	R Kuehneola uredinis	W (44)
	R Phragmidium violaceum	E, W (44)
R. criniger	R Phragmidium violaceum	E
R. dasyphyllus	R Kuehneola uredinis	W (44)
	R Phragmidium violaceum	E, S, W (44, 46, 49)
R. davisii	R Phragmidium violaceum	W (46)
R. dentatifolius	R Phragmidium violaceum	W (44, 46, 47)
R. discolor	R Phragmidium violaceum	E
	P Podosphaera aphanis var. aphanis	B
R. dumnoniensis	R Phragmidium violaceum	W (46)
R. eboracensis	R Phragmidium bulbosum	E
R. echinatoides	R Phragmidium violaceum	E
R. echinatus	R Phragmidium violaceum	E
R. effrenatus	R Phragmidium violaceum	W (46, 47)
R. egregius	R Phragmidium violaceum	E
R. elmodulus	R Phragmidium violaceum	E
R. flexuosus	R Phragmidium bulbosum	W (47)
	R Phragmidium violaceum	W (44, 46)
R. fruticosus agg.	R Kuehneola uredinis	E, I, S, W (35, 41-52)
	D Peronospora rubi	E, S, W (41-43, 49, 52)
	R Phragmidium bulbosum	E, I, S, W (35, 41-43, 45-52)
	R Phragmidium violaceum	E, I, S, W (35, 41-52)
	P Podosphaera aphanis var. aphanis	E, W (41)
R. fruticosus agg. × idaeus		
	D Peronospora rubi	W (49)
R. 'Glynhir curvidens'	R Kuehneola uredinis	W (44)
R. gratus	R Kuehneola uredinis	E
R. hastiformis	R Phragmidium violaceum	W (46)
R. hylocharis	R Phragmidium violaceum	W (46)
R. iconiensis	R Phragmidium violaceum	E
R. idaeus	D Peronospora rubi	W (49-52)
	R Phragmidium rubi-idaei	E, I, S, W (41-43, 45-52)
	P Podosphaera aphanis var. aphanis	E, S, W (46)
'Ample'	R Phragmidium rubi-idaei	W (44, 49)
'Autumn Bliss'	R Phragmidium rubi-idaei	W (41, 44, 49)
'Autumn Giant'	R Phragmidium rubi-idaei	W (44)
'Glen Clova'	R Phragmidium rubi-idaei	W (42, 44, 46)
'Glen Moy'	R Phragmidium rubi-idaei	W (49)
'Lloyd George'	R Phragmidium rubi-idaei	W (43)
'Malling Delight'	R Phragmidium rubi-idaei	W (44)
'Malling Jewel'	R Phragmidium rubi-idaei	W (44)

Rubus (cont.)

R. idaeus × fruticosus 'Tummelberry'	D Peronospora rubi	E
R. incurvatus	R Phragmidium violaceum	W (46)
R. iveniensis	R Phragmidium violaceum	E
R. laciniatus	R Kuehneola uredinis	E
	R Phragmidium violaceum	E, S
R. largificus	R Phragmidium violaceum	W (46)
R. lasiostachys	R Phragmidium violaceum	E
R. latifolius	R Phragmidium bulbosum	S
R. leyanus	R Kuehneola uredinis	W (44)
	R Phragmidium violaceum	W (44, 46)
R. lindebergii	R Phragmidium violaceum	B
R. lindleianus	R Kuehneola uredinis	W (44)
	R Phragmidium violaceum	E, S, W (44, 46)
R. lintonii	R Kuehneola uredinis	E
	R Phragmidium violaceum	E
R. loganobaccus	R Kuehneola uredinis	B
R. loganobaccus	R Phragmidium violaceum	E
	P Podosphaera aphanis var. aphanis	B
R. longithrysiger	R Kuehneola uredinis	W (44)
	R Phragmidium violaceum	W (44)
R. longus	R Phragmidium violaceum	W (44, 46)
R. merlinii	R Phragmidium violaceum	W (44)
R. 'Merton Thornless'	R Kuehneola uredinis	S
R. micans	R Phragmidium violaceum	W (46)
R. moylei var. cuneatus	R Phragmidium violaceum	W (44)
R. mucronulatus	R Phragmidium violaceum	S
R. multifidus	R Phragmidium violaceum	W (44)
R. nessensis	R Kuehneola uredinis	W (46)
R. nemoralis	R Phragmidium violaceum	E, W (44, 46, 49)
R. nemorosus	R Phragmidium bulbosum	W (46)
R. occidentalis	R Phragmidium rubi-idaei	S
R. pampinosus	R Phragmidium violaceum	W (46)
R. pascuorum	R Phragmidium violaceum	W (44)
R. perdigitatus	R Kuehneola uredinis	W (44)
	R Phragmidium bulbosum	B
	R Phragmidium violaceum	W (44, 46)
R. plicatus	R Kuehneola uredinis	W (44, 46)
	R Phragmidium violaceum	W (44)
R. polyanthemus	R Kuehneola uredinis	S
	R Phragmidium bulbosum	W (46)
	R Phragmidium violaceum	E, S, W (44, 47)
R. polyanthus	R Phragmidium violaceum	E

Rubus (cont.)

R. prolongatus	R Phragmidium violaceum	W (44)
R. pyramidalis	R Phragmidium bulbosum	W (46, 47)
	R Phragmidium violaceum	W (46)
R. questieri	R Phragmidium violaceum	W (44)
R. radula	R Phragmidium violaceum	W (44)
R. rossensis	R Kuehneola uredinis	W (44)
	R Phragmidium violaceum	W (44)
R. rubescens	R Kuehneola uredinis	E
R. rubritinctus	R Kuehneola uredinis	W (44)
	R Phragmidium violaceum	W (44, 46)
R. rufescens	R Phragmidium violaceum	W (44)
R. saxatilis	R Phragmidium acuminatum	E, S
R. septentrionalis	R Phragmidium violaceum	S
R. silurum	R Kuehneola uredinis	W (44, 48)
	R Phragmidium bulbosum	W (44, 46)
	R Phragmidium violaceum	W (44, 46)
R. sp.	R Kuehneola uredinis	S, W (35, 41-43, 45-52)
	R Phragmidium bulbosum	S, W (35, 41, 44, 49-51)
	R Phragmidium violaceum	S, W (35, 41, 42, 45, 46, 48-52)
R. spectabilis	R Phragmidium rubi-idaei	S
	R Phragmidium violaceum	S
R. subinermoides	R Phragmidium violaceum	S
R. surrejanus	R Phragmidium violaceum	E
R. tuberculatus	R Phragmidium bulbosum	W (46)
	R Phragmidium violaceum	W (44, 46)
R. ulmifolius	R Kuehneola uredinis	B
	D Peronospora rubi	E
	R Phragmidium bulbosum	E, I, W (46)
	R Phragmidium violaceum	E, I, W (44, 46, 51)
R. ulmifolius hybrid	R Phragmidium violaceum	W (46, 47)
R. ulmifolius × vestitus	R Phragmidium bulbosum	I
	R Phragmidium violaceum	E, I
R. vestitus	R Kuehneola uredinis	E
	R Phragmidium violaceum	E, W (44, 46, 47)
R. villicauliformis	R Phragmidium violaceum	W (44)
R. vitifolius ssp. ursinus	D Peronospora rubi	E
Rudbeckia		
R. sp.	P Golovinomyces ambrosiae	B

Rumex

R. acetosa	P Erysiphe polygoni	E, W (49)
	S Microbotryum stygium	E, S, W (44, 51, 52)
	D Peronospora rumicis	W (44)
	R Puccinia acetosae	E, I, S, W (35, 41-52)
	WRamularia pratensis var. pratensis	W (44)
	R Puccinia phragmitis	E, I, S, W (49, 52)
	R Uromyces acetosae	E, S, W (41-49, 51)
ssp. acetosa	A Ligniera junci	W (46)
	D Peronospora rumicis	E, I, S, W (42, 43, 45, 46, 48, 49)
	R Puccinia acetosae	W (35, 41-46, 48-52)
	WRamularia pratensis var. pratensis	E, I, S, W (35, 42, 43, 45, 46, 49, 52)
	R Uromyces acetosae	W (42, 43, 46, 49)
ssp. bififormis	R Puccinia acetosae	W (46)
R. acetosella	P Erysiphe polygoni	E, S, W (46, 47, 49)
	S Microbotryum kuehneanum	E, S
	R Puccinia acetosae	E, S, W (41, 44, 46, 48)
	R Puccinia phragmitis	W (52)
	WRamularia pratensis var. pratensis	S, W (48, 51)
	R Uromyces acetosae	E, S, W (43, 46, 49, 52)
	R Uromyces polygoni-avicularis	S
R. alpinus	WRamularia rubella	S, W (42)
R. aquaticus	R Puccinia phragmitis	S
R. conglomeratus	S Microbotryum parlatoarei	E
	R Puccinia phragmitis	E, W (49, 50, 52)
	WRamularia pratensis var. pratensis	W (41, 43)
	WRamularia rubella	E, S, W (41-44, 46)
	R Uromyces rumicis	E, I, S, W (43, 44)
R. crispus	S Microbotryum parlatoarei	E, S
	R Puccinia phragmitis	E, S, W (44, 45, 49, 52)
	R Uromyces rumicis	E, I, S, W (35, 41, 44-46, 49-52)
ssp. crispus	P Erysiphe polygoni	E, W (46)
	R Puccinia phragmitis	W (44)
	WRamularia pratensis var. pratensis	S, W (41-44)
	WRamularia rubella	E, I, S, W (35, 42-46, 48-51)
	R Uromyces rumicis	E, I, S, W (44, 46)
ssp. littoreus	WRamularia rubella	W (49)
	R Uromyces rumicis	E, S, W (46, 48-50)
ssp. uliginosus	R Puccinia phragmitis	W (46)
	WRamularia pratensis var. pratensis	W (46)
	WRamularia rubella	W (46, 48)

Rumex (cont.)*R. crispus* ssp. *uliginosus* (cont.)

	R <i>Uromyces rumicis</i>	W (46)
<i>R. × dufftii</i>	W <i>Ramularia pratensis</i> var. <i>pratensis</i>	W (44, 48, 50, 51)
	W <i>Ramularia rubella</i>	W (42-44, 47, 48, 50, 51)
<i>R. hydrolapathum</i>	R <i>Puccinia phragmitis</i>	E, S, W (46)
	W <i>Ramularia pratensis</i> var. <i>pratensis</i>	W (41)
	R <i>Uromyces rumicis</i>	E, S, W (41, 46, 48, 52)
<i>R. longifolius</i>	R <i>Uromyces rumicis</i>	S
<i>R. maritimus</i>	W <i>Ramularia pratensis</i> var. <i>pratensis</i>	W (42)
	W <i>Ramularia rubella</i>	E
	R <i>Uromyces rumicis</i>	E
<i>R. obtusifolius</i>	P <i>Erysiphe polygoni</i>	E
	S <i>Microbotryum parlatoresi</i>	E
	R <i>Puccinia phragmitis</i>	E, S, W (44, 48, 49, 51, 52)
	W <i>Ramularia pratensis</i> var. <i>pratensis</i>	E, S, W (35, 41-52)
	W <i>Ramularia rubella</i>	E, I, S, W (35, 41-52)
	R <i>Uromyces rumicis</i>	E, I, S, W (42-52)
<i>R. palustris</i>	W <i>Ramularia rubella</i>	E
	R <i>Uromyces rumicis</i>	E
<i>R. patientia</i>	R <i>Uromyces rumicis</i>	E
<i>R. × pratensis</i>	W <i>Ramularia pratensis</i> var. <i>pratensis</i>	W (42, 44, 48)
	W <i>Ramularia rubella</i>	I, W (41-44)
	R <i>Uromyces rumicis</i>	W (46)
<i>R. pulcher</i>	R <i>Puccinia phragmitis</i>	E
<i>R. sanguineus</i>		
var. <i>sanguineus</i>	W <i>Ramularia rubella</i>	W (42, 43)
var. <i>viridis</i>	P <i>Erysiphe polygoni</i>	E
	A <i>Ligniera junci</i>	W (44)
	S <i>Microbotryum parlatoresi</i>	E
	R <i>Puccinia phragmitis</i>	E, W (44, 49, 50, 52)
	W <i>Ramularia pratensis</i> var. <i>pratensis</i>	W (42, 43, 45, 46, 50, 52)
	W <i>Ramularia rubella</i>	E, W (35, 41-49, 51)
	R <i>Uromyces rumicis</i>	E, S, W (35, 41, 43, 44)
<i>R. × schulzei</i>	R <i>Uromyces rumicis</i>	E
<i>R. scutatus</i>	P <i>Erysiphe polygoni</i>	S
<i>R. sp.</i>	R <i>Puccinia acetosae</i>	W (49)
	R <i>Puccinia phragmitis</i>	E, I, S, W (45, 52)
	W <i>Ramularia pratensis</i> var. <i>pratensis</i>	E, I, S, W (50)
	W <i>Ramularia rubella</i>	E, I, W (35, 46, 48, 49, 51)
	R <i>Uromyces rumicis</i>	W (47-52)

Ruppia

R. maritima	A Tetramyxa parasitica	S
R. sp.	A Tetramyxa parasitica	E

Sagina

S. apetala	R Puccinia arenariae	W (43, 44, 49)
S. maritima	R Puccinia arenariae	S
S. nivalis	R Puccinia arenariae	S
S. nodosa	R Puccinia arenariae	S
S. × normaniana	R Puccinia arenariae	S
S. procumbens	R Puccinia arenariae	E, S, W (44, 46, 49, 52)
S. saginoides	R Puccinia arenariae	S
S. sp.	R Puccinia arenariae	E, S
S. subulata	R Puccinia arenariae	W (52)
var. glabrata 'Aurea'	R Puccinia arenariae	B

Sagittaria

S. sagittifolia	S Doassansia sagittariae	E
-----------------	--------------------------	---

Salicornia

S. dolichostachya	R Uromyces salicorniae	W (44, 46, 49, 52)
S. europaea	R Uromyces salicorniae	E, W (44, 49, 51, 52)
S. pusilla	R Uromyces salicorniae	W (41, 44)
S. pusilla × ramosissima	R Uromyces salicorniae	W (41)
S. ramosissima	R Uromyces salicorniae	E, W (41, 44, 46, 49)
S. sp.	R Uromyces salicorniae	E, W (44, 49, 51, 52)

Salix

S. acutifolia	R Melampsora laricis-epitea	W (46)
S. alba	P Erysiphe adunca	E
	R Melampsora salicis-albae	E, W (41, 44-46, 50)
var. alba	R Melampsora salicis-albae	W (44)
var. vitellina	R Melampsora salicis-albae	E, S
S. × alopecuroides	R Melampsora amygdalinae	E
S. × ambigua	R Melampsora laricis-epitea	S
S. arbuscula	R Melampsora epitea	S
	R Melampsora laricis-epitea	S
	R Melampsora reticulatae	S
S. argenteoalba	R Melampsora laricis-epitea	S
S. aurita	P Erysiphe adunca	E, S, W (44)
	R Melampsora caprearum	E, S, W (41, 44-46, 49, 52)
	R Melampsora laricis-epitea	E, I, S, W (49)
S. aurita × myrsinites	R Melampsora laricis-epitea	S
S. babylonica	R Melampsora salicis-albae	B

Salix (cont.)

S. caprea	P Erysiphe adunca	E, I, S, W (35, 41-46, 48)
	P Erysiphe capreae	E, I, S, W (35, 41-44, 46, 47, 49-52)
	R Melampsora caprearum	E, I, S, W (35, 41-52)
	R Melampsora laricis-epitea	E, S, W (35, 42, 47, 49, 52)
	W Ramularia rosea	E
'Kilmarnock'	R Melampsora caprearum	E, W (42-44, 49)
ssp. caprea	R Melampsora caprearum	W (43, 44, 46, 52)
S. × caprea	R Melampsora caprearum	S, W (44)
	R Melampsora laricis-epitea	S
S. cinerea	R Melampsora caprearum	E, S, W (42, 44, 47, 49-52)
	R Melampsora laricis-epitea	E, S, W (42, 44, 46, 49, 50, 52)
ssp. cinerea	P Erysiphe adunca	E
	R Melampsora caprearum	E
	R Melampsora laricis-epitea	W (41, 42, 44, 49, 52)
ssp. oleifolia	P Erysiphe adunca	E, S, W (35, 41-50)
	R Melampsora caprearum	E, I, S, W (35, 41, 44, 49)
	R Melampsora laricis-epitea	E, S, W (35, 41-46, 48-50, 52)
	W Ramularia rosea	W (46, 50)
S. daphnoides	P Erysiphe adunca	B
	R Melampsora laricis-epitea	S, W (44)
S. elaeagnos	R Melampsora laricis-epitea	B
S. × flueggiana	R Melampsora caprearum	S
S. × forbyana	R Melampsora laricis-epitea	W (46)
S. × fragilis	P Erysiphe adunca	E, W (49)
	R Melampsora allii-fragilis	E, S, W (42, 43)
	R Melampsora laricis-epitea	E, W (35, 41, 44, 47, 49, 50, 52)
S. × fruticosa	P Erysiphe adunca	E
S. × grahamii	R Melampsora arctica	S
S. hastata	P Erysiphe adunca	E
S. herbacea	R Melampsora arctica	S, W (42, 46, 49)
	R Melampsora laricis-epitea	S
S. × holosericea	P Erysiphe adunca	W (46)
	R Melampsora caprearum	E, S, W (44, 46)
	R Melampsora laricis-epitea	S, W (44, 46)
	R Melampsora 'Stem Infecting Form'	W (44, 46)

Salix (cont.)

<i>S. lanata</i>	R <i>Melampsora arctica</i>	S
<i>S. lapponum</i>	R <i>Melampsora arctica</i>	S
	R <i>Melampsora laricis-epitea</i>	S, W (42)
<i>S. × laschiana</i>	R <i>Melampsora caprearum</i>	S
<i>S. lucida</i>	R <i>Melampsora laricis-pentandrae</i>	S
<i>S. × ludificans</i>	P <i>Erysiphe adunca</i>	B
<i>S. × margarita</i>	R <i>Melampsora laricis-epitea</i>	S
<i>S. × meyeriana</i>	R <i>Melampsora allii-fragilis</i>	W (44)
<i>S. × mollissima</i>	R <i>Melampsora amygdalinae</i>	E
	R <i>Melampsora laricis-epitea</i>	S
var. <i>hippohaefolia</i>	R <i>Melampsora laricis-epitea</i>	S
‘Inger’	R <i>Melampsora laricis-epitea</i>	W (46)
<i>S. moupinensis</i>	R <i>Melampsora caprearum</i>	W (44)
<i>S. × multinervis</i>	P <i>Erysiphe adunca</i>	E
	R <i>Melampsora caprearum</i>	E, S, W (44, 46)
	R <i>Melampsora laricis-epitea</i>	S, W (44)
<i>S. myrsinifolia</i>	P <i>Erysiphe adunca</i>	B
	R <i>Melampsora laricis-epitea</i>	S
<i>S. myrsinites</i>	R <i>Melampsora arctica</i>	S
<i>S. myrsinites × phyllicifolia</i>		
	R <i>Melampsora laricis-epitea</i>	S
<i>S. nigra</i>	P <i>Erysiphe adunca</i>	B
<i>S. pentandra</i>	R <i>Melampsora allii-fragilis</i>	E, I, S, W (44)
	R <i>Melampsora laricis-pentandrae</i>	E, S, W (35, 42, 44, 46)
<i>S. phyllicifolia</i>	P <i>Erysiphe adunca</i>	S
	R <i>Melampsora laricis-epitea</i>	I, S, W (44)
<i>S. × puberula</i>	P <i>Erysiphe adunca</i>	B
	R <i>Melampsora laricis-epitea</i>	S
<i>S. purpurea</i>	P <i>Erysiphe adunca</i>	B
	R <i>Melampsora amygdalinae</i>	E
	R <i>Melampsora laricis-epitea</i>	S, W (42, 44, 46, 52)
ssp. <i>lambertiana</i>	R <i>Melampsora amygdalinae</i>	E
ssp. <i>purpurea</i>	R <i>Melampsora ribesii-viminalis</i>	W (44)
<i>S. pyrenaica</i>	R <i>Melampsora arctica</i>	S
<i>S. × reichardtii</i>	P <i>Erysiphe adunca</i>	E, W (42)
	R <i>Melampsora caprearum</i>	E, S, W (41, 44, 46, 50)
	R <i>Melampsora laricis-epitea</i>	W (44, 48)
<i>S. repens</i>	P <i>Erysiphe adunca</i>	E, W (44, 52)
	R <i>Melampsora repentis</i>	E, I, S, W (44, 48, 51, 52)
	R <i>Melampsora</i> sp.	S
var. <i>argentea</i>	P <i>Erysiphe adunca</i>	E, W (41)
	R <i>Melampsora repentis</i>	E, W (51, 52)

Salix (cont.)

<i>S. reticulata</i>	R <i>Melampsora reticulatae</i>	S
<i>S. × sadleri</i>	R <i>Melampsora arctica?</i>	S
<i>S. schwerinii × viminalis</i>	R <i>Melampsora laricis-epitea</i>	W (46)
<i>S. × smithiana</i>	P <i>Erysiphe adunca</i>	B
	R <i>Melampsora caprearum</i>	E, S, W (41, 44, 46)
	R <i>Melampsora laricis-epitea</i>	S, W (44, 51)
	R <i>Melampsora laricis-pentandrae</i>	S
<i>S. sp.</i>	P <i>Erysiphe adunca</i>	E, S, W (47)
	R <i>Melampsora allii-fragilis</i>	E, S
	R <i>Melampsora caprearum</i>	S, W (41, 47, 49, 52)
	R <i>Melampsora euonymi-caprearum</i>	S
	R <i>Melampsora laricis-epitea</i>	W (41, 49)
	R <i>Melampsora ribesii-viminalis</i>	S
	W <i>Ramularia rosea</i>	E
<i>S. × subsericea</i>	R <i>Melampsora laricis-epitea</i>	S
<i>S. × tetrapla</i>	R <i>Melampsora laricis-epitea</i>	S
<i>S. triandra</i>	P <i>Erysiphe adunca</i>	E
	R <i>Melampsora amygdalinae</i>	E, I, W (44, 46)
	R <i>Melampsora laricis-epitea</i>	E, W (44)
	W <i>Ramularia rosea</i>	E
<i>S. viminalis</i>	P <i>Erysiphe adunca</i>	B
	R <i>Melampsora amygdalinae</i>	E
	R <i>Melampsora caprearum</i>	S
	R <i>Melampsora laricis-epitea</i>	I, S, W (41-47, 49, 52)
	R <i>Melampsora ribesii-viminalis</i>	E, S, W (41, 44, 51)
	R <i>Melampsora</i> ‘Stem Infecting Form’	W (44)
	W <i>Ramularia rosea</i>	E?
‘Tora’	R <i>Melampsora laricis-epitea</i>	W (44)

Salvia

<i>S. nemorosa</i>	P <i>Golovinomyces salviae</i>	E
<i>S. officinalis</i>	P <i>Golovinomyces biocellatus</i> s.l.	S
	P <i>Golovinomyces neosalviae</i>	E, I, S, W (42, 48-50)
	P <i>Neoerysiphe galeopsidis</i>	E
<i>S. sp.</i>	P <i>Golovinomyces biocellatus</i> s.l.	W (46, 50)
	P <i>Golovinomyces salviae</i>	E
<i>S. × superba</i>	P <i>Golovinomyces biocellatus</i> s.l.	B
<i>S. verbenaca</i>	P <i>Golovinomyces salviae</i>	E
	P <i>Neoerysiphe galeopsidis</i>	E
ssp. <i>horminoides</i>	P <i>Golovinomyces salviae</i>	E
<i>S. verticillata</i>	P <i>Golovinomyces biocellatus</i> s.l.	E

Sambucus

<i>S. nigra</i>	P <i>Erysiphe vanbruntiana</i> var. <i>sambuci-racemosae</i>	E, W (44)
	W <i>Ramularia sambucina</i>	E, I, S, W (35, 42-44, 46, 47, 50)
<i>S. racemosa</i>	P <i>Erysiphe vanbruntiana</i> var. <i>sambuci-racemosae</i>	E, S, W (44, 51)
var. <i>callicarpa</i>	P <i>Erysiphe vanbruntiana</i> var. <i>sambuci-racemosae</i>	E

Samolus

<i>S. valerandi</i>	S <i>Entyloma henningsianum</i>	E, S, W (46)
	A <i>Ligniera junci</i>	W (44)

Sanguisorba

<i>S. officinalis</i>	D <i>Peronospora sanguisorbae</i>	E
	P <i>Podosphaera ferruginea</i> var. <i>ferruginea</i>	E, W (41-44, 46, 47, 50, 52)
	R <i>Xenodochus carbonarius</i>	E, S, W (41-44, 47)

Sanicula

<i>S. europaea</i>	D <i>Plasmopara saniculae</i>	E, I, S, W (47)
	R <i>Puccinia saniculae</i>	E, I, S, W (42, 44-52)

Saponaria

<i>S. officinalis</i>	S <i>Microbotryum saponariae</i>	E, W (35, 41)
-----------------------	----------------------------------	---------------

Sarcocornia

<i>S. perennis</i>	R <i>Uromyces salicorniae</i>	B
--------------------	-------------------------------	---

Sasa

<i>S. palmata</i>	R <i>Puccinia longicornis</i>	E, W (41, 44, 46, 48)
'Nebulosa'	R <i>Puccinia longicornis</i>	E
<i>S. veitchii</i>	R <i>Puccinia longicornis</i>	E

Sasaella

<i>S. ramosa</i>	R <i>Puccinia longicornis</i>	E
------------------	-------------------------------	---

Satureja

<i>S. hortensis</i>	R <i>Puccinia menthae</i>	E
---------------------	---------------------------	---

Satyrium

<i>S. aureum</i> *	R <i>Puccinia satyrii</i>	E
--------------------	---------------------------	---

Saxifraga

<i>S. aizoides</i>	R <i>Melampsora reticulatae</i>	S
	R <i>Puccinia jueliana</i>	S
<i>S. 'Bridget'</i>	R <i>Puccinia pazschkei</i>	S

Saxifraga (cont.)

<i>S. callosa</i>	R <i>Puccinia pazschkei</i>	B
var. <i>leontospathula</i>	R <i>Puccinia pazschkei</i>	S
<i>S. cotyledon</i>	R <i>Puccinia pazschkei</i>	S
var. <i>corbariensis?</i>	R <i>Puccinia pazschkei</i>	S
<i>S. crustata</i> var. <i>vochinensis</i>	R <i>Puccinia pazschkei</i>	S
<i>S. diapensioides</i>	R <i>Puccinia pazschkei</i>	B
<i>S. granulata</i>	R <i>Melampsora vernalis</i>	S
	R <i>Puccinia saxifragae</i>	E, S, W (43)
	W <i>Ramularia saxifragae</i>	W (42, 43)
	A <i>Synchytrium rubrocinctum</i>	W (43)
<i>S. hammeri</i>	R <i>Puccinia pazschkei</i>	S
<i>S. herzon</i> var. <i>cullata</i>	R <i>Puccinia pazschkei</i>	S
<i>S. holhamneni</i>	R <i>Puccinia pazschkei</i>	S
<i>S. hostii</i>	R <i>Puccinia pazschkei</i>	S
var. <i>rhaetica</i>	R <i>Puccinia pazschkei</i>	S
<i>S. hypnoides</i>	R <i>Melampsora arctica</i>	S
	R <i>Melampsora reticulatae</i>	S
<i>S. longifolia</i> cv.	R <i>Puccinia pazschkei</i>	E, S
<i>S. 'Obristii'</i>	R <i>Puccinia pazschkei</i>	S
<i>S. oppositifolia</i>	S <i>Arcticomyces warmingii</i>	S
	R <i>Melampsora arctica</i>	S
	R <i>Puccinia jueliana</i>	S
	A <i>Synchytrium rubrocinctum</i>	W (?)
<i>S. paniculata</i>	R <i>Puccinia pazschkei</i>	S
ssp. <i>paniculata</i> 'Ben'	R <i>Puccinia pazschkei</i>	S
<i>S. porophylla</i>	R <i>Puccinia pazschkei</i>	S
<i>S. rigoi</i>	R <i>Puccinia pazschkei</i>	S
<i>S. sempervivum</i>	R <i>Puccinia pazschkei</i>	S
<i>S. spathularis</i>	R <i>Puccinia saxifragae</i>	I, W (51)
	W <i>Ramularia saxifragae</i>	I
<i>S. umbrosa</i>	R <i>Puccinia saxifragae</i>	I
<i>S. × salmonica</i>	R <i>Puccinia pazschkei</i>	B
<i>S. × urbium</i>	W <i>Ramularia saxifragae</i>	I

Scabiosa

<i>S. atropurpurea</i>	P <i>Erysiphe knautiae</i>	E, W (42)
	P <i>Podosphaera dipsacacearum</i>	E
<i>S. caucasica</i>	W <i>Ramularia bosniaca</i>	E
<i>S. columbaria</i>	P <i>Erysiphe knautiae</i>	E, S, W (44, 52)
	S <i>Microbotryum intermedium</i>	E, S
	D <i>Peronospora violacea</i>	E

Scabiosa (cont.)*S. columbaria* (cont.)

ssp. ochroleuca	P <i>Erysiphe knautiae</i>	E
<i>S. longifolia</i>	P <i>Erysiphe knautiae</i>	B
<i>S. lucida</i>	P <i>Erysiphe knautiae</i>	B
<i>S. sp.</i>	P <i>Erysiphe knautiae</i>	E, S, W (50)

×Schedolium

× <i>S. braunii</i>	R <i>Puccinia coronata</i> s.l.	B
× <i>S. loliaceum</i>	R <i>Puccinia coronata</i> s.l.	E

Schedonorus

<i>S. arundinaceus</i>	P <i>Blumeria graminis</i> s.l.	E, W (44)
	R <i>Puccinia coronata</i> var. <i>avenae</i> f.sp. <i>avenae</i>	E, I, S, W (35, 41, 44, 46, 49)
	R <i>Puccinia graminis</i>	E, I, S, W (42, 44, 45)
	S <i>Urocystis ulei</i>	E
	P <i>Blumeria graminis</i> s.l.	E
<i>S. giganteus</i>	R <i>Puccinia coronata</i> var. <i>avenae</i> f.sp. <i>avenae</i>	E, S, W (35, 41-44, 46-52)
	R <i>Puccinia graminis</i>	E, W (43, 44)
	R <i>Puccinia striiformis</i>	S
	S <i>Urocystis ulei</i>	E
	P <i>Blumeria graminis</i> s.l.	W (44)
<i>S. pratensis</i>	R <i>Puccinia coronata</i> var. <i>avenae</i> f.sp. <i>avenae</i>	E, S, W (44)
	R <i>Puccinia graminis</i>	S

Schoenoplectus

<i>S. lacustris</i>	A <i>Physoderma schroeteri</i>	E
	R <i>Puccinia scirpi</i>	E

Scilla

<i>S. autumnalis</i>	R <i>Uromyces scillarum</i>	E
<i>S. bifolia</i>	S <i>Antherospora scillae</i>	E
	R <i>Uromyces scillarum</i>	E
<i>S. forbesii</i>	S <i>Antherospora tractemae</i>	E
<i>S. luciliae</i>	S <i>Antherospora scillae</i>	E
<i>S. sardensis</i>	S <i>Antherospora scillae</i>	E
<i>S. verna</i>	S <i>Antherospora tractemae</i>	E, I, S, W (41, 45, 46, 52)
	R <i>Uromyces scillarum</i>	E, S, W (35, 41, 45, 46, 49, 52)

Scirpus

<i>S. sylvaticus</i>	S <i>Dicellomyces scirpi</i>	E
----------------------	------------------------------	---

Scleranthus

S. annuus D Peronospora scleranthi E, S

Scorzonera

S. humilis P Golovinomyces cichoracearum B
 S Microbotryum scorzonerae E, W (41)
 R Puccinia scorzonerae E, W (41)
 D Pustula obtusata s.l. W (41)
 S. sp. P Golovinomyces cichoracearum E

Scorzoneroides

S. autumnalis D Bremia lactucae s.l. S
 P Golovinomyces cichoracearum E, S
 P Podosphaera erigerontis-canadensis E, W (43)
 R Puccinia leontodontis E, I, S, W (35, 42, 43, 46, 49, 52)
 W Ramularia inaequalis E
 A Synchytrium aureum s.l. W (41)
 var. autumnalis R Puccinia leontodontis S
 var. coronopifolia R Puccinia leontodontis S
 var. latifolia R Puccinia leontodontis S
 var. nigrolanata R Puccinia leontodontis S
 var. pinnatifida R Puccinia leontodontis S
 A Synchytrium aureum s.l. W (44, 46)
 var. pratensis R Puccinia leontodontis S
 var. salina R Puccinia leontodontis S
 var. simplex R Puccinia leontodontis S
 S. sp. P Golovinomyces cichoracearum B

Scrophularia

S. auriculata D Peronospora sordida E, I, W (46)
 W Ramularia carneola E, I, W (35, 43, 44, 47, 49)
 R Uromyces scrophulariae E, I, S, W (44, 47)
 S. nodosa D Peronospora sordida E, I, S, W (35, 41, 43, 44, 46-52)
 W Ramularia carneola E, I, S, W (35, 41-44, 46, 48-52)
 R Uromyces scrophulariae E, I, S
 S. scorodonia R Uromyces scrophulariae E
 S. umbrosa R Uromyces scrophulariae E
 S. vernalis W Ramularia carneola E, I

Secale

S. cereale	P Blumeria graminis s.s.	E
	R Puccinia graminis	E, S
	R Puccinia recondita	E, I, S, W (44, 49)
	R Puccinia striiformis	B
	S Urocystis occulta	E, S

Securigera

S. varia	P Erysiphe trifoliorum	E, W (46)
----------	------------------------	-----------

Sedum

S. anglicum	A Ligniera junci	W (46)
S. jepsonii	P Erysiphe sedi	S
S. praealtum	P Erysiphe sedi	S
S. rubroglaucum	P Erysiphe sedi	S

Selinum

S. carvifolia	R Puccinia angelicae	E
---------------	----------------------	---

Semiarundinaria

S. fastuosa	R Puccinia kusanoi	E
-------------	--------------------	---

Sempervivum

S. arachnoideum	R Endophyllum sempervivi	S
S. × barbulatum	R Endophyllum sempervivi	E
S. calcareum	R Endophyllum sempervivi	E
S. × fimbriatum	R Endophyllum sempervivi	E
S. montanum	R Endophyllum sempervivi	E
S. sp.	R Endophyllum sempervivi	E, I, W (35, 47)
S. tectorum	R Endophyllum sempervivi	E, S, W (42)

Senecio

S. cambrensis	R Puccinia lagenophorae	W (50, 51)
S. candicans	R Coleosporium senecionis	S
'Angel Wings'	R Coleosporium senecionis	W (46)
S. cruenta	R Coleosporium senecionis	B
S. elegans	D Bremia tulasnei	S
S. inaequidens	R Coleosporium senecionis	E, W (41, 44, 46, 49, 50)
	R Puccinia lagenophorae	W (46)
S. minimus	R Coleosporium senecionis	W (49)
S. moorei	R Coleosporium senecionis	S
S. pulcher	R Coleosporium senecionis	E, S
S. sarracenicus	R Coleosporium senecionis	E
	P Golovinomyces fischeri	E
	P Podosphaera senecionis	E
S. smithii	R Coleosporium senecionis	S

Senecio (cont.)

S. sp.	R Coleosporium senecionis	E, I, S, W (47)
S. squalidus	R Coleosporium senecionis	E, W (35, 41, 44, 49)
	P Golovinomyces fischeri	E
	R Puccinia lagenophorae	E, S, W (35, 41, 44, 46, 49-52)
	D Pustula obtusata s.l.	E, W (44, 49, 52)
S. sylvaticus	D Bremia tulasnei	S
	R Coleosporium senecionis	E, S, W (42-44, 46, 47, 49)
	P Golovinomyces fischeri	E, W (46, 49, 52)
	R Puccinia lagenophorae	E
	D Pustula obtusata s.l.	W (46, 49, 52)
S. viravira	R Coleosporium senecionis	W (50)
S. viscosus	R Coleosporium senecionis	S, W (43)
	P Golovinomyces fischeri	E, S, W (44)
	R Puccinia lagenophorae	E, S
	D Pustula obtusata s.l.	W (43)
S. vulgaris	D Bremia tulasnei	E, I, S, W (35, 42, 43, 47-49)
	R Coleosporium senecionis	E, I, S, W (35, 42, 44-47, 50-52)
	P Golovinomyces fischeri	E, I, S, W (35, 42-44, 46, 47, 49-52)
	P Podosphaera senecionis	E, I, W (42, 43, 46, 48)
	R Puccinia lagenophorae	E, I, S, W (35, 41-52)
	R Puccinia schoeleriana	E, S
	R Puccinia senecionis-acutiformis	I
	D Pustula obtusata s.l.	E, I, S, W (35, 41-52)
ssp. vulgaris	R Puccinia lagenophorae	W (35)

Senecio/Jacobaea

S./J. sp.	R Puccinia schoeleriana	E, W (35)
-----------	-------------------------	-----------

Senna

S. stirtonii	P Erysiphe pisi var. pisi	E
--------------	---------------------------	---

Seriphidium

S. sp.	R Puccinia tanacetii	B
--------	----------------------	---

Serratula

S. tinctoria	R Puccinia schroeteriana	W (52)
	R Puccinia tinctoriicola	E, S, W (35, 42, 45, 46, 49, 52)

Seseli

S. libanotis	R Puccinia libanotidis	E
--------------	------------------------	---

Sesleria

<i>S. caerulea</i>	R <i>Puccinia graminis</i>	B
	S <i>Ustilago striiformis</i>	I, S

Sherardia

<i>S. arvensis</i>	D <i>Peronospora sherardiae</i>	E, W (43, 46)
	R <i>Thekopsora guttata</i>	E, W (46, 49-52)

Sida

<i>S. hermaphroditica</i>	R <i>Puccinia malvacearum</i>	E
---------------------------	-------------------------------	---

Sidalcea

<i>S. candida</i>	R <i>Puccinia malvacearum</i>	S
<i>S. hendersonii</i>	R <i>Puccinia malvacearum</i>	E
<i>S. malviflora</i>	P <i>Leveillula contractirostris</i>	W (50)
	R <i>Puccinia malvacearum</i>	W (44)
<i>S. sp.</i>	R <i>Puccinia malvacearum</i>	W (44)

Sideritis

<i>S. sp.</i>	P <i>Neoerysiphe galeopsidis</i>	S
---------------	----------------------------------	---

Silaum

<i>S. silaus</i>	R <i>Puccinia silai</i>	E, S
------------------	-------------------------	------

Silene

<i>S. acaulis</i>	S <i>Microbotryum silenes-acaulis</i>	I, S, W (49)
<i>S. baccifera</i>	R <i>Puccinia arenariae</i>	E
<i>S. coronaria</i>	P <i>Erysiphe buhrii</i>	E
<i>S. dioica</i>	P <i>Erysiphe buhrii</i>	E, W (45, 46, 49, 52)
	S <i>Microbotryum silenes-dioicae</i>	E, I, S, W (35, 41-49, 51, 52)
	D <i>Peronospora melandryi</i>	E, W (52)
	R <i>Puccinia arenariae</i>	E, I, S, W (35, 41-52)
	R <i>Puccinia behenis</i>	E, S, W (41, 43-52)
	W <i>Ramularia didymarioides</i>	E, I, W (42-44, 46)
	W <i>Ramularia lychnicola</i>	E, S, W (50-52)
<i>S. flos-cuculi</i>	S <i>Microbotryum coronariae</i>	S, W (43, 44, 46-52)
	W <i>Ramularia didymarioides</i>	S
	W <i>Ramularia lychnicola</i>	E
<i>S. × hampeana</i>	S <i>Microbotryum lychnidis-dioicae</i>	E
	R <i>Puccinia arenariae</i>	E, S
	R <i>Puccinia behenis</i>	S
<i>S. latifolia</i>	A <i>Polymyxa betae</i>	E
	R <i>Puccinia arenariae</i>	E, W (44, 46)
	R <i>Puccinia behenis</i>	E, W (49, 51)
	R <i>Uromyces behenis</i>	E

Silene (cont.)**S. latifolia (cont.)**

ssp. alba

P Erysiphe buhrii E, W (46)

S Microbotryum lychnidis-dioicae E, I, S, W (44, 51)

R Puccinia arenariae S

R Puccinia behenis E, W (44, 46)

W Ramularia didymarioides E, W (51)

W Ramularia lychnicola E

S. nutans

P Erysiphe buhrii B

S Microbotryum violaceum s.l. E

R Uromyces behenis W (51)

R Uromyces inaequaltus C, W (51)

S. otites

S Microbotryum majus E

S. robotii 'Rolly's Favourite'

R Puccinia behenis W (49)

S. sp.

P Erysiphe buhrii W (49, 52)

S. uniflora

S Microbotryum lagerheimii E

S Microbotryum silenens-inflatae E, S, W (42, 44-46, 51, 52)

R Puccinia behenis E, I, W (45, 46, 52)

S Thecaphora melandrii E

R Uromyces behenis E, I, S, W (45, 46, 48, 49, 52)

ssp. prostrata

R Uromyces behenis S

S. uniflora × vulgaris

S Microbotryum silenens-inflatae W (46)

S. vulgaris

P Erysiphe buhrii W (44)

S Microbotryum silenens-inflatae E

R Puccinia arenariae B

R Puccinia behenis E, W (44, 52)

R Uromyces behenis E, S, W (46, 52)

Silybum**S. eburneum**

P Golovinomyces montagnei B

S. marianum

R Puccinia mariana E

Sinapis**S. alba**

D Albugo candida s.l. E

D Hyaloperonospora brassicae s.l. E, S

S. arvensis

D Albugo candida s.l. E, W (49)

P Erysiphe cruciferarum E, S W (49)

D Hyaloperonospora brassicae s.l. W (46, 49)

A Plasmodiophora brassicae E

Sisymbrium

S. altissimum	D Albugo candida s.l.	E
	P Erysiphe cruciferarum	E
S. irio	P Erysiphe cruciferarum	E
	D Peronospora sisymbrii-orientalis	E, I
S. officinale	D Albugo candida s.l.	E, I, S, W (44, 46, 49, 50, 52)
	P Erysiphe cruciferarum	E, I, S, W (41-44, 46, 48-50)
	D Hyaloperonospora sisymbrii-loeselii	E, I, S, W (42, 43, 45-51)
	D Peronospora sisymbrii-officinalis	E
S. orientale	D Albugo candida s.l.	E
	D Peronospora sisymbrii-orientalis	E
S. strictissimum	P Erysiphe cruciferarum	B

Sium

S. latifolium	A Protomyces macrosporus	E
	R Uromyces lineolatus	I

Smyrniium

S. olusatrum	P Erysiphe heraclei	E, W (46)
	D Plasmopara nivea s.l.	E, W (49, 52)
	R Puccinia smyrnii	E, I, S, W (35, 41, 42, 44-46, 48-52)
S. perfoliatum	R Puccinia ljinica	E

Solanum

S. lycopersicum	A Olpidium brassicae s.l.	E, W (41, 42)	
	P Pseudoidium neolycopersici	W (49)	
	A Spongopora subterranea	E, S	
S. melongena	R Puccinia substriata var. penicillariae	E	
S. sp.	A Spongopora subterranea	E	
S. tuberosum	P Golovinomyces orontii	E, W (49)	
	A Spongopora subterranea	E, I, S, W (41)	
	A Synchronium endobioticum	E, I, S, W (35, 41, 49, 51)	
	'Arran Pilot'	A Spongopora subterranea	E
	'Majestic'	P Golovinomyces orontii	S
	A Spongopora subterranea	E	
'Pentland Crown'	A Spongopora subterranea	E	
'Pentland Javelin'	A Spongopora subterranea	E	

Soldanella

S. alpina	R Puccinia soldanellae	S
S. sp.*	R Puccinia soldanellae	E, S

Soleirolia

S. soleirolii R *Pucciniastrum boehmeriae* agg.
E, W (41, 46, 48, 49, 52)

Solidago

S. arguta var. *bootii* P *Golovinomyces asterum* var. *solidaginis* B
S. buckleyi P *Golovinomyces asterum* var. *solidaginis* B
S. californica P *Golovinomyces asterum* var. *solidaginis* B
S. canadensis P *Golovinomyces asterum* var. *solidaginis* E
 ssp. *altissima* P *Golovinomyces asterum* var. *solidaginis* W (42)
 ssp. *canadensis* P *Golovinomyces asterum* var. *solidaginis* W (42)
S. cv. P *Golovinomyces asterum* var. *solidaginis* E
S. elongata P *Golovinomyces asterum* var. *solidaginis* B
S. flexicaulis P *Golovinomyces asterum* var. *solidaginis* B
S. gigantea ssp. *serotina*
P *Golovinomyces asterum* var. *solidaginis*
E, W (46)
S. glomerata P *Golovinomyces asterum* var. *solidaginis* B
S. 'Goldenmosa' P *Golovinomyces asterum* var. *solidaginis* W (46)
S. 'Goldkind' P *Golovinomyces asterum* var. *solidaginis* W (47)
S. juncea P *Golovinomyces asterum* var. *solidaginis* B
S. missouriensis P *Golovinomyces asterum* var. *solidaginis* B
S. mollis P *Golovinomyces asterum* var. *solidaginis* E
S. multiradiata P *Golovinomyces asterum* var. *solidaginis* B
S. nemoralis P *Golovinomyces asterum* var. *solidaginis* B
S. petiolaris P *Golovinomyces asterum* var. *solidaginis* B
S. ptarmicoides P *Golovinomyces asterum* var. *solidaginis* B
S. rigida P *Golovinomyces asterum* var. *solidaginis* B
S. sempervirens P *Golovinomyces asterum* var. *solidaginis* B
S. sp. P *Golovinomyces asterum* var. *solidaginis* E, I, S
S. virgaurea P *Golovinomyces asterum* var. *solidaginis*
E, S, W (41, 42, 46, 49, 52)
R *Puccinia eriophori-alpini* S, W (49)
R *Puccinia virgae-aureae* E, I, S, W (44, 46, 49)
R *Uromyces sommerfeltii* W (46, 49)

***Solidaster**

**S. luteus* P *Golovinomyces asterum* var. *solidaginis* B

Sonchus

S. arvensis D *Bremia stellata* E, I, S, W (48)
R *Coleosporium sonchi* E, I, S, W (42, 43,
46, 47, 49, 50, 52)
P *Golovinomyces sonchicola* E, S, W (42, 44,
46, 48)
R *Puccinia pseudosphaeria* E, I, S, W (35, 41-52)

Sonchus (cont.)

<i>S. arvensis</i> ssp. <i>uliginosus</i>	R <i>Puccinia pseudosphaeria</i>	W (46)
<i>S. asper</i>	D <i>Bremia stellata</i>	E, S, W (35, 42, 43, 46, 47, 49, 52)
	R <i>Coleosporium sonchi</i>	E, I, S, W (41-44, 47, 49, 50)
	P <i>Golovinomyces sonchicola</i>	E, I, S, W (35, 41-49)
	R <i>Puccinia pseudosphaeria</i>	E, I, S, W (35, 41-52)
ssp. <i>glaucescens</i>	P <i>Golovinomyces sonchicola</i>	W (46)
	R <i>Puccinia pseudosphaeria</i>	W (46)
ssp. <i>intergrifolius</i>	R <i>Puccinia pseudosphaeria</i>	S
<i>S. oleraceus</i>	D <i>Bremia stellata</i>	E, I, S, W (35, 43, 48, 49)
	R <i>Coleosporium sonchi</i>	E, I, S, W (35, 41, 44, 46, 51)
	P <i>Golovinomyces sonchicola</i>	E, I, S, W (35, 41-49, 52)
	R <i>Puccinia pseudosphaeria</i>	E, S, I, W (35, 41-44, 46-52)
<i>S. palustris</i>	R <i>Coleosporium sonchi</i>	E
<i>S. palustris</i>	P <i>Golovinomyces sonchicola</i>	B
	R <i>Puccinia pseudosphaeria</i>	E
<i>S. pinnatifidus</i>	P <i>Golovinomyces sonchicola</i>	B
<i>S. sp.</i>	R <i>Coleosporium sonchi</i>	E, S
	R <i>Puccinia pseudosphaeria</i>	E, I, S, W (44, 49, 50, 52)

Sophora

<i>S. flavescens</i>	P <i>Erysiphe diffusa</i>	B
<i>S. japonica</i>	P <i>Erysiphe diffusa</i>	B

Sorbaria

<i>S. sorbifolia</i>	P <i>Erysiphe alphitoides</i>	E
----------------------	-------------------------------	---

Sorbus

<i>S. aria</i>	R <i>Gymnosporangium cornutum</i>	S
	P <i>Podosphaera aucupariae</i>	E
<i>S. aucuparia</i>	R <i>Gymnosporangium clavariiforme</i>	S
	R <i>Gymnosporangium cornutum</i>	E, I, S, W (49)
	R <i>Ochropsora ariae</i>	E, S
	W <i>Phacellium sorbi</i>	E
	P <i>Podosphaera aucupariae</i>	E, I, S, W (41-44, 46, 48)
cv.	R <i>Gymnosporangium cornutum</i>	S

Sorbus (cont.)

<i>S. sargentiana</i>	R <i>Gymnosporangium cornutum</i>	B
	R <i>Gymnosporangium</i> sp.	S
<i>S. sp.</i>	R <i>Gymnosporangium clavariiforme</i>	S
	R <i>Gymnosporangium cornutum</i>	S
<i>S. × thuringiaca</i>	R <i>Gymnosporangium cornutum</i>	B
	R <i>Gymnosporangium</i> sp.	S
<i>S. torminalis</i>	R <i>Ochropsora ariae</i>	E

Sorghum

<i>S. bicolor</i>	S <i>Sporisorium sorghi</i>	E
-------------------	-----------------------------	---

Sparganium

<i>S. erectum</i>	S <i>Nannfeldtiomyces sparganii</i>	E
	A <i>Physoderma sparganii-ramosi</i>	E

Spartina

<i>S. × townsendii</i>	A <i>Ligniera junci</i>	E
------------------------	-------------------------	---

Spartium

<i>S. junceum</i>	P <i>Erysiphe rayssiae</i>	E
-------------------	----------------------------	---

Spergula

<i>S. arvensis</i>	D <i>Peronospora obovata</i>	E, I, S, W (35, 42, 46, 49)
	R <i>Puccinia arenariae</i>	S, W (42, 48, 49)

Spergularia

<i>S. marina</i>	D <i>Albugo lepigoni</i>	E, S, W (35, 41, 44, 46, 49, 52)
	D <i>Peronospora lepigoni</i>	E
	D <i>Peronospora obovata</i>	E, S
	R <i>Uromyces sparsus</i>	E, W (41, 44, 49, 52)
	D <i>Albugo lepigoni</i>	E, S, W (44, 46, 48, 49, 52)
<i>S. media</i>	D <i>Peronospora lepigoni</i>	E
	D <i>Peronospora obovata</i>	E
	R <i>Uromyces sparsus</i>	E, W (44, 46, 52)
	D <i>Albugo lepigoni</i>	W (46)
	D <i>Peronospora lepigoni</i>	E
<i>S. rubra</i>	D <i>Peronospora obovata</i>	E
	R <i>Uromyces sparsus</i>	E, S
	D <i>Albugo lepigoni</i>	I, W (46, 49, 52)
	D <i>Peronospora obovata</i>	E
	D <i>Albugo lepigoni</i>	I, W (48, 49, 52)

Spinacia

<i>S. oleracea</i>	P <i>Erysiphe betae</i>	E
	D <i>Peronospora effusa</i>	E, I, S, W (47)
	A <i>Polymyxa betae</i>	E
	R <i>Uromyces beticola</i>	E, W (41)

Spiraea

<i>S. × arguta</i>	P <i>Podosphaera spiraeae</i>	E
<i>S. × billardii</i>	P <i>Podosphaera spiraeae</i>	W (46)
<i>S. × bumalda</i>	P <i>Podosphaera spiraeae</i>	W (35)
<i>S. cantoniensis</i> 'Flore Pleno'	P <i>Podosphaera spiraeae</i>	E
<i>S. douglasii</i>	P <i>Podosphaera clandestina</i>	B
	P <i>Podosphaera spiraeae</i>	E
<i>S. japonica</i> cv.	P <i>Podosphaera spiraeae</i>	E, W (43, 44, 46)
<i>S. salicifolia</i>	P <i>Podosphaera clandestina</i>	B
<i>S. sp.</i>	P <i>Podosphaera clandestina</i>	E
	P <i>Podosphaera spiraeae</i>	E, I, S, W (35, 41, 43, 46, 47, 49-52)
	W <i>Ramularia spiraeae</i>	E, I

Spiranthes

<i>S. sp.</i>	R <i>Desmosorus oncidii</i>	S
<i>S. spiralis</i>	R <i>Desmosorus oncidii</i>	E

Stachys

<i>S. alpina</i>	P <i>Neoerysiphe galeopsidis</i>	B
<i>S. × ambigua</i>	P <i>Neoerysiphe galeopsidis</i>	E, S, W (49)
<i>S. arvensis</i>	P <i>Neoerysiphe galeopsidis</i>	E, W (42, 46, 49)
	D <i>Peronospora stachydis</i>	E
	W <i>Ramularia lamii</i> var. <i>minor</i>	W (42)
<i>S. byzantina</i>	P <i>Neoerysiphe galeopsidis</i>	E, S, W, (47-52)
'Big Ears'	P <i>Neoerysiphe galeopsidis</i>	W (46)
<i>S. germanica</i>	P <i>Neoerysiphe galeopsidis</i>	E
<i>S. palustris</i>	P <i>Neoerysiphe galeopsidis</i>	E, I, S, W (41, 45, 46, 52)
	D <i>Peronospora stachydis</i>	E, S
	W <i>Ramularia bresadolae</i>	W (42)
<i>S. sylvatica</i>	P <i>Neoerysiphe galeopsidis</i>	E, I, S, W (35, 41-44, 46-50, 52)
	D <i>Peronospora stachydis</i>	S, W (50)
	W <i>Ramularia lamii</i> var. <i>lamii</i>	E, S, W (46, 49, 50)

Stellaria

<i>S. alsine</i>	S <i>Microbotryum stellariae</i>	E, I
	D <i>Peronospora parva</i>	W (42, 47, 49, 52)
	R <i>Puccinia arenariae</i>	E, I, S, W (42, 43, 46, 48, 49, 52)
	W <i>Ramularia episphaeria</i>	W (42, 43, 47)
<i>S. aquatica</i>	S <i>Microbotryum stellariae</i>	E
	R <i>Puccinia arenariae</i>	E

Stellaria (cont.)

S. graminea	R Melampsorella caryophyllacearum	E, I, S, W (42, 43, 45, 46, 49, 52)
	S Microbotryum stellariae	E, I, S, W (35, 41-44, 46, 48-50, 52)
	D Peronospora parva	W (49)
	R Puccinia arenariae	E, I, S, W (43, 44, 46, 48, 49, 52)
	W Ramularia episphaeria	E
S. holostea	R Melampsorella caryophyllacearum	E, I, S, W (42, 43, 46, 48, 52)
	S Microbotryum stellariae	E, S
	R Puccinia arenariae	E, S, W (44, 46, 48, 49)
	W Ramularia episphaeria	E, W (44)
S. media	R Melampsorella caryophyllacearum	W (46, 52)
	D Peronospora alsinearum	E, I, S, W (44-47, 49-52)
	A Polymyxa betae	E
S. nemorum	R Puccinia arenariae	E, S, W (42, 44, 45, 48, 49)
	A Synchytrium stellariae	S
	R Puccinia arenariae	E
	W Ramularia episphaeria	E
S. pallida	D Peronospora parva	W (46)
S. palustris	A Synchytrium stellariae	E, S
	R Melampsorella caryophyllacearum	S
	S Microbotryum stellariae	E
S. sp.	R Puccinia arenariae	E
	R Melampsorella caryophyllacearum	E, S, W (46, 50)

Stranvaesia

S. davidiana	P Podosphaera leucotricha	S
--------------	---------------------------	---

Streptocarpus

S. sp.	P Golovinomyces orontii	S
--------	-------------------------	---

Suaeda

S. maritima	D Peronospora sp.	E, W (52)
	R Uromyces chenopodii	E, S, W (41, 44-46, 48, 49, 51, 52)
S. vera	R Uromyces chenopodii	E

Succisa

- S. pratensis* P Erysiphe knautiae E, I, S, W (41-44, 46, 47, 49)
S Microbotryum floscolorum E, S
S Microbotryum succisae E, I, S, W (41-43,
45, 46, 49-51)
D Peronospora violacea E, I, S, W (35, 42,
43, 45, 46, 48)
W Ramularia succisae E, I, S, W (42, 46, 47, 51)
A Synchytrium succisae E, I, S, W (41-44, 46)

Symphoricarpos

- S. albus* P Erysiphe symphoricarpi E, S, W (41, 42, 44,
46, 48-51)
S. × chenaultii P Erysiphe symphoricarpi E
S. sp. P Erysiphe symphoricarpi E, I, W (35, 41-44,
47, 50, 51)

Symphyotrichum

- S. cordifolium* P Golovinomyces asterum var. moroczkovskii
W (44)
S. ericoides P Golovinomyces asterum var. moroczkovskii
E, W (44)
S. laeve P Golovinomyces asterum var. moroczkovskii B
S. lanceolatum P Golovinomyces asterum var. moroczkovskii B
S. novae-angliae P Golovinomyces asterum var. moroczkovskii
E, W (42, 44)
S. novi-belgii P Golovinomyces asterum var. moroczkovskii
E, S, W (43)
R Puccinia asteris E
S. pilosum P Golovinomyces asterum var. moroczkovskii B
S. praealtum P Golovinomyces asterum var. moroczkovskii B
S. puniceum P Golovinomyces asterum var. moroczkovskii
W (43)
S. × salignum P Golovinomyces asterum var. moroczkovskii
W (44, 46)
S. sp. P Golovinomyces asterum var. moroczkovskii
E, S, W (42, 43, 46, 47, 49, 52)
S. tradescantii P Golovinomyces asterum var. moroczkovskii B
S. turbinellum P Golovinomyces asterum var. moroczkovskii B
S. × versicolor P Golovinomyces asterum var. moroczkovskii E

Symphytum

- S. asperum* P Golovinomyces asperifoliorum E, W (44)
R Melampsorella symphyti E, S
D Peronospora symphyti E
S. caucasicum P Golovinomyces asperifoliorum E, W (46, 49)

Symphytum (cont.)

S. 'Hidcote Blue'	P Golovinomyces asperifoliorum	W (42, 44, 48, 52)
S. 'Hidcote Pink'	P Golovinomyces asperifoliorum	W (48)
S. officinale	S Entyloma serotinum	E, I, S, W (35)
	P Golovinomyces asperifoliorum	E, I, S, W (49, 50, 52)
	R Melampsorella symphyti	E, S, W (35, 42, 43, 45, 49-52)
	D Peronospora symphyti	E, W (48, 51)
	W Ramularia calcea	E
ssp. officinale var. officinale		
	P Golovinomyces asperifoliorum	W (42-44, 46-48, 50, 52)
var. purpureum	R Melampsorella symphyti	E
S. orientale	P Golovinomyces asperifoliorum	E
	D Peronospora symphyti	E
S. peregrinum	R Melampsorella symphyti	E
S. sp.	P Golovinomyces asperifoliorum	E, S, W (35, 42, 43)
	R Melampsorella symphyti	E, S, W (43-45, 50)
	D Peronospora symphyti	E, W (51)
	W Ramularia calcea	E
S. tuberosum	P Golovinomyces asperifoliorum	S, W (49)
	R Melampsorella symphyti	E, S
	D Peronospora symphyti	E
S. × uplandicum	P Golovinomyces asperifoliorum	E, S, W (43, 44, 46, 47, 49, 52)
	R Melampsorella symphyti	E, S, W (42, 45, 46, 49-52)
	D Peronospora symphyti	E, I
	W Ramularia calcea	E

Synosma

S. suaveolens	R Coleosporium cacaliae	E
---------------	-------------------------	---

Syringa

S. sp.	P Erysiphe thermopsideis	E
S. vulgaris	P Erysiphe syringae	E, I, W (42, 44, 46, 47, 49)
	P Erysiphe syringae-japonicae	E, I
	P Phyllactinia fraxini	E

Tagetes

T. sp.	P Neoerysiphe cumminsiana	W (41)
--------	---------------------------	--------

Tanacetum

T. balsamita	P Golovinomyces macrocarpus	B
T. bipinnatum ssp. bipinnatum		
	P Golovinomyces macrocarpus	B
T. coccineum	P Golovinomyces macrocarpus	S
	R Puccinia chrysanthemi	E
T. macrophyllum	P Golovinomyces macrocarpus	B
T. parthenium	P Golovinomyces macrocarpus	E, W (50)
	D Pustula obtusata s.l.	E, I, W (46)
	WRamularia bellunensis	E
T. peregrinum	P Golovinomyces macrocarpus	B
T. roseum	P Golovinomyces macrocarpus	S
T. vulgare	P Golovinomyces macrocarpus	E, S, W (42, 43, 46, 49)
	R Puccinia tanacetii	E, S, W (46)
	WRamularia tanacetii	E

Taraxacum

T. alatum	R Puccinia taraxaci	W (49)
T. atactum	A Synchytrium taraxaci	W (46)
T. boekmanii	A Synchytrium taraxaci	W (46)
T. eckmanii	R Puccinia taraxaci	W (49)
T. faeroense	R Puccinia taraxaci	S
T. fulvum	R Puccinia taraxaci	S
	R Puccinia variabilis	S
T. hamatum	P Podosphaera erigerontis-canadensis	E
T. haworthianum	R Puccinia taraxaci	S
T. obliquum	R Puccinia variabilis	S
T. officinale agg.	P Podosphaera erigerontis-canadensis	
		E, I, S, W (35, 41-52)
	R Puccinia silvatica	S
	R Puccinia taraxaci	E, I, S, W (35, 41-52)
	R Puccinia variabilis	E, I, S, W (35, 41-44, 46-52)
	A Synchytrium taraxaci	S
T. oxoniense	P Podosphaera erigerontis-canadensis	W (46)
	R Puccinia taraxaci	W (46)
T. paludosum	R Puccinia taraxaci	E
T. palustre agg.	R Puccinia silvatica	S
	R Puccinia taraxaci	B
	R Puccinia variabilis	E, S
T. pannulatum	R Puccinia taraxaci	W (49)
T. piceatum	A Synchytrium taraxaci	W (46)
T. proximum	R Puccinia taraxaci	S
T. pseudolarssonii	R Puccinia taraxaci	E

Taraxacum (cont.)

T. sellandii	R Puccinia taraxaci	W (49)
T. sp.	D Bremia taraxaci	E, S, W (46)
	P Golovinomyces cichoracearum	E
	P Podosphaera erigerontis-canadensis	S
	A Protomyces pachydermus	E, I, S, W (43, 47, 49)
	R Puccinia taraxaci	S, W (35, 41)
	R Puccinia variabilis	S
	W Ramularia inaequalis	E, I, S, W (35, 41-46, 48, 49, 51, 52)
	A Synchytrium taraxaci	E, I, S, W (35, 41-49, 51, 52)
T. spectabile	R Puccinia silvatica	S
T. subnaevosum	P Podosphaera erigerontis-canadensis	E
T. unguilobum	P Podosphaera erigerontis-canadensis	E
Tarenaya		
T. hassleriana	D Albugo candida s.l.	E
	P Erysiphe cruciferarum	E
T. spinosa	P Erysiphe cruciferarum	E
Teesdalia		
T. nudicaulis	D Albugo candida s.l.	W (43)
Telekia		
T. speciosa	W Ramularia telekiae	B
Tellima		
T. grandiflora	P Podosphaera macrospora	E, W (42, 43, 46, 48, 49)
Tephrosieris		
T. palustris	R Coleosporium senecionis	E
Teucrium		
T. fruticans	R Puccinia teucrii	E
T. scorodonia	R Puccinia annularis	E, I, S, W (41-52)
Thalictrum		
T. alpinum	P Podosphaera thalictri	S
	R Puccinia borealis	S
	R Puccinia septentrionalis	S
	S Urocystis sorosporioides	S
T. aquilegifolium	P Podosphaera thalictri	B
	S Urocystis sorosporioides	B

Thalictrum (cont.)

T. flavum	R Aecidium thalictri	E, W (41, 44, 46)
	S Entyloma thalictri	E
	P Erysiphe aquilegiae var. ranunculi	E
	R Tranzschelia thalictri	E, S
T. minus	R Aecidium thalictri	E
	P Erysiphe aquilegiae var. ranunculi	E, S
	R Tranzschelia thalictri	S, W (42)
	S Urocystis sorosporioides	E, S
ssp. arenarium	R Aecidium thalictri	S
	R Tranzschelia thalictri	S
T. sp.	P Podosphaera thalictri	W
T. sphaerostachyum	P Podosphaera thalictri	E

Thamnocalamus

T. tessellatus	R Puccinia longicornis	E
----------------	------------------------	---

Thermopsis

T. lanceolata	P Erysiphe thermopsisidis	B
T. sp.	P Erysiphe thermopsisidis	E

Thesium

T. humifusum	P Erysiphe thesii	E
	R Puccinia thesii	E

Thinopyrum

T. acutum	R Puccinia agropyrina	S
-----------	-----------------------	---

Thlaspi

T. arvense	D Albugo candida s.l.	E
	P Erysiphe cruciferarum	E
	D Hyaloperonospora thlaspeos-arvensis	E, S

Thymus

T. drucei	P Golovinomyces monardae	W (42, 44, 49)
	A Olpidium brassicae s.l.	W (46)
	R Puccinia schneideri	E, S, W (42, 45)
	A Synchytrium aureum s.l.	S
	R Uredo morvernensis	I, S, W (44, 49)
T. pulegioides	R Puccinia schneideri	E

Thysselinum

T. palustre	D Plasmopara peucedani	E
	R Puccinia semadenii	E

Tolmiea

T. menziesii	P Podosphaera macrospora	W (46, 48)
--------------	--------------------------	------------

Torilis

T. japonica	P Erysiphe heraclei	E, I, W (42, 45, 46, 48-50)
	A Protomyces macrosporus	E, W (44)
	W Ramularia chaerophylli	E
T. nodosa	P Erysiphe heraclei	E

Tragopogon

T. porrifolius	P Golovinomyces cichoracearum	E, W (42)
	S Microbotryum tragopogonis-pratensis	E, I
	R Puccinia hysteriorum	B
	D Pustula obtusata s.s.	E, I
T. pratensis	P Golovinomyces cichoracearum	E
	S Microbotryum tragopogonis-pratensis	E, S, W (35, 41, 43, 51, 52)
	R Puccinia hysteriorum	E, S, W (35, 41, 45, 47)
ssp. minor	P Golovinomyces cichoracearum	E, W (46)
	D Protobremia sphaerosperma	E
	R Puccinia hysteriorum	E, W
	D Pustula obtusata s.s.	E, S, W (35, 41, 43-50, 52)

Tremastelma

T. sp.	P Erysiphe knautiae	B
--------	---------------------	---

Trichocentrum

T. cavandishianum	R Desmosorus oncidii	S
-------------------	----------------------	---

Trichophorum

T. cespitosum agg.	S Anthracoidea scirpi	S
	R Puccinia eriophori-alpini	S, W (49)
T. × foersteri	S Anthracoidea scirpi	S
T. germanicum	R Puccinia eriophori-alpini	S

Trientalis

T. europaea	S Urocystis trientalis	S
-------------	------------------------	---

Trifolium

T. arvense	P Erysiphe trifoliorum	E, W (44)
	R Uromyces flectens	E
T. bocconeii	P Erysiphe trifoliorum	W (42)
T. campestre	P Erysiphe trifoliorum	E, S, W (41, 43, 44, 46)
	R Uromyces anthyllidis	E
	R Uromyces minor	E, W (44)
T. constantinopolitanum	P Erysiphe trifoliorum	E
T. dubium	P Erysiphe trifoliorum	E, I, S, W (41-44, 46, 48, 49, 52)
	D Peronospora trifolii-arvensis	E, S, W (35, 41-44, 51)

Trifolium (cont.)

T. dubium (cont.)

	R Uromyces anthyllidis	E, S
	R Uromyces fallens	W (41)
	R Uromyces minor	E, I, W (35, 41-46, 49, 52)
T. fragiferum	R Uromyces flectens	E, W (44)
T. hybridum	P Erysiphe trifoliorum	E, W (44)
	D Peronospora trifolii-hybridi	E, S, W (50)
	R Uromyces flectens	E, W (35, 44)
	R Uromyces trifolii-repentis	E, S, W (35, 44)
T. incarnatum	P Erysiphe trifoliorum	S
	D Peronospora trifoliorum s.l.	E, S
	R Uromyces fallens	S
ssp. molinerii	R Uromyces minor	C
T. medium	P Erysiphe trifoliorum	E, S
	D Peronospora trifoliorum s.l.	E, S, W (35, 41-44, 51)
	W Phacellium trifolii	W (46)
	R Uromyces fallens	W (35)
T. micranthum	P Erysiphe trifoliorum	W (49)
	R Uromyces minor	W (52)
T. montanum	A Physoderma trifolii	?E
T. pratense	P Erysiphe pisi var. pisi	E, W (42, 46)
	P Erysiphe trifoliorum	E, S, W (35, 44-46, 49, 52)
	D Peronospora trifolii-hybridi	E, I, S, W (42, 46)
	R Uromyces fallens	E, I, S, W (35, 41-44, 46, 49-52)
	R Uromyces flectens	E, I, W (44, 46, 49)
T. repens	P Erysiphe trifoliorum	E, W (44, 46, 48)
	A Olpidium brassicae s.l.	W (46)
	D Peronospora trifoliorum s.l.	E, I, S, W (42, 43, 51)
	A Synchytrium aureum s.l.	S
	R Uromyces flectens	E, I, S, W (35, 41-44, 46, 49-51)
	R Uromyces trifolii-repentis	E, S, W (44, 50)
T. rubens 'Red Feathers'	P Erysiphe trifoliorum	W (42, 44)
T. sp.	D Peronospora trifoliorum s.l.	I, W (47)
	W Ramularia sphaeroidea	B
	R Uromyces fallens	W (51, 52)
	R Uromyces flectens	E, S, W (52)
T. strictum	P Erysiphe trifoliorum	W (42)
T. subterraneum	D Peronospora trifoliorum s.l.	E

Triglochin		
T. maritima	A Tetramyxa triglochinis	E
Trigonella		
T. caerulea	P Erysiphe trifoliorum	B
T. cretica	P Erysiphe trifoliorum	B
T. foenum-graecum	P Erysiphe trifoliorum	B
	D Peronospora trigonellae	E
T. glabra	P Erysiphe trifoliorum	B
T. sp.	P Erysiphe trifoliorum	B
Trillium		
T. kurabayashii	S Urocystis trillii	E
Tripleurospermum		
T. inodorum	S Entyloma matricariae	E, S
	D Paraperonospora leptosperma s.l.	E, I, S, W (43, 46, 52)
T. maritimum ssp. maritimum	A Ligniera junci	W (46)
	D Paraperonospora leptosperma s.l.	E, S, (44, 46, 52)
	P Podosphaera erigerontis-canadensis	W (49)
Tripolium		
T. pannonicum	P Golovinomyces asterum var. asterum	B
	P Golovinomyces cichoracearum	E, W (44, 52)
	R Puccinia asteris	E, I, S, W (41, 44, 50, 51)
	R Puccinia extensicola	E, I, S, W (41, 44-46, 48-52)
	W Ramularia asteris	E, S, W (44)
Trisetum		
T. flavescens	P Blumeria graminis s.l.	B
	R Puccinia coronati-calamagrostidis	E
	R Puccinia graminis	E
	R Puccinia triseti	E, S, W (35, 41, 44, 47, 50)
	S Tranzscheliella hypodytes	E
×Triticosecale		
×T. sp.	R Puccinia striiformis	S
Triticum		
T. aestivum	P Blumeria graminis s.s.	E, I, S, W (46)
	A Ligniera junci	W (41)
	R Puccinia graminis	E, I, S
	R Puccinia recondita	E, W (46)
	R Puccinia striiformis	E, S

Triticum (cont.)

T. aestivum (cont.)	R <i>Puccinia triticina</i>	E, S, W (46, 49)
	S <i>Tilletia caries</i>	E
	S <i>Tranzscheliella hypodytes</i>	E
	S <i>Ustilago tritici</i>	E
‘Armentier’	P <i>Blumeria graminis</i> s.s.	E
‘Cappelle’	P <i>Blumeria graminis</i> s.s.	E
	R <i>Puccinia striiformis</i>	E
‘Champlein’	P <i>Blumeria graminis</i> s.s.	E
	R <i>Puccinia striiformis</i>	E
‘Democrat’	R <i>Puccinia striiformis</i>	E
‘Eclipse’	R <i>Puccinia striiformis</i>	E
‘Grey Spelt’	R <i>Puccinia striiformis</i>	E
‘Iron’	R <i>Puccinia striiformis</i>	E
‘Iron III’	R <i>Puccinia striiformis</i>	E
‘Joss Camb’	R <i>Puccinia striiformis</i>	E
‘Jubilee’	R <i>Puccinia graminis</i> s.s.	E
‘Jufy II’	R <i>Puccinia striiformis</i>	E
‘Kloka’	P <i>Blumeria graminis</i> s.s.	E
‘Little Joss’	R <i>Puccinia striiformis</i>	E
‘Maris Beacon’	R <i>Puccinia striiformis</i>	E
‘Maris Huntsman’	P <i>Blumeria graminis</i> s.s.	E
‘Nord Desprez’	R <i>Puccinia striiformis</i>	E
‘Norka’	R <i>Puccinia striiformis</i>	E
‘Opal’	P <i>Blumeria graminis</i> s.s.	E
‘Perdix’	P <i>Blumeria graminis</i> s.s.	E
	R <i>Puccinia striiformis</i>	E
‘Ranger’	P <i>Blumeria graminis</i> s.s.	E
‘Red Marvel’	R <i>Puccinia striiformis</i>	E, W (41)
‘Rivet’	R <i>Puccinia striiformis</i>	E
‘Score’	R <i>Puccinia striiformis</i>	E
‘Skyfall’	R <i>Puccinia recondita</i>	W (49)
‘Trident’	P <i>Blumeria graminis</i> s.s.	E
‘Victor’	R <i>Puccinia striiformis</i>	E
‘Viking’	R <i>Puccinia striiformis</i>	E
‘Vilmorin’	R <i>Puccinia striiformis</i>	E
‘Vilmorin 23’	R <i>Puccinia striiformis</i>	E
‘Wilhelmina’	R <i>Puccinia striiformis</i>	E
T. sp.	A <i>Cladochytrium aurantiacum</i>	W (41)
	A <i>Polymyxa graminis</i>	?
	R <i>Puccinia graminis</i>	S
	R <i>Puccinia striiformis</i>	W (46)
	S <i>Tilletia caries</i>	E, I, W (41, 46, 47)
	S <i>Ustilago tritici</i>	E, I, S, W (49, 52)

Triticum (cont.)

T. spelta	P Blumeria graminis s.s.	E
T. turgidum	R Puccinia graminis s.s.	B
	R Puccinia striiformis	E, S, W (41)
	R Puccinia triticina	S

Triticum × Elymus

T. × E.	P Blumeria graminis	W (49)
---------	---------------------	--------

Trollius

T. × cultorum	S Urocystis trollii	E
T. cv.	S Urocystis trollii	E, W (41, 51)
T. europaeus	S Urocystis trollii	W (42)
T. sp.	S Urocystis trollii	E, S

Tropaeolum

T. canariense	R Coleosporium sp.	E
T. majus	R Coleosporium sp.	E
	R Cronartium flaccidum	E
T. minus	R Cronartium flaccidum	E
T. peregrinum	R Coleosporium sp.	E

Tuberaria

T. guttata	P Podosphaera helianthemii	B
------------	----------------------------	---

Tulipa

T. australis*	R Puccinia prostii	E
T. saxatilis	S Vankya heufleri	E
T. sp.	A Olpidium sp.	E
*	R Puccinia prostii	E
T. sylvestris var. odorata*	R Puccinia prostii	S

Tussilago

T. farfara	R Coleosporium tussilaginis	E, I, S, W (35, 41-44, 46-52)
	P Golovinomyces senecionis	E, W (50)
	R Puccinia poarum	E, I, S, W (35, 41-52)
	W Ramularia brunnea	E
	W Ramularia coleosporii	E

Ulex

U. europaeus	P Oidium sp.	W (49)
	R Uromyces ulicis	S, W (46)
U. gallii	P Oidium sp.	W (46)
	R Uromyces ulicis	S, W (46)
U. minor	S Thecaphora ulicis	E

Ulmus

U. glabra	P Erysiphe ulmi	E
	A Taphrina ulmi	E
U. × hollandica	P Erysiphe ulmi	W (44)
	A Taphrina ulmi	W (46)
U. minor agg.	P Erysiphe ulmi	E
U. procera	P Erysiphe ulmi	E, W (44)
	A Taphrina ulmi	E
U. sp.	A Taphrina ulmi	E, W (49, 51, 52)

Umbilicus

U. rupestris	R Puccinia umbilici	E, I, S, W (35, 41-46, 48-50, 52)
--------------	---------------------	--------------------------------------

Urtica

U. dioica	P Erysiphe urticae	E, I, S, W (35, 41-44, 46-51)
	D Pseudoperonospora urticae	E, I, S, W (35, 41, 46, 47, 51)
	R Puccinia urticata s.l.	E, I, S, W (35, 41-52)
	W Ramularia urticae	E, I, S, W (35, 41-52)
U. urens	D Peronospora debaryi	E, S
	A Polymyxa betae	E
	R Puccinia urticata s.l.	E
	W Ramularia urticae	W (43)

Vaccinium

V. corymbosum	R Pucciniastrum minimum	S
*	R Thekopsora goeppertiana	E
V. × intermedium	R Naohidemycetes vacciniorum	W (46)
V. microcarpum	S Exobasidium rostrupii	S
V. myrtilillus	S Exobasidium arescens	S, W (48-51)
	S Exobasidium myrtili	E, I, S, W (35, 42-44, 46-51)
	R Naohidemycetes vacciniorum	E, I, S, W (35, 41-52)
	P Podosphaera myrtilina var. myrtilina	E, I, S, W (35, 42, 43, 46, 48-51)
V. oxycoccos	S Exobasidium oxycocci	E, I, S, W (46, 48-50)
	S Exobasidium rostrupii	E, I, S, W (41-43, 46-51)
	R Naohidemycetes vacciniorum	E, W (42, 44, 46, 49)
V. sp.	R Naohidemycetes vacciniorum	W (49)
V. uliginosum	S Exobasidium expansum	S
	S Exobasidium pachysporum	E
	R Naohidemycetes vacciniorum	S
V. vitis-idaea	S Exobasidium juelianum	E, S, W (50, 51)
	S Exobasidium splendidum	S

Vaccinium

<i>V. vitis-idaea</i> (cont.)	S	Exobasidium vaccinii	E, I, S, W (43, 46-48, 50, 51)
	R	Naohidemycetes vacciniorum	E, S, W (35, 42-44, 46-49)
	R	Thekopsora goeppertiana	E, S

Valeriana

<i>V. dioica</i>	P	Golovinomyces orontii	W (44)
	W	Ramularia valerianae var. valerianae	E, W (43)
	R	Uromyces valerianae	E, S, W (35, 42-44)
<i>V. officinalis</i>	P	Golovinomyces orontii	E, S, W (43, 44, 46, 47, 52)
	D	Peronospora valerianae	E, S, W (42, 49, 52)
	R	Puccinia commutata	E, S, W (41-43, 45-47, 49, 52)
	W	Ramularia valerianae var. valerianae	E, I, S, W (41-44, 46, 52)
	R	Uromyces valerianae	E, I, S, W (35, 41-49, 52)
ssp. sambucifolia	R	Puccinia commutata	B
	R	Uromyces valerianae	E, I, W (46)
<i>V. phu</i>	P	Golovinomyces orontii	E, W (46)
<i>V. pyrenaica</i>	P	Golovinomyces orontii	E, W (42, 44)

Valerianella

<i>V. carinata</i>	P	Golovinomyces orontii	E, W (43, 44, 46, 49, 52)
	D	Peronospora valerianellae	E, W (41, 46, 49)
<i>V. locusta</i>	D	Peronospora valerianellae	E, S, W (46)
var. locusta	P	Golovinomyces orontii	E, W (46)
var. oleracea	P	Golovinomyces orontii	W (46)

Verbascum

<i>V. chaixii</i>			
'Album'	P	Golovinomyces verbasci	E
cv.	P	Golovinomyces verbasci	W (46)
<i>V. cv.</i>	P	Golovinomyces verbasci	W (46)
'Dark Eyes'	P	Golovinomyces verbasci	W (49)
<i>V. densiflorum</i>	D	Peronospora verbasci	E
	W	Ramularia digitalis	E
<i>V. nigrum</i>	P	Golovinomyces verbasci	E, S, W (42-44, 46-49, 52)
	P	Leveillula verbasci	E
	D	Peronospora verbasci	E
	W	Ramularia digitalis	E

Verbascum (cont.)

<i>V. olympicum</i>	P Golovinomyces verbasci	E
	P Leveillula verbasci	E
<i>V. phlomoides</i>	P Golovinomyces verbasci	B
<i>V. pulverulentum</i>	P Golovinomyces verbasci	E
<i>V. × semialbum</i>	P Golovinomyces verbasci	W (48)
<i>V. sp.</i>	P Golovinomyces verbasci	E, W (35, 41, 44-52)
<i>V. thapsus</i>	P Golovinomyces verbasci	E, I, S, W (35, 41-44, 46-51)
	P Leveillula verbasci	E, S, W (45, 49)
	D Peronospora verbasci	E
	WRamularia digitalis	W (42, 43)
<i>V. virgatum</i>	P Golovinomyces verbasci	E

Verbena

<i>V. bonariensis</i>	P Golovinomyces orontii	E, I, W (35, 44, 46, 48)
	P Golovinomyces verbenae	E, I
	P Podosphaera xanthii	E
<i>V. hastata</i>	D Peronospora verbenae	W (43, 44)
<i>V. × hybrida</i>	P Golovinomyces orontii	E
	P Golovinomyces verbenae	W (44)
	P Podosphaera xanthii	E
<i>V. lasiostachys</i>	P Golovinomyces verbenae	B
<i>V. macdougallii</i>	P Golovinomyces verbenae	B
<i>V. officinalis</i>	P Golovinomyces orontii	E
	D Peronospora verbenae	E, W (44, 46)
	P Podosphaera xanthii	E
<i>V. sp.</i>	P Golovinomyces verbenae	E, S
<i>V. stricta</i>	P Golovinomyces verbenae	B
<i>V. 'Voodoo Red Star'</i>	P Golovinomyces verbenae	W (46)

Veronica

<i>V. agrestis</i>	D Peronospora agrestis	E, S, W (43)
	P Podosphaera fuliginea	E, W (43)
	WRamularia veronicae	W (42, 43)
<i>V. alpina</i>	R Puccinia albulensis	S
<i>V. anagallis-aquatica</i>	WRamularia beccabungae	E, I, S
<i>V. arvensis</i>	P Golovinomyces orontii	E
	D Peronospora agrestis	E, W (42, 43, 46, 49, 50)
	P Podosphaera fuliginea	E, S, W (44)
	R Puccinia veronicae	E
	WRamularia veronicae	E, W (42, 43, 52)
	A Sorosphaerula veronicae	E, S
<i>V. austriaca</i>	P Podosphaera fuliginea	B
	WRamularia coccinea	E

Veronica (cont.)

<i>V. austriaca</i> ssp. <i>teucrium</i>	P <i>Podosphaera fuliginea</i>	B
<i>V. beccabunga</i>	A <i>Ligniera junci</i>	E
	A <i>Olpidium brassicae</i> s.l.	E
	D <i>Peronospora grisea</i>	E, I, S, W (42-50, 52)
	W <i>Ramularia beccabungae</i>	E, I, S
<i>V. catenata</i>	D <i>Peronospora aquatica</i>	E
	A <i>Sorosphaerula veronicae</i>	E
<i>V. chamaedrys</i>	P <i>Golovinomyces orontii</i>	E, W (44, 46, 49, 52)
	A <i>Olpidium brassicae</i> s.l.	W (46)
	D <i>Peronospora agrestis</i>	E, S, W (46, 49, 50)
	P <i>Podosphaera fuliginea</i>	E, S, W (44, 46)
	W <i>Ramularia chamaedryos</i>	E, I, W (35, 42-46, 48, 51, 52)
	W <i>Ramularia coccinea</i>	E, S, W (46)
<i>V. chamaedrys?</i>	A <i>Sorosphaerula veronicae</i>	E
	R <i>Puccinia veronicae</i>	E
<i>V. exaltata</i>	P <i>Podosphaera fuliginea</i>	B
<i>V. filiformis</i>	D <i>Peronospora agrestis</i>	E, S, W (41)
	A <i>Sorosphaerula veronicae</i>	E
<i>V. × franciscana</i>	P <i>Golovinomyces orontii</i>	B
<i>V. gentianoides</i>	P <i>Podosphaera fuliginea</i>	B
<i>V. hederifolia</i> ssp. <i>hederifolia</i>	D <i>Peronospora arvensis</i>	E, W (42-52)
	A <i>Olpidium brassicae</i> s.l.	W (46)
<i>V. longifolia</i>	P <i>Podosphaera fuliginea</i>	E, S, W (46)
<i>V. montana</i>	A <i>Olpidium brassicae</i> s.l.	W (44)
	D <i>Peronospora grisea</i>	I, W (35, 44)
	P <i>Podosphaera fuliginea</i>	E
	R <i>Puccinia veronicae</i>	E, I, S, W (35, 41-52)
	W <i>Ramularia chamaedryos?</i>	W (45, 48)
	W <i>Ramularia coccinea</i>	W (43, 44)
	W <i>Ramularia veronicae</i>	E, S, W (41-44, 51)
	A <i>Olpidium brassicae</i> s.l.	W (46)
<i>V. officinalis</i>	D <i>Peronospora grisea</i>	S
	W <i>Ramularia coccinea</i>	I
	P <i>Podosphaera fuliginea</i>	B
<i>V. orchidea</i>	P <i>Golovinomyces orontii</i>	E, W (44, 49)
	D <i>Peronospora agrestis</i>	E, W (43, 45, 48, 49)
	P <i>Podosphaera fuliginea</i>	W (48)
	R <i>Puccinia veronicae</i>	E, W (43)
	W <i>Ramularia veronicae</i>	E, W (35, 42-44, 46, 48, 49)
<i>V. polita</i>	P <i>Golovinomyces orontii</i>	E
	D <i>Peronospora agrestis</i>	E

Veronica (cont.)

V. polita (cont.)	P Podosphaera fuliginea	W (44)
V. subgen. Pseudoveronica (Hebe) sp.	D Peronospora grisea	E, W (48, 49, 52)
V. serpyllifolia	S Entyloma veronicae	E
	D Peronospora grisea	E, I, S, W (35, 41-50, 52)
	P Podosphaera fuliginea	E
V. sp.	P Podosphaera fuliginea	E, S
V. speciosa	P Golovinomyces orontii	B
V. spicata	P Podosphaera fuliginea	E, S, W (42, 44)
	R Puccinia veronicae-longifoliae	E, W (50)
V. spuria	P Podosphaera fuliginea	B
V. 'Sunset Boulevard'	D Peronospora grisea	E
V. teucrium	P Golovinomyces orontii	E

Veronicastrum

V. virginicum	P Podosphaera fuliginea	B
---------------	-------------------------	---

Viburnum

V. lantana	P Erysiphe viburni	E, W (49-52)
V. opulus	P Erysiphe viburni	E, I, S, W (35, 42-44, 46-50, 52)
'Roseum'	P Erysiphe viburni	W (42)
V. sargentii 'Onondaga'	P Erysiphe viburni	W (42)
V. tinus	P Erysiphe viburniphila	E
	P Erysiphe viburni s.l.	E, S, W (46, 50)

Vicia

V. bythinica	R Uromyces viciae-fabae	E
V. cracca	P Erysiphe baeumleri	E, S, W (35, 42, 46)
	D Peronospora mayorii	E, S, W (49)
	R Uromyces viciae-fabae	E, I, S, W (35, 41-46, 49-52)
V. faba	P Erysiphe pisi var. pisi	E
	D Peronospora fabae	E
	R Uromyces viciae-fabae	E, I, S, W (41-50, 52)
V. lathyroides	D Peronospora viciae	W (46)
	R Uromyces viciae-fabae	S, W (48)
V. lutea	R Uromyces viciae-fabae	E
V. orobus	D Peronospora viciae s.l.	W (43)
V. sativa	P Erysiphe pisi var. pisi	E, W (35, 47)
	D Peronospora viciae	E, S, W (44)
	R Uromyces viciae-fabae	E, I, S, W (41, 43, 44, 46, 48-52)

Vicia (cont.)		
ssp. nigra	P Erysiphe pisi var. pisi	W (46)
	D Peronospora viciae	E, S, W (41, 43-46, 49, 52)
	R Uromyces viciae-fabae	E, W (44, 46, 51)
ssp. sativa	R Uromyces viciae-fabae	E
ssp. segetalis	D Peronospora viciae	E, S, W (41-47, 49, 52)
	R Uromyces viciae-fabae	W (43-46)
V. sepium	P Erysiphe pisi var. pisi	E, I, S, W (43-45)
	D Peronospora sepium	E, I, S, W (35, 41-44, 46, 49-51)
	R Uromyces viciae-fabae	E, I, S, W (35, 41-44, 46, 47, 49-52)
V. villosa	P Erysiphe pisi var. pisi	B
Vinca		
V. major	P Golovinomyces orontii	S
	P Golovinomyces vincae	E, W (35, 42, 48-50)
	P Pseudoidium vincae	E, W (41)
	R Puccinia vincae	E, I, W (35, 41-52)
'Variegata'	P Golovinomyces vincae	E, W (49)
	R Puccinia vincae	W (41-44, 46, 49, 52)
V. minor	P Golovinomyces vincae	S
?	R Puccinia vincae	E
V. sp.	R Puccinia vincae	E, S, W (47)
Vincetoxicum		
V. nigrum	R Cronartium flaccidum	E
V. officinale	R Cronartium flaccidum	S
Viola		
V. arvensis	P Golovinomyces orontii	E
	D Peronospora violae	E, S, W (43, 44, 46, 50)
	W Ramularia agrestis var. agrestis	W (46)
	W Ramularia agrestis var. deflectens	E, S, W (46)
V. × burnatii	R Puccinia violae	E
V. canina	W Ramularia lactea	E, I, S
	A Synchytrium globosum	W (?)
ssp. canina	D Peronospora violae	E
	R Puccinia violae	E, S, I, W (41, 44-46, 48-50, 52)
V. cornuta	R Puccinia violae	E, I
'Rocky'	P Golovinomyces orontii	E
V. cv.	R Puccinia violae	E, S, W (43, 44)
V. hirta	R Puccinia violae	E, I, S, W (44, 49)
	W Ramularia lactea	E

Viola (cont.)

<i>V. hirta</i> (cont.)	S <i>Urocystis violae</i>	E
ssp. <i>calcareo</i>	R <i>Puccinia violae</i>	E
<i>V. × intersita</i>	R <i>Puccinia violae</i>	S, W (46)
<i>V. 'John Quartin'</i>	R <i>Puccinia violae</i>	E
<i>V. lactea</i>	W <i>Ramularia lactea</i>	S
<i>V. lactea × riviniana</i>	R <i>Puccinia violae</i>	W (46)
<i>V. lutea</i>	R <i>Puccinia violae</i>	S
<i>V. odorata</i>	D <i>Peronospora violae</i>	E
	R <i>Puccinia violae</i>	E, I, S, W (43, 50-52)
	W <i>Ramularia lactea</i>	E, I, W (35, 43, 49)
	S <i>Urocystis violae</i>	E, I
cv.	R <i>Puccinia violae</i>	E, S
<i>V. palustris</i>	D <i>Peronospora violae</i>	S
	R <i>Puccinia fergussonii</i>	E, S, W (41-44, 46, 48, 49, 52)
ssp. <i>palustris</i>	R <i>Puccinia fergussonii</i>	W (46, 49)
<i>V. reichenbachiana</i>	D <i>Peronospora violae</i>	E
	R <i>Puccinia violae</i>	E, I, W (35, 43, 44, 52)
	W <i>Ramularia lactea</i>	E, I, S
<i>V. riviniana</i>	D <i>Peronospora violae</i>	E, W (44, 52)
	R <i>Puccinia violae</i>	E, I, S, W (35, 41-52)
	W <i>Ramularia lactea</i>	E, I, S, W (35, 42-52)
	S <i>Urocystis violae</i>	E, I, S, W (43, 45, 46, 49, 50)
'Purpurea Group'	R <i>Puccinia violae</i>	W (43, 46)
	W <i>Ramularia lactea</i>	E, W (43)
<i>V. × scabra</i>	R <i>Puccinia violae</i>	S
<i>V. sp.</i>	P <i>Golovinomyces orontii</i>	E, W (49)
	D <i>Peronospora violae</i>	W (47)
	R <i>Puccinia violae</i>	E, I, S, W (35, 41-43, 47-51)
	W <i>Ramularia lactea</i>	E, I, S
	S <i>Urocystis violae</i>	E, W (47)
<i>V. tricolor</i>	P <i>Golovinomyces orontii</i>	E, S
	D <i>Peronospora violae</i>	E, S
	R <i>Puccinia violae</i>	E, W (41, 52)
	W <i>Ramularia agrestis</i> var. <i>agrestis</i>	E, S
cv.	R <i>Puccinia violae</i>	S
ssp. <i>curtisii</i>	R <i>Puccinia violae</i>	S, W (41)
<i>V. × wittrockiana</i>	P <i>Golovinomyces orontii</i>	E, W (43, 46, 49)
	D <i>Peronospora violae</i>	E
	W <i>Ramularia agrestis</i> var. <i>agrestis</i>	E, I, W (35, 42, 43, 46, 49, 50)
	W <i>Ramularia agrestis</i> var. <i>deflectens</i>	E

Vitis

<i>V. acerifolia</i>	P	<i>Erysiphe necator</i> var. <i>necator</i>	B
<i>V. aestivalis</i>	P	<i>Erysiphe necator</i> var. <i>necator</i>	E
<i>V. amurensis</i>	P	<i>Erysiphe necator</i> var. <i>necator</i>	B
<i>V. belaii</i>	P	<i>Erysiphe necator</i> var. <i>necator</i>	B
<i>V. berlandieri</i>	P	<i>Erysiphe necator</i> var. <i>necator</i>	B
<i>V. californica</i>	P	<i>Erysiphe necator</i> var. <i>necator</i>	B
<i>V. cinerea</i>	P	<i>Erysiphe necator</i> var. <i>necator</i>	B
<i>V. coignetiae</i>	D	<i>Plasmopara viticola</i>	E
<i>V. davidii</i>	P	<i>Erysiphe necator</i> var. <i>necator</i>	B
<i>V. flexuosa</i> var. <i>rufotomentosa</i>			
	P	<i>Erysiphe necator</i> var. <i>necator</i>	B
<i>V. palmata</i>	P	<i>Erysiphe necator</i> var. <i>necator</i>	B
<i>V. riparia</i>	P	<i>Erysiphe necator</i> var. <i>necator</i>	B
<i>V. sp.</i>	P	<i>Erysiphe necator</i> var. <i>necator</i>	E, W (41, 44, 50, 51)
<i>V. vinifera</i>	P	<i>Erysiphe necator</i> var. <i>necator</i>	E, S, W (35, 42, 43, 46, 47, 49-51)
	D	<i>Plasmopara viticola</i>	E, W (35)
'Purpurea'	P	<i>Erysiphe necator</i> var. <i>necator</i>	E
	D	<i>Plasmopara viticola</i>	E, W (47)
<i>V. vulpina</i>	P	<i>Erysiphe necator</i> var. <i>necator</i>	B
<i>V. wilsoniae</i>	P	<i>Erysiphe necator</i> var. <i>necator</i>	B

Vulpia

<i>V. bromoides</i>	R	<i>Puccinia vulpiana</i>	E, W (35, 42-44, 46, 47, 49, 52)
<i>Vulpia myuros</i>	R	<i>Puccinia vulpiana</i>	E, W (43, 44, 46)

Wisteria

<i>W. brachybotrys</i>	P	<i>Erysiphe alphitoides</i>	E
<i>W. frutescens</i>	P	<i>Erysiphe alphitoides</i>	E
<i>W. sinensis</i>	P	<i>Erysiphe alphitoides</i>	E
	P	<i>Erysiphe trifoliorum</i>	B
<i>W. sp.</i>	P	<i>Erysiphe trifoliorum</i>	B

Xanthium

<i>X. sp.</i>	W	<i>Ramularia xanthii</i>	E
---------------	---	--------------------------	---

Zannichellia

<i>Z. palustris</i>	A	<i>Tetramyxa parasitica</i>	E
---------------------	---	-----------------------------	---

Zauschneria

<i>Z. sp.</i>	R	<i>Pucciniastrum epilobii</i>	E
---------------	---	-------------------------------	---

Zea

Z. mays	R Puccinia sorghi	E, W (41, 46)
	S Ustilago maydis	E, W (49)
Z. mexicana	R Puccinia sorghi	B

Zinnia

Z. elegans	P Golovinomyces spadicus	B
Z. sp.	P Golovinomyces spadicus	B

Zostera

Z. noltei	A Plasmodiophora bicaudata	E
-----------	----------------------------	---

Table of Parasites and their Hosts

Alphabetical by Parasite

Aecidium pseudocolumnare R

<i>Abies alba</i>	E, I, S, W (46)
<i>Abies amabilis</i>	B
<i>Abies cephalonica</i>	B
<i>Abies concolor</i>	E
<i>Abies grandis</i>	B, W (48)
<i>Abies nordmanniana</i>	B
<i>Abies pectinata</i>	B
<i>Abies procera</i>	S

Aecidium thalictri R

<i>Thalictrum flavum</i>	E, W (41, 44, 46)
<i>Thalictrum minus</i>	E
<i>Thalictrum minus</i> ssp. <i>arenarium</i>	S

Albugo candida s.l. D

<i>Alliaria petiolata</i>	E
<i>Arabidopsis thaliana</i>	E, S, W (35, 42-44, 46-50)
<i>Armoracia rusticana</i>	E
<i>Aurinaria saxatilis</i>	E, S, W (46)
<i>Barbarea intermedia</i>	W (49)
<i>Barbarea verna</i>	W (46, 49)
<i>Barbarea vulgaris</i>	E, I
<i>Brassica nigra</i>	E
<i>Brassica oleracea</i>	E, I
<i>Brassica oleracea</i> var. <i>botrytis</i>	E, S, W (46, 49)
<i>Brassica oleracea</i> var. <i>capitata</i>	E, W (49)
<i>Brassica oleracea</i> var. <i>gemmifera</i>	E, W (46)
<i>Brassica oleracea</i> var. <i>italica</i>	W (49, 52)
<i>Brassica oleracea</i> var. <i>viridis</i>	W (46)
<i>Brassica rapa</i>	I, W (43)
<i>Brassica rapa</i> ssp. <i>campestris</i>	W (46, 49, 52)
<i>Cakile maritima</i>	W (44, 46, 49, 52)
<i>Cardamine amara</i>	E, W (44)
<i>Cardamine flexuosa</i>	E, S, W (35, 41-46, 48-50, 52)
<i>Cardamine impatiens</i>	E
<i>Cochlearia danica</i>	E, S, W (44, 46, 49)
<i>Cochlearia officinalis</i>	I, S, W (44, 46, 49, 52)
<i>Diplotaxis tenuifolia</i>	E, W (44)
<i>Eruca vesicaria</i>	E
<i>Erysimum cheiri</i>	E

Albugo candida s.l. D (cont.)

Hesperis matronalis	W (49)
Hirschfeldia incana	E, W (46)
Lobularia maritima	E, W (42, 46, 49)
Lunaria annua	E, S, W (35, 41-44, 46, 49, 52)
Lunaria rediviva	W (42)
Matthiola sp.	E
Noccaea caerulescens	E
Raphanus raphanistrum ssp. maritimus	S, W (41, 44, 46, 49, 52)
Raphanus raphanistrum ssp. raphanistrum	W (44)
Raphanus sativus	W (46)
Sinapis alba	E
Sinapis arvensis	E, W (49)
Sisymbrium altissimum	E
Sisymbrium officinale	E, I, S, W (44, 46, 49, 50, 52)
Sisymbrium orientale	E
Tarenaya hassleriana	E
Teesdalia nudicaulis	W (43)
Thlaspi arvense	E

Albugo candida s.s. D

Arabidopsis thaliana	W (43, 44, 46)
Arabis alpina	W (46)
Arabis caucasica	E, W (43, 45, 46, 50)
Arabis hirsuta	E, I, W (44)
Aubrieta deltoidea	E, W (35, 43, 46, 49, 50, 52)
Capsella bursa-pastoris	E, I, W (35, 41-50, 52)
Draba incana	S
Erophila glabrescens	W (35, 52)
Erophila verna	E, W (42, 43, 46, 47, 49)

Albugo capparis D

Capparis spinosa	E
------------------	---

Albugo hohenheimia D

Cardamine hirsuta	E, I, S, W (35, 41-49, 52)
-------------------	----------------------------

Albugo laibachii D

Arabidopsis thaliana	E, W (42, 43, 46-49, 51)
----------------------	--------------------------

Albugo leimonica D

Cardamine pratensis	E, S, W (43, 44, 46, 49, 52)
---------------------	------------------------------

Albugo lepidii D

Lepidium coronopus	E, I
Lepidium latifolium	E

Albugo lepigoni D	
Spergularia marina	E, S, W (35, 41, 44, 46, 49, 52)
Spergularia media	E, S, W (44, 46, 48, 49, 52)
Spergularia rubra	W (46)
Spergularia rupicola	I, W (46, 49, 52)
Spergularia sp.	I, W (48, 49, 52)
Albugo rorippae D	
Rorippa amphibia	E
Rorippa islandica	W (46)
Rorippa palustris	W (42, 44, 46)
Rorippa sylvestris	E
Albugo trianthemae D	
Delosperma cooperi	E
Lampranthus roseus	E
Lampranthus sp.	E
Lampranthus spectabilis	E
Antherospora hortensis S	
Muscari armeniacum	E, W (41-47)
Muscari botryoides	W (46)
Muscari sp.	W (51)
Antherospora scillae S	
Scilla bifolia	E
Scilla luciliae	E
Scilla sardensis	E
Antherospora tractemae S	
Scilla forbesii	E
Scilla verna	E, I, S, W (41, 45, 46, 52)
Anthracoidea arenariae S	
Carex arenaria	E, I, S, W (41, 44-46, 48, 49, 51, 52)
Anthracoidea bigelowii S	
Carex bigelowii	S
Carex × decolorans	S
Anthracoidea capillaris S	
Carex capillaris	S
Anthracoidea caricis S	
Carex pilulifera	S, W (44)
Anthracoidea caryophylleae S	
Carex caryophyllea	S

Anthracoidea heterospora	S
Carex recta	S
Anthracoidea hostianae	S
Carex hostiana	S
Anthracoidea inclusa	S
Carex rostrata	S
Carex vesicaria	S
Carex × involuta	S
Anthracoidea karii	S
Carex canescens	S
Carex echinata	I, S
Anthracoidea lasiocarpae	S
Carex lasiocarpa	S
Anthracoidea limosa	S
Carex limosa	S
Anthracoidea paniceae	S
Carex panicea	E, I, S, W (46, 50)
Anthracoidea pratensis	S
Carex flacca	E, I, S, W (50, 52)
Anthracoidea pseudirregularis	S
Carex pallescens	S
Anthracoidea pulicaris	S
Carex pulicaris	E, S
Anthracoidea scirpi	S
Trichophorum cespitosum agg.	S
Trichophorum × foersteri	S
Anthracoidea subinclusa	S
Carex hirta	E
Carex lasiocarpa	E
Carex riparia	E, I, S, W (44)
Carex rostrata	S
Anthracoidea turfosa	S
Carex dioica	S
Carex pulicaris	S
Anthracoidea vankyi	S
Carex muricata ssp. pairae	S

Arcticomyces warmingii S	
Saxifraga oppositifolia	S
Arthrocladiella mougeotii P	
Lycium barbarum	E, W (43-46, 49, 50)
Lycium chinense	E, W (48, 50, 51)
Lycium sp.	E, I, S
Basidiophora entospora D	
Erigeron canadensis	E
Bauerago vuyckii S	
Luzula campestris	E
Blumeria avenae P	
Avena fatua	B
Avena sativa	E, I, S, W (43, 46, 49)
'Blenda'	E
'Condor'	E
'Maris Beacon'	E
'Maris Osprey'	E
'Maris Quest'	E
'Maris Ranger'	E
'Penarth'	E
Avena sterilis ssp. ludoviciana	W (46)
Avena strigosa	S
Blumeria bulbiger P	
Anisantha sterilis	I, W (44, 46, 47, 49)
Bromus adoensis	B
Bromus briziformis	B
Bromus fibrosus	B
Bromus hordeaceus	E, I, S, W (35, 43, 44, 46, 51)
Bromus interruptus	W (42)
Bromus japonicus	B
Bromus kalmii	B
Bromus × pseudothominei	W (41)
Bromus racemosus	E, W (35, 43)
Bromus sp.	B, W (45, 49)
Blumeria dactylidis P	
Anthoxanthum odoratum	I, S, W (35, 44, 46)
Dactylis glomerata	E, I, S, W (35, 42-44, 46, 47, 49)
Hordeum distichon	E, W (46)
Hordeum murinum	E, W (35)
Hordeum sp.	S
Hordeum vulgare	E, S

Blumeria dactylidis P (cont.)

Hordeum cv.	S, W (49)
'Ark Royal'	E
'Athos'	E
'Cambrinus'	E
'Deba Abed'	E
'Europa'	E
'Impala'	E
'Julia'	E
'Maris Otter'	E
'Proctor'	E
'Rika'	E
'Sonja'	E
'Sultan'	E
'Swallow'	E
'Zephyr'	E
Lolium multiflorum	B
Lolium perenne	E, S, W (44, 46, 52)

Blumeria graminicola P

Agrostis capillaris	W (41, 44)
Agrostis sp.	E, W (42)
Agrostis stolonifera	B
Holcus lanatus	E, S, W (44)
Holcus mollis	E
Poa annua	B
Poa humilis	S, W (46)
Poa nemoralis	E, W (35)
Poa pratensis s.l.	E, W (35)
Poa pratensis s.s.	E, W (41, 46)
Poa sp.	S
Poa trivialis	E, W (35, 42-44, 46)

Blumeria graminis s.l. P

Alopecurus geniculatus	B
Alopecurus myosuroides	E
Alopecurus pratensis	E
Ammophila arenaria	E
Arrhenatherum elatius	E, S, W (41)
Arrhenatherum elatius var. bulbosum	W (44, 46)
Arrhenatherum elatius var. elatius	W (46)
Briza media	B
Bromopsis erecta	B
Bromopsis erecta ssp. condensata	B
Calamagrostis epigejos	E

Blumeria graminis s.l. P (cont.)

Catapodium marinum	W (46)
Ceratochloa carinata	B
Ceratochloa marginata	B
Cynosurus cristatus	E
Festuca ovina	B
Festuca rubra	S, W (35)
Festuca rubra ssp. commutata	E
Festuca rubra ssp. rubra	W (35, 44, 46)
Hordelymus europaeus	E
Koeleria macrantha	B
Leymus arenarius	B
Lolium temulentum	B
Molinia caerulea	E
Parapholis sp.	E
Phalaris arundinacea	E
Phleum pratense	B
Schedonorus arundinaceus	E, W (44)
Schedonorus giganteus	E
Schedonorus pratensis	W (44)
Trisetum flavescens	B

Blumeria graminis s.s. P

Brachypodium sylvaticum	E, W (44)
Deschampsia cespitosa ssp. cespitosa	E, S, W (46)
Elymus athericus	W (44)
Elymus caninus	B
Elymus junceiformis	S
Elymus repens	E, S, W (35, 41-44, 46, 49)
Milium effusum	E, W (35, 44)
'Aureum'	W (46)
Secale cereale	E
Triticum aestivum	E, I, S, W (46)
'Armentier'	E
'Cappelle'	E
'Champlein'	E
'Kloka'	E
'Maris Huntsman'	E
'Opal'	E
'Perdix'	E
'Ranger'	E
'Trident'	E
Triticum spelta	E
Triticum turgidum	B
Triticum × Elymus	W (49)

Blumeria sp. P

Deschampsia cespitosa ssp. *cespitosa* E, S, W (46)

Bremia centaureae D

Centaurea nigra E, I, S, W (43, 44, 46, 48-50)

Bremia cirsi D

Carduus crispus ssp. *multiflorus* E

Cirsium arvense E, S, W (42, 49)

Cirsium palustre E, S, W (49)

Cirsium rivulare cv. W (42)

Cirsium vulgare E, S, W (42, 43, 46, 49, 50, 52)

Bremia lactucae s.l. D

Arctium lappa E

Centaurea cyanus E

Centaurea scabiosa E, S

Crepis capillaris E, W (43, 49)

Crepis paludosa S

Crepis vesicaria ssp. *taraxacifolia* E

Cynara cardunculus E

Doronicum sp. E

Gaillardia sp. E, S

Glebionis segetum E

Helichrysum sp. E, S

Helminthotheca echioides E

Hieracium sp. E, W (49)

Hypochaeris maculata E

Hypochaeris radicata E, S, W (42, 44)

Pericallis × *hybrida* E, S

Pilosella aurantiaca W (42, 48)

Pilosella aurantiaca ssp. *carpathicola* W (35, 43, 46, 49)

Scorzoneroides autumnalis S

Bremia lactucae s.s. D

Lactuca sativa E, I, S, W (35, 41, 43-47, 49, 50, 52)

Lactuca serriola E, W (43)

Lactuca virosa E

Mycelis muralis E

Bremia lapsanae D

Lapsana communis ssp. *communis* E, I, S, W (42-47, 50, 51)

Bremia stellata D

Sonchus arvensis E, I, S, W (48)

Sonchus asper E, S, W (35, 42, 43, 46, 47, 49, 52)

Sonchus oleraceus E, I, S, W (35, 43, 48, 49)

Bremia taraxaci D	
Taraxacum sp.	E, S, W (46)
Bremia tulasnei D	
Jacobaea aquatica	I, W (43, 51)
Jacobaea erucifolia	E
Jacobaea maritima	E, S
Jacobaea vulgaris	E, I, S, W (44, 49-51)
Senecio elegans	S
Senecio sylvaticus	S
Senecio vulgaris	E, I, S, W (35, 42, 43, 47-49)
Buerenia inundata A	
Helosciadium inundatum	I
Helosciadium nodiflorum	E, I, S, W, (41-46, 49, 51, 52)
Ceratobasidium anceps A	
Pteridium aquilinum	E, I, S
Chrysomyxa abietis R	
Picea abies	E, S, W (44, 46)
'Pendula'	B
Picea rubens	S
Picea sitchensis	S
Picea sp.	I, S
Chrysomyxa empetri R	
Empetrum nigrum	E, S, W (48-50)
Empetrum nigrum ssp. hermaphroditum	E, S, W (49)
Empetrum nigrum ssp. nigrum	S, W (35, 41, 42, 44, 46, 48, 49)
Chrysomyxa ledicola R	
Ledum groenlandicum*	B
Chrysomyxa pyrolata R	
Pyrola minor	E, S
Pyrola rotundifolia	E, S
Pyrola rotundifolia ssp. maritima	E, W (52)
Pyrola sp.	E, S
Chrysomyxa rhododendri R	
Picea abies	S
'Acrocona'	S
'Argentea'	S
'Humilis'	S
'Nidiformis'	S
'Ohlendorffii'	S
'Procumbens'	S

Chrysomyxa rhododendri R (cont.)

<i>Picea abies</i> (cont.)	
'Pumila'	S
'Pumila Glauca'	S
'Pygmaea'	S
'Pyramidata'	S
'Reflexa'	S
<i>Picea engelmannii</i>	S
<i>Picea gemmata</i>	B
<i>Picea glauca</i>	S
<i>Picea glauca</i> var. <i>albertiana</i>	S
<i>Picea omorika</i>	S
<i>Picea omorika</i> cv.	B
'Pendula'	S
<i>Picea pectinata</i>	I
<i>Picea pungens</i> 'Globosa'	S
<i>Picea retroflexa</i>	S
<i>Picea sitchensis</i>	S
<i>Picea sitchensis</i> × <i>jezoensis</i>	B
<i>Picea</i> sp.	S
<i>Picea wilsonii</i>	S
<i>Rhododendron</i> 'Anna Baldsiefen'	S
<i>Rhododendron brachyanthum</i>	S
<i>Rhododendron brachyanthum</i> ssp. <i>hypolepidotum</i>	S
<i>Rhododendron campylogynum</i>	S
<i>Rhododendron campylogynum</i> 'Salmon Pink-flowered'	S
<i>Rhododendron campylogynum</i> 'White'	S
<i>Rhododendron charitopes</i>	S
<i>Rhododendron</i> 'Chelsea'	S
<i>Rhododendron</i> 'Chikor'	S
<i>Rhododendron ciliatum</i>	S
<i>Rhododendron ciliicalyx</i> × <i>bullatum</i>	S
<i>Rhododendron ciliicalyx</i> × <i>edgeworthii</i>	S
<i>Rhododendron cinnabarinum</i>	S
<i>Rhododendron cinnabarinum</i> 'Roylei Group'	E, S
<i>Rhododendron cinnabarinum</i> ssp. <i>xanthocodon</i>	S
<i>Rhododendron</i> 'Countess of Sefton'	S
<i>Rhododendron</i> 'Curlew'	S
<i>Rhododendron dichroanthum</i>	S
<i>Rhododendron</i> 'Dora Amateis'	S
<i>Rhododendron edgeworthii</i>	S
<i>Rhododendron ferrugineum</i>	S
<i>Rhododendron flavidum</i>	S
<i>Rhododendron</i> 'Fragrantissimum'	S

Chrysomeya rhododendri R (cont.)

Rhododendron glaucophyllum	S
Rhododendron 'Gleam'	S
Rhododendron 'Golden Queen'	S
Rhododendron 'Grouse'	S
Rhododendron hirsutum	S
Rhododendron javanicum	S
Rhododendron johnstonianum	S
Rhododendron keleticum	E
Rhododendron keysii	S
Rhododendron 'Lady Chamberlain Group'	S
Rhododendron 'Lady Chamberlain Seville'	S
Rhododendron 'Lady Exbury'	S
Rhododendron 'Lady Rosebery'	S
Rhododendron 'Lady Rosebery Pink Delight'	S
Rhododendron 'Lavender Girl'	S
Rhododendron 'Leonard Messel'	S
Rhododendron lochiaie	S
Rhododendron lowndesii	S
Rhododendron ludlowii	S
Rhododendron maddenii	S
Rhododendron minus	S
Rhododendron minus 'Yellow'	S
Rhododendron 'Moonshine Supreme'	S
Rhododendron 'Mozart'	S
Rhododendron multiflorum	S
Rhododendron myrtifolium	S
Rhododendron 'Phalarope'	S
Rhododendron ponticum	I, S
Rhododendron 'Princess Alice'	S
Rhododendron racemosum	S
Rhododendron 'Razorbill'	S
Rhododendron 'Romany Chai Group'	S
Rhododendron 'Royal Flush Group'	S
Rhododendron sargentianum	S
Rhododendron sargentianum 'Yellow'	S
Rhododendron schweliense	S
Rhododendron simsii	B
Rhododendron 'Sirius'	S
Rhododendron sp.	E, S, W (44)
Rhododendron spiciformis	B
Rhododendron tephropeplum	S
Rhododendron trichocladum	S
Rhododendron trichostomum	S

Chrysomyxa rhododendri R (cont.)	
Rhododendron uniflorum	S
Rhododendron 'White Lace'	S
Rhododendron 'White Wings'	S
Cladochytrium aurantiacum A	
Avena sp.	W (41)
Triticum sp.	W (41)
Cladochytrium caespitis A	
Agrostis sp.	B
Alopecurus sp.	B
Dactylis glomerata	B
Elymus repens	B
Festuca sp.	B
Poa pratensis	E
Poaceae sp.	E
Cladochytrium replicatum A	
Elodea sp.	E
Poaceae sp.	E
Cladochytrium tenue A	
Nymphaea alba	E
Coleosporium cacaliae R	
Cacalia hastata	S
Cacalia suaveolens	B
Parasenecio hastatus	S
Synosma suaveolens	E
Coleosporium cacaliae? R	
Emilia coccinea	E
Coleosporium calendulae R	
Calendula officinalis	E, S
Coleosporium campanulae R	
Campanula carpatica var. turbinata	E
Campanula 'Elizabeth'	E
Campanula glomerata	E, S, W (51)
Campanula glomerata cv.	E
Campanula isophylla	S
Campanula latifolia	E
Campanula persicifolia	E, S, W (42, 43, 52)
Campanula persicifolia var. planiflora 'Alba'	B
Campanula punctata 'Pantaloons'	E
Campanula punctata 'Pink Chimes'	E

Coleosporium campanulae R (cont.)

Campanula rapunculoides	E
Campanula rotundifolia	E, I, S, W (35, 42-44, 46-52)
Campanula rotundifolia ssp. montana	S
Campanula rupicola 'Sarastro'	E
Campanula sp.	E, I, S
Campanula trachelium	E, I, S, W (44, 49)
Campanula trachelium cv.	E
Petromarula pinnata*	B

Coleosporium euphrasiae R

Bartsia sp.	I
Euphrasia arctica	E, S, I, W (44, 48)
Euphrasia arctica ssp. arctica	E
Euphrasia arctica ssp. borealis	S, W (44, 49, 52)
Euphrasia confusa	E, S, W (44, 52)
Euphrasia confusa × nemorosa	E, W (42, 44, 46)
Euphrasia confusa × ostendfeldii	W (44)
Euphrasia confusa × tetraquetra	W (46, 48)
Euphrasia micrantha	E, S
Euphrasia nemorosa	E, S, W (41, 42, 44-47, 49, 51))
Euphrasia nemorosa × ostenfeldii	W (44)
Euphrasia officinalis	E, I, S, W (35, 41, 43, 44)
Euphrasia officinalis ssp. anglica	W (46, 48, 52)
Euphrasia officinalis ssp. pratensis	E, I, S, W (43, 44, 49)
Euphrasia pseudokernerii	E
Euphrasia sp.	E, S, I, W (41)
Euphrasia tetraquetra	E, I, W (42, 44, 46)
Euphrasia tetraquetra × nemorosa	W (44)
Odontites vernus	E, I, S, W (35, 41, 44-47, 49, 50, 52)
Odontites vernus ssp. serotinus	E, I, W (41, 42, 44, 46, 50, 52)
Parentucellia viscosa	E, I, S, W (44, 49, 52)
Rhinanthus minor	E, I, S, W (35, 41, 42, 44, 45, 47, 49, 52)
Rhinanthus minor ssp. minor	S, W (41-44, 46, 47)
Rhinanthus minor ssp. stenophyllus	W (44)

Coleosporium melampyri R

Melampyrum arvense	E
Melampyrum pratense	E, I, S, W (42, 43, 47-49)
Melampyrum pratense ssp. pratense	W (44)
Melampyrum pratense ssp. pratense var. hians	W (44)
Melampyrum sp.	E, I, S, W (48, 49)
Melampyrum sylvaticum	S, W (49)

Coleosporium narcissi R

Narcissus poeticus	E
Narcissus sp.	E

Coleosporium petasitis R

Petasites albus	E, S, W (45)
Petasites frigidus var. palmatus	S
Petasites hybridus	E, I, S, W (35, 41-44, 46, 47, 49-52)
Petasites japonicus	E, S, W (35, 42)
Petasites paradoxus	S
Petasites pyrenaicus	E, I, W (44)
Petasites sp.	E, I, S, W (47)

Coleosporium senecionis R

Chrysanthemum carinatum	B
Delairea odorata	E
Ismelia carinata	E
Jacobaea aquatica	S
Jacobaea maritima	B, W
Pericallis × hybrida	E
Pinus sylvestris	S
Senecio candicans	S
'Angel Wings'	W (46)
Senecio cruenta	B
Senecio inaequidens	E, W (41, 44, 46, 49, 50)
Senecio minimus	W (49)
Senecio moorei	S
Senecio pulcher	E, S
Senecio sarracenicus	E
Senecio smithii	S
Senecio sp.	E, I, S, W (47)
Senecio squalidus	E, W (35, 41, 44, 49)
Senecio sylvaticus	E, S, W (42-44, 46, 47, 49)
Senecio viravira	W (50)
Senecio viscosus	S, W (43)
Senecio vulgaris	E, I, S, W (35, 42, 44-47, 50-52)
Tephrosieris palustris	E

Coleosporium sonchi R

Sonchus arvensis	E, I, S, W (42, 43, 46, 47, 49, 50, 52)
Sonchus asper	E, I, S, W (41-44, 47, 49, 50)
Sonchus oleraceus	E, I, S, W (35, 41, 44, 46, 51)
Sonchus palustris	E
Sonchus sp.	E, S

Coleosporium sp. R

Calanthe reflexa	E
Euryops evansii	B
Kleinia grandiflora	E
Tropaeolum canariense	E
Tropaeolum majus	E
Tropaeolum peregrinum	E

Coleosporium tussilaginis R

Euryops acraeus	E, S
Tussilago farfara	E, I, S, W (35, 41-44, 46-52)

Cronartium flaccidum R

Paeonia 'Archangel' × Paeonia 'Quad'	E
Paeonia 'Ballerina'	E
Paeonia 'Bowl of Beauty'	E
Paeonia 'Buckeye Belle'	E
Paeonia 'Duchesse de Nemours'	E
Paeonia 'Emporer of India'	E
Paeonia 'Flame'	E
Paeonia lactiflora 'Inspecteur Lavergne'	S
Paeonia lactiflora 'Una Howard'	S
Paeonia mascula	E
Paeonia mascula cv.	E
Paeonia sp.	E
Pinus nigra ssp. laricio	B
Pinus pinsapo	B
Pinus ponderosa	E
Pinus sp.	S
Pinus sylvestris	E, S
Tropaeolum majus	E
Tropaeolum minus	E
Vincetoxicum nigrum	E
Vincetoxicum officinale	S

Cronartium pini R

Pinus sylvestris	S
------------------	---

Cronartium quercuum R

Quercus boissieri	E
Quercus cerris	W (49)
Quercus ilex	E, W (41)
Quercus lobata	E
Quercus macranthera	E

Cronartium quercuum R (cont.)

Quercus petraea	I, W (42, 44-49)
Quercus reticulata	E
Quercus robur	E, I, S, W (44, 45)
Quercus × rosacea	W (44, 46)
Quercus sp.	E, I, W (41)

Cronartium ribicola R

Pinus aristata	B
Pinus ayacahuite	E, S
Pinus cembra	S
Pinus flexilis	E, S
Pinus griffithii	B
Pinus lambertiana	E, S
Pinus monticola	E, S
Pinus parviflora	S
Pinus sp.	E
Pinus strobus	E, S
Pinus wallichiana	E, S
Ribes alpestre	E
Ribes nigrum	E, I, S, W (35, 42-44, 46, 49, 50)
'Baldwin'	E
'Ben Gairn'	E
'Big Ben'	E
Ribes nigrum 'Mendip'	E
Ribes odoratum	E
Ribes rubrum	E
Ribes rubrum cv.	S, W (42, 43)
Ribes sanguineum	E, S
Ribes sp.	E, S
Ribes uva-crispa	E

Desmosorus oncidii R

Cattelya dowiana*	E
Oncidium aureum*	E
Oncidium cavendishianum*	E, S
Oncidium pulchellum*	E
Ornithidium sp.*	E
Spiranthes sp.	S
Spiranthes spiralis	E
Trichocentrum cavandishianum	S

Dicellomyces scirpi S

Scirpus sylvaticus	E
--------------------	---

Dietelia codiaei R	
Codiaeum variegatum*	B
Doassansia alismatis S	
Alisma plantago-aquatica	E, S
Doassansia limosellae S	
Limosella aquatica	E
Doassansia sagittariae S	
Sagittaria sagittifolia	E
Doassansiopsis hydrophila S	
Potamogeton gramineus	E
Potamogeton natans	S
Potamogeton polygonifolius	E, S, W (47)
Potamogeton sp.	E, S
Endophyllum centranthi-rubri R	
Centranthus ruber	E
Endophyllum euphorbiae-sylvaticae R	
Euphorbia amygdaloides ssp. amygdaloides	E, W (35, 47)
Endophyllum sempervivi R	
Sempervivum arachnoideum	S
Sempervivum × barbulatum	E
Sempervivum calcareum	E
Sempervivum × fimbriatum	E
Sempervivum montanum	E
Sempervivum spp.	E, I, W (35, 47)
Sempervivum tectorum	E, S, W (42)
Entorrhiza caricicola S	
Carex limosa	W (46)
Entorrhiza raunkiaeriana S	
Eleogiton fluitans	S, W (42-44, 46-48)
Entorrhiza scirpicola S	
Eleocharis quinqueflora	E, S, W (46)
Entyloma achilleae S	
Achillea millefolium	E, S
Entyloma bellidis S	
Bellis perennis	E, S, W (42, 43)
Entyloma calendulae S	
Calendula officinalis	E, I, S, W (41-43, 46, 47)

Entyloma chrysosplenii S	
Chrysosplenium alternifolium	E, S, W (42, 43)
Chrysosplenium oppositifolium	E, W (46, 51)
Entyloma cosmi S	
Cosmos bipinnatus	E, W (52)
Cosmos sp.	E, W (44)
Entyloma crepidis-rubrae S	
Crepis capillaris	E
Entyloma dahliae S	
Dahlia × hortensis	E, I, S, W (41, 43)
Entyloma eryngii s.l. S	
Eryngium maritimum	S, W (41, 44, 45, 48, 49, 52)
Entyloma eschscholziae S	
Eschscholzia californica	E
Entyloma fergussoni S	
Myosotis arvensis	E
Myosotis laxa ssp. caespitosa	E
Myosotis scorpioides	E, S, W (47)
Myosotis sp.	E, S
Myosotis sylvatica	E
Entyloma ficariae S	
Ficaria verna agg.	E, I, S, W (35, 41-52)
Ficaria verna ssp. fertilis	E, S, W (35, 41-48)
Ficaria verna ssp. ficariiformis	W (42, 43, 45)
Ficaria verna ssp. verna	E, S, W (41-43, 45-48)
Entyloma fumariae S	
Fumaria bastardii var. bastardii	W (46)
Fumaria capreolata	W (41, 46)
Fumaria muralis ssp. boraei	W (42, 46)
Fumaria sp.	E
Entyloma fuscum S	
Papaver dubium	W (52)
Papaver rhoeas	E
Entyloma gaillardianum S	
Gaillardia spp.	E
Entyloma helosciadii S	
Berula erecta	I
Helosciadium nodiflorum	E, I, S, W (42, 43, 46)
Oenanthe crocata	E, I, W (35, 41-48)

Entyloma henningsianum S	
Samolus valerandi	E, S, W (46)
Entyloma hieracii S	
Hieracium lasiophyllum	S
Hieracium sp.	S
Pilosella officinarum	E
Entyloma linariae S	
Linaria vulgaris	E, W (44, 46, 47)
Entyloma matricariae S	
Tripleurospermum inodorum	E, S
Entyloma microsporium S	
Ranunculus acris	E, S, W (49)
Ranunculus repens	E, I, S, W (35, 41-46, 48-52)
Ranunculus sceleratus	W (46, 47)
Ranunculus sp.	E, S, W (50, 52)
Entyloma ranunculi-repentis S	
Ranunculus acris	W (46)
Ranunculus auricomus	E, W (43, 46, 49, 52)
Ranunculus bulbosus	E, W (46)
Ranunculus repens	E, W (35, 41, 45-47)
Ranunculus sceleratus	E, S, W (44)
Entyloma serotinum S	
Borago officinalis	E, W (42, 43, 47-49)
Symphytum officinale	E, I, S, W (35)
Entyloma thalictri S	
Thalictrum flavum	E
Entyloma veronicae S	
Veronica serpyllifolia	E
Erysiphe adunca P	
Populus alba	E
Populus × canadensis ‘Serotina’	E
Populus × canescens	E
Populus × jackii ‘Gileadensis’	B
Populus nigra	E, W (51)
Populus nigra ssp. betulifolia	W (46)
Populus nigra ‘Italica’	E
Populus tremula	E, W (44)
Populus trichocarpa	W (44)

Erysiphe adunca P (cont.)

<i>Salix alba</i>	E
<i>Salix aurita</i>	E, S, W (44)
<i>Salix caprea</i>	E, I, S, W (35, 41-46, 48)
<i>Salix cinerea</i> ssp. <i>cinerea</i>	E
<i>Salix cinerea</i> ssp. <i>oleifolia</i>	E, S, W (35, 41-50)
<i>Salix daphnoides</i>	B
<i>Salix</i> × <i>fragilis</i>	E, W (49)
<i>Salix</i> × <i>fruticosa</i>	E
<i>Salix hastata</i>	E
<i>Salix</i> × <i>holosericea</i>	W (46)
<i>Salix</i> × <i>ludificans</i>	B
<i>Salix</i> × <i>multinervis</i>	E
<i>Salix myrsinifolia</i>	B
<i>Salix nigra</i>	B
<i>Salix phylicifolia</i>	S
<i>Salix</i> × <i>puberula</i>	B
<i>Salix purpurea</i>	B
<i>Salix</i> × <i>reichardtii</i>	E, W (42)
<i>Salix repens</i>	E, W (44, 52)
<i>Salix repens</i> var. <i>argentea</i>	E, W (41)
<i>Salix</i> × <i>smithiana</i>	B
<i>Salix</i> sp.	E, S, W (47)
<i>Salix triandra</i>	E
<i>Salix viminalis</i>	B

Erysiphe akebiae P

<i>Akebia quinata</i>	E, W (48)
<i>Akebia trifoliata</i>	W (48)

Erysiphe alphitoides P

<i>Castanea sativa</i>	E
<i>Fagus sylvatica</i>	S
<i>Quercus alba</i>	I
<i>Quercus bicolor</i>	I
<i>Quercus canariensis</i>	W (35)
<i>Quercus cerris</i>	E
<i>Quercus</i> × <i>crenata</i> 'Pseudoturneri'	I
<i>Quercus dentata</i>	I
'Pinnatifida'	W (42)
<i>Quercus frainetto</i>	W (42)
<i>Quercus glandulifera</i>	I
<i>Quercus</i> × <i>hickelii</i>	W (42)
<i>Quercus ilex</i>	E

Erysiphe alphitoides P (cont.)

Quercus petraea	E, I, S, W (41, 42-50)
'Insecata'	W (42)
'Mespilifolia'	I
Quercus pubescens	E
Quercus pyrenaica	E
Quercus robur	E, I, S, W (35, 41-44, 46-51)
'Cristata Group'	W (42)
'Fenessii'	I, W (42)
'Fürst Schwarzenburg'	W (42)
'Purpurea'	W (42)
Quercus robur f. fastigiata 'Koster'	I
Quercus × rosacea	E, I, W (42, 45-49)
Quercus rubra	E
Quercus serrata	W (42)
Quercus sp.	E, I, S, W (35, 43)
Quercus velutina	E
Quercus × warburgii	I
Sorbaria sorbifolia	E
Wisteria brachybotrys	E
Wisteria frutescens	E
Wisteria sinensis	E

Erysiphe aquilegiae P

Clematis 'Perle d'Azur'	W (43)
Clematis 'Raymond Grison'	E

Erysiphe aquilegiae var. aquilegiae P

Aquilegia caerulea	E
Aquilegia chrysantha 'Yellow Queen'	W (50)
Aquilegia pyrenaica	B
Aquilegia vulgaris	E, I, S, W (35, 42-44, 46-49, 52)
Caltha palustris	E, S, W (43, 44, 46, 52)
Clematis cult.	E
Ranunculus acris	E, W (42, 49)
Ranunculus repens	E, I

Erysiphe aquilegiae var. ranunculi P

Aconitum firmum	E
Anemone × hybrida	E
'Elegans'	S
Aconitum napellus	E, S, W (46, 48)
Anemone coronaria	E
Anemone sp.	E
Clematis × jackmanii	E, S, W (42, 46)

Erysiphe aquilegiae var. ranunculi P (cont.)

<i>Clematis recta</i>	S, W (42)
<i>Clematis</i> sp.	E
<i>Clematis vitalba</i>	E
<i>Consolida ajacis</i>	E
<i>Consolida</i> sp.	E, W (48, 52)
<i>Delphinium</i> 'Black Knight'	E
<i>Delphinium</i> × <i>cultorum</i>	B
<i>Delphinium elatum</i>	E
<i>Delphinium pyramidale</i>	E
<i>Delphinium</i> sp.	E, S
<i>Ranunculus acris</i>	E, I, S, W (35, 41-44, 46, 48, 50, 52)
<i>Ranunculus auricomus</i>	E, S
<i>Ranunculus bulbosus</i>	E, W (35, 46)
<i>Ranunculus flammula</i>	I, S, W (43, 46)
<i>Ranunculus lingua</i>	E
<i>Ranunculus marginatus</i>	E
<i>Ranunculus muricatus</i>	S
<i>Ranunculus ophioglossifolius</i>	E
<i>Ranunculus repens</i>	E, S, W (35, 42-47, 49-51)
<i>Ranunculus sardous</i>	E
<i>Ranunculus sceleratus</i>	B
<i>Ranunculus serbicus</i>	B
<i>Ranunculus</i> sp.	E, W (48)
<i>Thalictrum flavum</i>	E
<i>Thalictrum minus</i>	E, S

Erysiphe arcuata P

<i>Carpinus betulus</i>	E, W (41, 44, 46, 49-51)
-------------------------	--------------------------

Erysiphe astragali P

<i>Astragalus glycyphyllos</i>	E, S
<i>Astragalus</i> sp.	S

Erysiphe australiana P

<i>Lagerstroemia indica</i>	E
'Twylight'	E

Erysiphe azaleae P

<i>Erica ageana</i>	S
<i>Erica conica</i>	S
<i>Erica glomerifera</i>	S
<i>Erica johnstoniana</i>	S
<i>Erica mammosa</i>	S
<i>Erica nudifolia</i>	S
<i>Erica oatsii</i>	S

Erysiphe azaleae P (cont.)

<i>Erica oxifera</i>	S
<i>Erica plukenetii</i>	S
<i>Erica</i> sp.	S
<i>Erica subdivaricata</i>	S
<i>Kalmia</i> sp.	E
<i>Rhododendron brachyanthum</i>	B
<i>Rhododendron campylocarpum</i>	B
<i>Rhododendron carolinianum</i> × <i>leucaspis</i>	S
<i>Rhododendron cinnabarinum</i>	S
<i>Rhododendron cinnabarinum</i> 'Roylei Group'	S
<i>Rhododendron</i> 'Cynthia'	S
<i>Rhododendron dichroanthum</i>	B
<i>Rhododendron</i> 'Exberry Hybrid'	S
<i>Rhododendron forrestii</i> 'Repens' × <i>griersonianum</i>	S
<i>Rhododendron fortunei</i>	B
<i>Rhododendron griffithianum</i>	B
<i>Rhododendron luteum</i>	E, I, W (47)
<i>Rhododendron magnificum</i> × <i>occidentale</i>	S
<i>Rhododendron occidentale</i> 'Superba'	S
<i>Rhododendron ponticum</i>	E, S, W (45, 48, 49)
<i>Rhododendron rhodoleucum</i>	S
<i>Rhododendron</i> sp.	E, S, W (35, 41, 45, 47-52)
<i>Rhododendron</i> sp. 'Azalea Group'	E, W (42, 43, 46, 47)
<i>Rhododendron</i> × <i>superponticum</i>	W (46)
<i>Rhododendron thomsonii</i>	B

Erysiphe baeumleri P

<i>Ervilia sylvatica</i>	E, S, W (46)
<i>Vicia cracca</i>	E, S, W (35, 42, 46)

Erysiphe baptisiae P

<i>Baptisia australis</i>	E
---------------------------	---

Erysiphe begoniicola P

<i>Begonia nitida</i>	S
<i>Begonia rex</i>	W (51)
<i>Begonia rex</i> 'Gloire de Lorraine'	W (51)
<i>Begonia</i> 'Semperflorens'	W (46)
<i>Begonia</i> sp.	E, S, W (41, 51)
<i>Begonia sutherlandii</i>	S
<i>Begonia</i> × <i>tuberhybrida</i>	W (51)

Erysiphe berberidis var. **berberidis** P

<i>Berberis aggregata</i>	E
<i>Berberis amurensis</i>	B

Erysiphe berberidis var. berberidis P (cont.)

<i>Berberis</i> × <i>bidentata</i>		B
<i>Berberis boissieri</i>		B
<i>Berberis canadensis</i>		B
<i>Berberis chinensis</i>		B
<i>Berberis circumserrata</i>		B
<i>Berberis</i> × <i>declinata</i>		B
<i>Berberis diaphana</i>		B
<i>Berberis dictyophyllum</i>		B
<i>Berberis empetrifolia</i>		B
<i>Berberis gagnepanii</i>		B
<i>Berberis holstii</i>		B
<i>Berberis hookeri</i>		S
<i>Berberis humido-umbrosa</i>		B
<i>Berberis jaeschkeana</i>		B
<i>Berberis jamesiana</i>		B
<i>Berberis lepidifolia</i>		B
<i>Berberis ludlowii</i>		B
<i>Berberis morrisonensis</i>		B
<i>Berberis</i> × <i>ottawensis</i>		E, W (46)
<i>Berberis parviflora</i>		B
<i>Berberis pinnata</i>		E
<i>Berberis polyantha</i>		E
<i>Berberis pruinosa</i>		B
<i>Berberis repens</i>		B
<i>Berberis sargentiana</i>		B
<i>Berberis silva-taroucana</i>		B
<i>Berberis</i> sp.		E
<i>Berberis suberecta</i>		B
<i>Berberis thunbergii</i> f. <i>atropurpurea</i>	E, I, S, W (41-44, 46, 47, 49)	
<i>Berberis tsarongensis</i>		B
<i>Berberis umbellata</i>		B
<i>Berberis verna</i>		B
<i>Berberis vulgaris</i>	E, I, S, W (42, 43, 46)	
<i>Berberis wilsoniae</i>		B
× <i>Mahoberberis neubertii</i>		B
<i>Mahonia aquifolium</i>	E, I, S, W (44, 46, 47, 49)	
<i>Mahonia fortunei</i>		E
<i>Mahonia japonica</i>		B
<i>Mahonia</i> sp.		E, S

Erysiphe betae P

<i>Beta</i> sp.	I, W (41, 49-51)	
<i>Beta trigyna</i>		B

Erysiphe betae P (cont.)

Beta vulgaris cv.	E
Beta vulgaris ssp. cicla var. cicla	E, W (49)
Beta vulgaris ssp. maritima	E, I, W (44-46, 49-52)
Beta vulgaris ssp. vulgaris	E, S
Beta vulgaris ssp. vulgaris var. rapacea 'Boltardy'	E
Beta vulgaris ssp. vulgaris var. rapacea 'Tonda di Chioggia'	E
Spinacia oleracea	E

Erysiphe buhrii P

Dianthus barbatus	B
Dianthus caryophyllus	B
Silene coronaria	E
Silene dioica	E, W (45, 46, 49, 52)
Silene latifolia ssp. alba	E, W (46)
Silene nutans	B
Silene sp.	W (49, 52)
Silene vulgaris	W (44)

Erysiphe capreae P

Salix caprea	E, I, S, W (35, 41-44, 46, 47, 49-52)
--------------	---------------------------------------

Erysiphe caricae P

Carica papaya	C
---------------	---

Erysiphe carpinicola P

Carpinus betulus	E
------------------	---

Erysiphe catalpa P

Catalpa bignonioides	E
----------------------	---

Erysiphe circaeae P

Circaea alpina	B
Circaea × intermedia	B
Circaea lutetiana	E, I, S, W (35, 41-52)

Erysiphe coluteae? P

Colutea arborescens	B
---------------------	---

Erysiphe convolvuli P

Calystegia sp.	E
Ipomoea purpurea 'Grandpa Otts'	E

Erysiphe convolvuli var. calystegiae P

Calystegia sepium	E, S, W (44, 49)
Calystegia sepium ssp. sepium	E, I, W (46)
Calystegia silvatica	E, W (46)
Calystegia silvatica ssp. silvatica	E
Calystegia sp.	E, W (35, 41, 49-51)

Erysiphe convolvuli var. convolvuli P

Calystegia soldanella	M
Convolvulus arvensis	E, S, W (46, 49-52)

Erysiphe cotini P

Cotinus coggygria	E, S, W (49-51)
-------------------	-----------------

Erysiphe cruciferarum P

Alliaria petiolata	E, S, W (35, 41-44, 46, 47, 49-51)
Alyssum sp.	E
Argemone platyceras	E
Armoracia rusticana	E
Aurinia saxatilis	E
Barbarea vulgaris	B
Biscutella laevigata	B
Brassica juncea	E
Brassica napus	E, S
Brassica napus ssp. oleifera	E, W (43)
Brassica napus ssp. rapifera	E
Brassica napus var. napobrassica	S
Brassica nigra	E, W (46, 49, 52)
Brassica oleracea cv.	W (46, 48)
Brassica oleracea var. acephala	S
Brassica oleracea var. acephala 'Russian Red'	W (48)
Brassica oleracea var. botrytis	S
Brassica oleracea var. capitata	S
Brassica oleracea var. gemmifera	E, S, W (46)
Brassica rapa ssp. campestris	S, W (49)
Brassica rapa ssp. rapa	E, W (49)
Brassica rapa var. chinensis	W (43)
Capsella bursa-pastoris	E, I, S, W (35, 43, 46, 47, 49, 52)
Cardamine heptaphylla	E
Cardamine sp.	S
Coincya wrightii	E
Crambe hispanica ssp. hispanica	W (49)
Crambe maritima	B
Diplotaxis muralis	E
Diplotaxis tenuifolia	E
Erysimum cheiri	E, W (49)
Fumaria bastardii	W (42, 49)
Fumaria bastardii var. bastardii	W (44, 46, 49)
Fumaria capreolata	W (44)
Fumaria densiflora	W (42)
Fumaria muralis ssp. boraei	W (49)
Fumaria muralis ssp. boraei var. gracilis	W (46)

Erysiphe cruciferarum P (cont.)

<i>Fumaria muralis</i> ssp. <i>boraei</i> var. <i>major</i>	W (46)
<i>Fumaria occidentalis</i>	E
<i>Fumaria officinalis</i>	E, I, S, W (49)
<i>Fumaria parviflora</i>	W (42)
<i>Fumaria purpurea</i>	W (42)
<i>Fumaria reuteri</i>	W (42)
<i>Glaucium flavum</i>	E, W (48)
<i>Hesperis matronalis</i>	E, W (46, 49)
<i>Hirschfeldia incana</i>	E, W (41, 42, 44, 46)
<i>Iberis</i> sp.	B
<i>Iberis umbellata</i>	S
<i>Lepidium draba</i> ssp. <i>draba</i>	E
<i>Lepidium heterophyllum</i>	B
<i>Lunaria annua</i>	E, S, W (46, 49)
<i>Malcolmia maritima</i>	B
<i>Papaver dubium</i>	E, W (46)
<i>Papaver orientale</i>	B
<i>Papaver rhoeas</i>	E, W (46)
<i>Papaver</i> 'Shirley Hybrid'	S
<i>Papaver somniferum</i>	E, W (46)
<i>Pseudofumaria lutea</i>	E, W (44)
<i>Raphanus raphanistrum</i> ssp. <i>maritimus</i>	E, W (44, 49, 52)
<i>Raphanus raphanistrum</i> ssp. <i>raphanistrum</i>	B
<i>Raphanus sativus</i>	B
<i>Sinapis arvensis</i>	E, S, W (49)
<i>Sisymbrium altissimum</i>	E
<i>Sisymbrium irio</i>	E
<i>Sisymbrium officinale</i>	E, I, S, W (41-44, 46, 48-50)
<i>Sisymbrium strictissimum</i>	B
<i>Tarenaya hassleriana</i>	E
<i>Tarenaya spinosa</i>	E
<i>Thlaspi arvense</i>	E

Erysiphe deutziae P

<i>Deutzia crenata</i>	E
<i>Deutzia scabra</i>	E, S, W (41, 49, 51)
<i>Deutzia scabra</i> 'Candidissima'	E

Erysiphe diffusa P

<i>Sophora flavescens</i>	B
<i>Sophora japonica</i>	B

Erysiphe divaricata P

Frangula alnus var. alnus E, S, W (46)
 Frangula alnus var. latifolia W (46)

Erysiphe elevata P

Catalpa bignonioides E, W (46)
 'Aurea' E
 Catalpa × erubescens E
 'Purpurea' E
 Catalpa speciosa E
 ×Chitalpa taschkentensis E

Erysiphe eschscholziae P

Eschscholzia californica E, S, W (44)

Erysiphe euonymi P

Euonymus europaeus E, I, W (35, 41-44, 46, 48-52)
 Euonymus europaeus f. intermedius W (44, 46)
 Euonymus hederaceus B
 Euonymus verrucosus B

Erysiphe euonymicola P

Euonymus fortunei var. radicans E, S
 Euonymus japonicus E, I, S, W (35, 41, 44-46, 48-52)
 Euonymus nanus B

Erysiphe flexuosa P

Aesculus californica E
 Aesculus carnea E, W (42, 43, 46)
 'Briotii' W (46)
 Aesculus 'Dallimorei' E
 Aesculus hippocastanum E, I, W (41-43, 46, 49-51)
 'Baumannii' I
 Aesculus × mutabilis E
 Aesculus × plantierensis W (46)
 Aesculus sp. E, I, S, W (35, 41-52)

Erysiphe friesii var. friesii P

Rhamnus alaternus E
 Rhamnus cathartica E, S, W (51)
 Erysiphe galegae P

Erysiphe grossulariae P

Ribes alpinum E, S
 Ribes fasciculatum B
 Ribes laurifolium B
 Ribes × nidigrolaria B

Galeg

Erysiphe grossulariae P (cont.)

<i>Ribes nigrum</i>	E, S
<i>Ribes rubrum</i>	E
<i>Ribes sanguineum</i>	E, S
<i>Ribes uva-crispa</i>	E, S, W (35, 42, 44, 46, 50, 51)

Erysiphe guarinonii P

<i>Laburnum anagyroides</i>	E, S, W (44, 46)
<i>Laburnum</i> sp.	S, W (51)
<i>Laburnum</i> × <i>watereri</i>	W (51)

Erysiphe hedwigii P

<i>Lonicera microphylla</i>	E
<i>Viburnum lantana</i>	E, W (49-52)
<i>Viburnum opulus</i>	W (48)
<i>Viburnum tinus</i>	E

Erysiphe heraclei P

<i>Aegopodium podagraria</i>	E, I, S
<i>Aethusa cynapium</i>	E, W (44)
<i>Ammi majus</i>	E
<i>Angelica sylvestris</i>	E, I, S, W (35, 41, 43, 44, 46, 47, 49, 51, 52)
<i>Anthriscus caucalis</i>	E, I
<i>Anthriscus cerefolium</i>	E
<i>Anthriscus sylvestris</i>	E, I, S, W (35, 42-47, 49, 50, 52)
<i>Apium graveolens</i>	B
<i>Berula erecta</i>	E
<i>Chaerophyllum aureum</i>	E
<i>Chaerophyllum temulum</i>	E, W (43)
<i>Cicuta virosa</i>	B
<i>Conium maculatum</i>	E, W (35, 43)
<i>Daucus carota</i>	E, I
<i>Foeniculum vulgare</i>	E
<i>Heracleum mantegazzianum</i>	E, W (44)
<i>Heracleum sphondylium</i>	E, I, S, W (35, 41-49, 52)
<i>Myrrhis odorata</i>	E, S
<i>Pastinaca sativa</i>	E, S, W (44)
<i>Pastinaca sativa</i> ssp. <i>sativa</i>	E, W (42)
<i>Pastinaca sativa</i> ssp. <i>sylvestris</i>	E
<i>Petroselinum crispum</i>	E, S, W (44)
<i>Petroselinum crispum</i> var. <i>neapolitanum</i>	W (44)
<i>Pimpinella major</i>	E
<i>Pimpinella saxifraga</i>	E, W (46, 47, 52)
<i>Smyrniolus olusatrum</i>	E, W (46)
<i>Torilis japonica</i>	E, I, W (42, 45, 46, 48-50)
<i>Torilis nodosa</i>	E

Erysiphe howeana P

Fuchsia sp.	B
Oenothera biennis	E, W (41)
Oenothera cambrica	W (35, 46, 49)
Oenothera × fallax	W (43, 46)
Oenothera glazioviana	E, W (41, 44, 46, 49)
Oenothera indecora	B
Oenothera odorata	B
Oenothera ravenii	B
Oenothera sp.	E, W (41, 45, 51)
Oenothera stricta	W (46)

Erysiphe hyperici P

Hypericum androsaemum	E, S, W (44)
Hypericum calycinum	E, S
Hypericum × desetangsii	I, W (35, 42-44, 46-48)
Hypericum hirsutum	E, W (42, 46)
Hypericum humifusum	E
Hypericum kotschyanum	B
Hypericum kouyense	S
Hypericum maculatum	E, I, W (44, 47, 49, 50)
Hypericum maculatum ssp. obtusiusculum	W (42, 46, 47)
Hypericum montanum	E, W (44)
Hypericum perforatum	E, S, W (41, 43, 44, 46, 47, 49)
Hypericum perforatum × undulatum	W (46)
Hypericum pulchrum	E, W (49)
Hypericum tetrapterum	W (46)
Hypericum undulatum	W (45)
Hypericum webbii	S

Erysiphe hypophylla P

Quercus petraea	W (46)
Quercus robur	E, W (46)
Quercus × rosacea	W (45)

Erysiphe intermedia P

Lupinus albifrons	B
Lupinus albus	W (47)
Lupinus arboreus	B
Lupinus argenteus	B
Lupinus mutabilis	B
‘Sunrise’	W (42)
Lupinus nootkatensis	B
Lupinus polyphyllus	E

Erysiphe intermedia P (cont.)

Lupinus × regalis	W (43, 46)
Lupinus sp.	E, S, W (35, 41, 43, 49-52)
Lupinus subcarnosus	B

Erysiphe juglandis P

Juglans regia	E
Juglans sp.	W

Erysiphe knautiae P

Knautia arvensis	E, W (52)
Knautia macedonica	W (46, 48)
Scabiosa atropurpurea	E, W (42)
Scabiosa columbaria	E, S, W (44, 52)
Scabiosa columbaria ssp. ochroleuca	E
Scabiosa longifolia	B
Scabiosa lucida	B
Scabiosa sp.	E, S, W (50)
Succisa pratensis	E, I, S, W (41-44, 46, 47, 49)
Tremastelma palaestinum	B
Tremastelma sp.	B

Erysiphe limonii P

Limonium binervosum agg.	B
Limonium chiloense	B
Limonium platyphyllum	E
Limonium sinuatum	B
Limonium vulgare	E

Erysiphe lonicerae var. lonicerae P

Lonicera × bella	E
Lonicera caprifolium	W (44)
Lonicera etrusca	E
Lonicera japonica	E, S, W (42-46, 48)
Lonicera korolkowii	B
Lonicera nitida	W (49)
Lonicera perfoliata	E
Lonicera periclymenum	E, I, S, W (42-44, 46-49)
'Serotina'	W (44, 45)
Lonicera similis var. delavayi	E
Lonicera tatarica	E
Lonicera tragophylla	E
Lonicera xylosteum	B

Erysiphe lycopsidis P

<i>Anchusa azurea</i>	B
<i>Anchusa officinalis</i>	E
<i>Anchusa</i> sp.	S
<i>Lycopsis arvensis</i>	E, S, W (44, 46)
<i>Lycopus europaeus</i>	E
<i>Pentaglottis sempervirens</i>	E, S, W (44, 46, 49, 50, 52)

Erysiphe lythri P

<i>Lythrum salicaria</i>	E, I, W (47, 49, 50)
<i>Lythrum</i> sp.	S

Erysiphe macleayae P

<i>Chelidonium majus</i>	E, W (47, 49)
<i>Macleaya microcarpa</i>	E
‘Coral Plume’	E
<i>Meconopsis betonicifolia</i>	E, S
<i>Meconopsis horridula</i>	S
<i>Papaver cambricum</i> cv.	E, W (42, 46, 49, 51)

Erysiphe magnifica P

<i>Magnolia kobus</i> ‘Borealis’	E
<i>Magnolia</i> ‘Sensation’	E
<i>Magnolia</i> × <i>soulangiana</i>	W (50, 51)
<i>Magnolia</i> sp. & cv.	E, W (41, 49-51)

Erysiphe mayorii var. mayorii P

<i>Cirsium arvense</i>	E, S, W (50)
<i>Cirsium heterophyllum</i>	S
<i>Cirsium palustre</i>	S
<i>Cirsium vulgare</i>	E

Erysiphe necator P

<i>Parthenocissus inserta</i>	B
<i>Parthenocissus quinquefolia</i>	W (51)
<i>Parthenocissus tricuspidata</i>	B

Erysiphe necator var. necator P

<i>Ampelopsis glandulosa</i> var. <i>brevipedunculata</i>	B
<i>Rhoicissus rhomboidea</i>	S
<i>Vitis acerifolia</i>	B
<i>Vitis aestivalis</i>	E
<i>Vitis amurensis</i>	B
<i>Vitis belaii</i>	B
<i>Vitis berlandieri</i>	B
<i>Vitis californica</i>	B
<i>Vitis cinerea</i>	B

Erysiphe necator var. necator P (cont.)

<i>Vitis davidii</i>	B
<i>Vitis flexuosa</i> var. <i>rufotomentosa</i>	B
<i>Vitis palmata</i>	B
<i>Vitis riparia</i>	B
<i>Vitis</i> sp. and cv..	E, W (41, 44, 50, 51)
<i>Vitis vinifera</i>	E, S, W (35, 42, 43, 46, 47, 49-51)
'Purpurea'	E
<i>Vitis vulpina</i>	B
<i>Vitis wilsoniae</i>	B

Erysiphe ornata var. europaea P

<i>Betula pendula</i>	E, I, S, W (43, 46)
<i>Betula pubescens</i>	E, S, W (43, 46, 49)
<i>Betula pubescens</i> ssp. <i>celtiberica</i>	W (42, 43, 48)
<i>Betula pubescens</i> ssp. <i>pubescens</i>	E, S, W (43, 44, 46)

Erysiphe palczewskii P

<i>Caragana arborescens</i>	E
<i>Caragana aurantiaca</i>	E
<i>Caragana brevispina</i>	E
<i>Colutea arborescens</i>	B

Erysiphe penicillata P

<i>Alnus glutinosa</i>	E, I, S, W (42, 44-46, 49-52)
<i>Alnus incana</i>	E, W (44, 46, 47)
<i>Alnus rubra</i>	E
<i>Alnus viridis</i>	E

Erysiphe pisi var. cruchetiana P

<i>Lathyrus pratensis</i>	W (46)
<i>Ononis repens</i>	E, S, W (41, 44, 46, 48, 51)
<i>Ononis</i> sp.	S
<i>Ononis spinosa</i>	E

Erysiphe pisi var. pisi P

<i>Ervilia hirsuta</i>	E
<i>Ervilia sylvatica</i>	S
<i>Ervum tetraspermum</i>	E
<i>Hippocrepis</i> sp.	B
<i>Lathyrus latifolius</i>	E, S
<i>Lathyrus odoratus</i>	E, W (42-44, 46, 49)
<i>Lathyrus oleraceus</i>	E, S, W (35, 42-44, 46, 48, 49)
'Alderman'	W (44)
'Carouby de Maussane'	W (43)
'Onward'	W (42)

Erysiphe pisi var. pisi P (cont.)

Lathyrus pratensis	E, S, W (46, 52)
Medicago lupulina	E, I, S, W (35, 41, 43, 44, 46, 48)
Medicago orbicularis	B
Medicago sativa var. sativa	E, W (41, 44)
Melilotus albus	W (44)
Senna stirtonii	E
Trifolium pratense	E, W (42, 46)
Vicia faba	E
Vicia sativa	E, W (35, 47)
Vicia sativa ssp. nigra	W (46)
Vicia sepium	E, I, S, W (43-45)
Vicia villosa	B

Erysiphe platani P

Platanus × hispanica	E, W (44, 48-51)
Platanus orientalis	E
Platanus sp.	I, W (35, 41, 49-51)

Erysiphe polygoni P

Fagopyrum sp.	B
Fallopia baldschuanica	E
Fallopia convolvulus	E
Homalocladium platycladium	B
Persicaria amphibia	B
Persicaria lapathifolia	S, W (46)
Persicaria maculosa	E
Polygonum agrestinum	E, W (46-48)
Polygonum arenastrum	E, W (49)
Polygonum aviculare s.l.	E, S, W (41, 43, 44, 46)
Polygonum aviculare s.s.	S, W (35, 41-44, 46, 49)
Polygonum chamaechyton	W (46)
Polygonum depressum	W (43)
Polygonum oxyspermum	E
Polygonum polycnemiforme	W (46, 48)
Reynoutria japonica	E
Rumex acetosa	E, W (49)
Rumex acetosella	E, S, W (46, 47, 49)
Rumex crispus ssp. crispus	E, W (46)
Rumex obtusifolius	E
Rumex sanguineus var. viridis	E
Rumex scutatus	S

Erysiphe prunastri P	
Prunus cerasifera	B
Prunus domestica ssp. insititia var. nigra	W (46)
Prunus domestica var. damascena	W (46)
Prunus mahaleb	E
Prunus padus	B
Prunus spinosa	E, I, S, W (41-44, 46, 47, 49-51)
Erysiphe pseudacaciae P	
Robinia hispida	B
Robinia pseudoacacia	E
Robinia sp.	W (41)
Erysiphe pulchra P	
Cornus florida	E
Cornus nuttallii	E
Erysiphe quercicola P	
Bixa sp.	E
Erysiphe rayssiae P	
Spartium junceum	E
Erysiphe robiniae P	
Robinia sp.	E, S, W (41)
Erysiphe russellii P	
Oxalis corniculata	E, S, W (43)
Oxalis corniculata var. atropurpurea	E
Oxalis exilis	E, W (44)
Oxalis rosea	E, S
Oxalis sp.	S, W (48, 51)
Oxalis stricta	E, W (48, 51)
Erysiphe sedi P	
Hylotelephium 'Herbstfreude'	E
Hylotelephium spectabile	E, W (46, 49, 50)
Phedimus sp.	B
Phedimus spurius	B
Sedum jepsonii	S
Sedum praealtum	S
Sedum rubroglaucum	S
Erysiphe symphoricarpi P	
Symphoricarpos albus	E, S, W (41, 42, 44, 46, 48-51)
Symphoricarpos × chenaultii	E
Symphoricarpos sp.	E, I, W (35, 41-44, 47, 50, 51)

Erysiphe syringae P

Chionanthus retusus	S
Ligustrum ovalifolium	E
Ligustrum vulgare	E, W (44)
Syringa vulgaris	E, I, W (42, 44, 46, 47, 49)

Erysiphe syringae-japonicae P

Ligustrum sp.	E
Syringa vulgaris	E, I

Erysiphe thermopsidis P

Genista sp.	B
Syringa sp.	E
Thermopsis lanceolata	B
Thermopsis sp.	E

Erysiphe thesii P

Thesium humifusum	E
-------------------	---

Erysiphe tortilis P

Cornus alba cv.	E, I, W (44)
var. flaviramea	W (42)
var. sibirica	W (42, 43, 46)
Cornus koenigii	W (43, 47)
Cornus sanguinea	E, S, W (35, 41-44, 46-48)
'Midwinter Fire'	E
ssp. australis	E, W (43, 44, 46)
ssp. australis × sanguinea	W (46)
Cornus sericea	I
Cornus sp.	E, S, W (35, 41-44, 46, 47, 49-52)

Erysiphe trifoliorum P

Anthyllis vulneraria	W (41)
Coronilla scorpioides	B
Cytisus purpureus	B
Cytisus scoparius	E, S, W (49)
Galega officinalis	E
Genista sagittalis	B
Genista sibirica	B
Hippocrepis unisiliquosa	B
Lathyrus hirsutus	B
Lathyrus linifolius var. montanus	E
Lathyrus magellanicus	B
Lathyrus odoratus cv.	E, I, W (47)
Lathyrus palustris	E
Lathyrus pratensis	E, I, S, W (35, 41-47, 49, 51, 52)

Erysiphe trifoliorum P (cont.)

Lathyrus tuberosus	B
Lotus corniculatus	E, I, S, W (44)
Lotus corniculatus var. sativus	W (49)
Lotus pedunculatus	E, W (44, 46)
Lotus tenuis	E
Melilotus albus	E, W (44, 49)
Melilotus altissimus	E, S, W (35, 41, 44, 46)
Melilotus indicus	B
Melilotus officinalis	E, W (49)
Melilotus sp.	W (44)
Onobrychis viciifolia	E
Securigera varia	E, W (46)
Trifolium arvense	E, W (44)
Trifolium bocconeii	W (42)
Trifolium campestre	E, S, W (41, 43, 44, 46)
Trifolium constantinopolitanum	E
Trifolium dubium	E, I, S, W (41-44, 46, 48, 49, 52)
Trifolium hybridum	E, W (44)
Trifolium incarnatum	S
Trifolium medium	E, S
Trifolium micranthum	W (49)
Trifolium pratense	E, I, S, W (35, 44-46, 49, 52)
Trifolium repens	E, S, W (44, 46, 48)
Trifolium rubens 'Red Feathers'	W (42, 44)
Trifolium strictum	W (42)
Trigonella caerulea	B
Trigonella cretica	B
Trigonella foenum-graecum	B
Trigonella glabra	B
Trigonella sp.	B
Wisteria sinensis	B
Wisteria sp.	B

Erysiphe ulmariae P

Filipendula ulmaria	E, I, S, W (35, 42-46, 48-52)
Filipendula vulgaris	B

Erysiphe ulmi P

Ulmus glabra	E
Ulmus × hollandica	W (44)
Ulmus minor agg.	E
Ulmus procera	E, W (44)

Erysiphe urticae P

Urtica dioica E, I, S, W (35, 41-44, 46-51)

Erysiphe vanbruntiana var. sambuci-racemosae P

Sambucus nigra E, W (44)

Sambucus racemosa E, S, W (44, 51)

Sambucus racemosa var. *callicarpa* E

Erysiphe viburni P

Viburnum lantana E, W (43, 49, 50-52)

Viburnum opulus E, I, S, W (35, 42-44, 46-50, 52)

‘Roseum’ W (42)

Viburnum sargentii ‘Onondaga’ W (42)

Viburnum tinus E, S, W (46, 50)

Euoidium chrysanthemi P

Chrysanthemum ‘Souvenir de la Petite Arnie’ S

Chrysanthemum sp. S

Exobasidium angustisporum S

Arctostaphylos alpinus S

Exobasidium arescens S

Vaccinium myrtillus S, W (48-51)

Exobasidium camelliae S

Camellia japonica E, W (46)

Camellia sinensis W (41)

Camellia sp. E, W (41, 44, 45, 52)

Exobasidium expansum S

Vaccinium uliginosum S

Exobasidium japonicum S

Kalmia sp. E, I, W (43, 50)

Rhododendron sp. ‘Azalea Group’ E, I, S, W (41, 44-46, 48-52)

Rhododendron × *obtusum* ‘Amoenum’ W (41)

Exobasidium juelianum S

Vaccinium vitis-idaea E, S, W (50, 51)

Exobasidium karstenii S

Andromeda polifolia E, I, S, W (43, 46, 47, 50)

Exobasidium myrtilli S

Vaccinium myrtillus E, I, S, W (35, 42-44, 46-51)

Exobasidium oxycocci S

Vaccinium oxycoccus E, I, S, W (46, 48-50)

Exobasidium pachysporum S	
Vaccinium uliginosum	E
Exobasidium rhododendri S	
Kalmia sp.	E
Rhododendron ferrugineum	E, S, W (52)
Rhododendron indicum	E
Exobasidium rostrupii S	
Vaccinium microcarpum	S
Vaccinium oxycoccos	E, I, S, W (41-43, 46-51)
Exobasidium splendidum S	
Vaccinium vitis-idaea	S
Exobasidium sydowianum S	
Arctostaphylos uva-ursi	S
Exobasidium uvae-ursi S	
Arctostaphylos uva-ursi	S
Exobasidium vaccinii S	
Vaccinium vitis-idaea	E, I, S, W (43, 46-48, 50, 51)
Farysia thuenenii S	
Carex acutiformis	E, W (52)
Carex pendula	E, I, W (41, 42, 44-49, 52)
Carex riparia	E, I, S, W (41, 44)
Fibroidium balsaminae P	
Impatiens sp.	E, W (51)
Fibroidium cyparissiae P	
Euphorbia cyparissias	E
Fibroidium hiratae P	
Catalpa sp.	E, S
Fibroidium pelargonii P	
Pelargonium sp.	S
Fibroidium primulae-obconicae P	
Primula obconica	W (51)
Fibroidium sp. P	
Cuphea rosea	E
Gjaerumia ossifragi S	
Nartheceum ossifragum	S

Golovinomyces ambrosiae P

Helianthus annuus cv. 'Lemon Queen'	E, W (43, 48, 49) E, W (43)
Helianthus maximiliani	W (43)
Helianthus × multiflorus	W (48)
Helianthus pauciflorus	E
Helianthus tuberosus	E
Rudbeckia sp.	B

Golovinomyces artemisiae P

Artemisia abrotanum	B
Artemisia absinthium	E, S
Artemisia campestris	B
Artemisia sp.	E, S, W (48, 49, 52)
Artemisia verlotiorum	B
Artemisia vulgaris	E, I, S, W (35, 42-46, 49, 50, 52)

Golovinomyces asperifolii P

Buglossoides arvensis	W (52)
Echium plantagineum	E
Echium vulgare	E, S, W (46, 49, 51, 52)
Myosotis arvensis	E, I, S, W (42-44, 46, 47, 49, 51)
Myosotis discolor ssp. discolor	W (44)
Myosotis ramosissima	E, W (49)
Myosotis scorpioides	E
Myosotis sylvatica	E, I, S, W (35, 41, 43, 44, 46-50)
Myosotis sylvatica var. culta	E

Golovinomyces asperifoliorum P

Pulmonaria 'Blue Ensign'	W (44, 50)
Pulmonaria cv.	E, W (41, 49)
Pulmonaria longifolia	W (46)
Pulmonaria 'Mawson's Blue'	W (42)
Pulmonaria officinalis	E, W (35, 42-44, 46, 49, 50)
Pulmonaria saccharata	E
Pulmonaria saccharata 'Mrs. Moon'	W (50, 52)
Pulmonaria 'Sissinghurst White'	W (50)
Pulmonaria 'Tivoli'	W (41)
Symphytum asperum	E, W (44)
Symphytum caucasicum	E, W (46, 49)
Symphytum 'Hidcote Blue'	W (42, 44, 48, 52)
Symphytum 'Hidcote Pink'	W (48)
Symphytum officinale	E, S, W (49, 50, 52)
Symphytum officinale ssp. officinale var. officinale	W (42-44, 46-48, 50, 52)
Symphytum orientale	E

Golovinomyces asperifoliorum P (cont.)

Symphytum sp.	E, S, W (35, 42, 43)
Symphytum tuberosum	S, W (49)
Symphytum × uplandicum	E, S, W (43, 44, 46, 47, 49, 52)

Golovinomyces asterum var. **asterum** P

Bellis perennis	E, W (41, 44-46, 49)
Felicia sp.	B
Tripolium pannonicum	B

Golovinomyces asterum var. **moroczkovskii** P

Galatella linosyris	E
Symphyotrichum cordifolium	W (44)
Symphyotrichum ericoides	E, W (44)
Symphyotrichum laeve	B
Symphyotrichum lanceolatum	B
Symphyotrichum novae-angliae	E, W (42, 44)
Symphyotrichum novi-belgii	E, S, W (43)
Symphyotrichum pilosum	B
Symphyotrichum praealtum	B
Symphyotrichum puniceum	W (43)
Symphyotrichum × salignum	W (44, 46)
Symphyotrichum sp.	E, S, W (42, 43, 46, 47, 49, 52)
Symphyotrichum tradescantii	B
Symphyotrichum turbinellum	B
Symphyotrichum × versicolor	E

Golovinomyces asterum var. **solidaginis** P

Euthamia gymnospermoides	B
Solidago arguta var. bootii	B
Solidago buckleyi	B
Solidago californica	B
Solidago canadensis	E
Solidago canadensis ssp. altissima	W (42)
Solidago canadensis ssp. canadensis	W (42)
Solidago cv.	E
Solidago elongata	B
Solidago flexicaulis	B
Solidago gigantea ssp. serotina	E, W (46)
Solidago glomerata	B
Solidago 'Goldenmosa'	W (46)
Solidago 'Goldkind'	W (47)
Solidago juncea	B
Solidago missouriensis	B
Solidago mollis	E

Golovinomyces asterum var. solidaginis P (cont.)

Solidago multiradiata	B
Solidago nemoralis	B
Solidago petiolaris	B
Solidago ptarmicoides	B
Solidago rigida	B
Solidago sempervirens	B
Solidago sp.	E, I, S
Solidago virgaurea	E, S, W (41, 42, 46, 49, 52)

Golovinomyces biocellatus s.l. P

Ajuga genevensis	B
Ajuga reptans	E, S
Betonica officinalis	E
Clinopodium vulgare	E
Hyssopus officinalis	E
Nepeta racemosa 'Blue Wonder'	E
Plectranthus scutellarioides	E
Prunella vulgaris	E
Salvia sp.	W (46, 50)
Salvia officinalis	S
Salvia × superba	B
Salvia verticillata	E

Golovinomyces biocellatus s.s. P

Glechoma hederacea	E, W (41, 43, 44, 46, 48, 49, 52)
'Variegata'	E, W (49, 52)
Lycopus europaeus	E, W (46)

Golovinomyces brunneopunctatus P

Erythranthe guttata	E?, W (49)
Erythranthe lutea	E?
Erythranthe sp.	S

Golovinomyces cichoracearum P

Baptisia alba × australis	E
Calendula officinalis	E
Callistephus chinensis	B
Catananche caerulea	B
Catananche sp.	B
Cicerbita alpina	B
Cichorium intybus	E
Cichorium sp.	E

Golovinomyces cichoracearum P (cont.)

Cosmos atrosanguineus	E
Cosmos bipinnatus	E
Crepis biennis	E, W (41, 46)
Crepis capillaris	E, I, W (41, 43, 44, 46, 49)
Crepis vesicaria ssp. taraxacifolia	E, W (46)
Felicia bergeriana	B
Gerbera jamesonii	B
Grindelia squarrosa	B
Helminthotheca echioides	E, W (42, 45, 46, 49, 50)
Hypochaeris radicata	E, S, W (42-44, 46, 47, 49)
Lactuca saligna	B
Lactuca sativa	E
Lactuca serriola	E, W (41-44, 46)
Lactuca virosa	B
Leontodon saxatilis	E
Mycelis muralis	E, I, W (35, 41-44, 46-49, 52)
Petasites albus	E
Picris hieracioides	E, W (44)
Scorzonera sp.	E
Scorzoneroides autumnalis	E, S
Scorzonera humilis	B
Scorzonera sp.	E
Scorzoneroides sp.	B
Taraxacum sp.	E
Tragopogon porrifolius	E, W (42)
Tragopogon pratensis	E
Tragopogon pratensis ssp. minor	E, W (46)
Tripolium pannonicum	E, W (44, 52)

Golovinomyces cichoracearum s.l. P

Lapsana communis	E, I, S, W (49)
Lapsana communis ssp. communis	E, S, W (46)

Golovinomyces circumfusus P

Eupatorium cannabinum	E, I, S, W (35, 41, 44, 46-52)
Eupatorium cannabinum 'Flore Pleno'	W (47)

Golovinomyces cucurbitacearum P

Cucumis sativus	S, W (49)
'Crystal Apple'	W (49)
'Crystal Lemon'	W (49)
'Telegraph'	W (46)

Golovinomyces cucurbitacearum P (cont.)

Cucurbita maxima	W (42, 46, 48, 49)
'Thelma Saunders'	W (46)
Cucurbita moschata	B
Cucurbita pepo	E, I, W (42-44, 46-50)
'Little Gem'	W (44)
Cucurbita pepo var. medullosa	S
Melothria scabra	W (49)

Golovinomyces cynoglossi s.l. P

Asperugo procumbens	B
Borago officinalis	E, I, W (43, 45-49)
Brunnera macrophylla	E, W (44)
Cerinth glabra	B
Cerinth major	E
'Purpurescens'	W (44)
Cerinth minor	E
Cerinth sp.	E
Lithospermum officinale	B
Lycopsis arvensis	E
Nonea lutea	E
Omphalodes sp.	E
Pentaglottis sempervirens	E

Golovinomyces cynoglossi s.s. P

Cynoglossum germanicum	E
Cynoglossum officinale	E, I, W (35, 44, 49)
Cynoglossum sp.	S

Golovinomyces depressus P

Arctium lappa	E, I, W (35, 42-44, 49, 52)
Arctium minus	E, I, S, W (35, 41-43, 46, 50)
Arctium minus ssp. minus	E
Arctium minus ssp. pubens	W (46)
Arctium nemorosum	E, I
Arctium sp.	E, I, S, W (35, 43, 50, 52)
Centaurea montana	E, W (41-44, 46, 48, 49, 52)
Centaurea montana 'Purple Heart'	W (50)
Onopordum acanthium	E, S
Onopordum illyricum	S

Golovinomyces echinopsis P

<i>Echinops bannaticus</i>	E, W (49)
<i>Echinops exaltatus</i>	E
<i>Echinops karatavicus</i>	E
<i>Echinops</i> sp.	I, S, W (42, 46, 50, 51)
<i>Echinops sphaerocephalus</i>	E

Golovinomyces fischeri P

<i>Jacobaea × albescens</i>	E
<i>Jacobaea aquatica</i>	S
<i>Jacobaea maritima</i>	B
<i>Jacobaea vulgaris</i>	E, S
<i>Senecio sarracenicus</i>	E
<i>Senecio squalidus</i>	E
<i>Senecio sylvaticus</i>	E, W (46, 49, 52)
<i>Senecio viscosus</i>	E, S, W (44)
<i>Senecio vulgaris</i>	E, I, S, W (35, 42-44, 46, 47, 49-52)

Golovinomyces hieraciorum P

<i>Hieracium angustatiforma</i>	W (42)
<i>Hieracium apehes</i>	W (42)
<i>Hieracium argentiforme</i>	W (42)
<i>Hieracium britanniciforme</i>	W (42)
<i>Hieracium candelabrae</i>	W (42)
<i>Hieracium cantianum</i>	W (42)
<i>Hieracium charitodon</i>	W (42)
<i>Hieracium cyathis</i>	W (44)
<i>Hieracium daedalolepioides</i>	W (46)
<i>Hieracium dentulum</i>	W (42)
<i>Hieracium diaphanum</i>	W (44)
<i>Hieracium grandidens</i>	W (46)
<i>Hieracium hypochaeroides</i>	W (44)
<i>Hieracium inspissatum</i>	W (42)
<i>Hieracium leptodon</i>	W (44)
<i>Hieracium liguans</i>	W (42)
<i>Hieracium lintonense</i>	W (42)
<i>Hieracium mannidens</i>	W (42)
<i>Hieracium molybdochroum</i>	W (44)
<i>Hieracium neocoracinum</i>	W (42)
<i>Hieracium pollichiae</i>	W (42)
<i>Hieracium pollinarioides</i>	W (42)
<i>Hieracium promontoriale</i>	W (42)
<i>Hieracium radyrense</i>	W (41)
<i>Hieracium rectulum</i>	W (44)
<i>Hieracium riddelsdellii</i>	W (44)

Golovinomyces hieraciorum P (cont.)

Hieracium sect. Sabauda	E
Hieracium sabaudum	W (46)
Hieracium scoticum	W (42)
Hieracium scullyi	W (42)
Hieracium snowdoniense	W (44)
Hieracium sp.	E, I, S, W (41, 43-45, 47, 49)
Hieracium subcrocatum	W (46)
Hieracium subminutidens	W (42)
Hieracium submutabile	W (44)
Hieracium subrude	W (42)
Hieracium tavense	W (42)
Hieracium umbellatum agg.	E, W (43, 47)
Hieracium umbellatum ssp. bichlorophyllum	W (46)
Hieracium vagicola	W (42)
Hieracium vagum	E, W (46)
Hieracium sect. Vulgata	E
Pilosella aurantiaca	W (41, 45)
Pilosella aurantiaca ssp. carpathicola	E, W (43, 46, 47, 49)
Pilosella officinarum	I, W (46)
Pilosella officinarum var. officinarum	E
Pilosella officinarum var. trichosoma	S

Golovinomyces hyoscyami P

Hyoscyamus niger	E
------------------	---

Golovinomyces inulae P

Inula magnifica	E
Pulicaria dysenterica	E
Pulicaria sp.	E

Golovinomyces longipes P

Petunia cv.	W (46, 48)
Petunia × hybrida	E, I, S, W (35, 41, 46, 50-52)

Golovinomyces macrocarpus P

Achillea ligustica	B
Achillea millefolium	E, W (44, 47, 49, 51)
Achillea ptarmica	E
Anthemis sp.	E
Argyranthemum pinnatifidum ssp. pinnatifidum	B
Cota austriaca	E
Cota tinctoria	E
Cota tinctoria ssp. tinctoria	W (41)
Cotula turbinata	B
Glebionis coronaria	B

Golovinomyces macrocarpus P (cont.)

Glebionis segetum	E, W (35, 43, 46, 50-52)
Ismelia carinata	B
Matricaria chamomilla	E
Matricaria discoidea	E
Tanacetum balsamita	B
Tanacetum bipinnatum ssp. bipinnatum	B
Tanacetum coccineum	S
Tanacetum macrophyllum	B
Tanacetum parthenium	E, W (50)
Tanacetum peregrinum	B
Tanacetum roseum	S
Tanacetum vulgare	E, S, W (42, 43, 46, 49)

Golovinomyces magnicellulatus var. magnicellulatus P

Phlox divaricata	E
Phlox drummondii	E
Phlox paniculata	E, I, W (44, 46)
'Border Gem'	W (47)
'Fujiyama'	E
'Louis Blanc'	S
Phlox sp.	E, W (35, 41, 44, 46, 47, 50, 51)
Polemonium caeruleum	E
Golovinomyces monardae P	
Melissa officinalis	E, W (46, 47, 52)
Mentha aquatica	E, I, W (42, 44, 46)
Mentha arvensis	E, I
Mentha longifolia	W (49)
Mentha × piperita	E
Mentha requienii	W (49)
Mentha × rotundifolia	S
Mentha sp.	W (49)
Mentha spicata	E, W (42, 43, 52)
Mentha suaveolens	E, W (49, 52)
Mentha × villosa	E, W (43, 44, 46)
Mentha × villosa var. alopecuroides	E, W (49)
Monarda didyma	E
Monarda sp.	E
Monarda 'Vintage Wine'	W (44)
Origanum vulgare	E, W (42)
Rosmarinus officinalis	E
Thymus drucei	W (42, 49)

Golovinomyces monardae P

Melissa officinalis	E, W (44, 46, 47, 52)
Mentha aquatica	E, I, W (42, 44, 46)
Mentha arvensis	E, I
Mentha longifolia	W (49)
Mentha × piperita	E
Mentha requienii	W (49)
Mentha × rotundifolia	S
Mentha sp.	W (41, 49)
Mentha spicata	E, W (42, 43, 52)
Mentha suaveolens	E, S, W (49, 52)
Mentha × villosa	E, W (43, 44, 46)
Mentha × villosa var. alopecuroides	E, W (49)
Monarda didyma	E
Monarda sp.	E
Monarda 'Vintage Wine'	W (44)
Origanum vulgare	E, W (42)
Rosmarinus officinalis	E
Rosmarinus sp.	B
Thymus drucei	W (42, 44, 49)

Golovinomyces montagnei P

Carduus acanthoides	E
Carduus crispus	E, W (43, 46)
Carduus nutans	E
Carduus tenuiflorus	E, W (41, 52)
Carthamus caeruleus	B
Carthamus tinctorius	B
Centaurea cyanus	E, S
Centaurea cynaroides	B
Centaurea dealbata	B
Centaurea kotschyana	B
Centaurea macrocephala	B
Centaurea macroptilon	B
Centaurea montana	E
Centaurea nigra	E, I, S, W (41-44, 46, 47, 49, 52)
Centaurea oxylepis	B
Centaurea scabiosa	E, W (52)
Cirsium acaule	E
Cirsium arvense	E, S, W (46)
Cirsium eriophorum	E
Cirsium heterophyllum	E, S
Cirsium oleraceum	B
Cirsium palustre	E, S, W (44, 46, 47)

Golovinomyces montagnei P (cont.)

<i>Cirsium rivulare</i> 'Atropurpurea'	E
<i>Cirsium vulgare</i>	E, S, W (42-46, 48, 49, 52)
<i>Cnicus benedictus</i>	B
<i>Cynara cardunculus</i>	E, W (46, 49)
var. <i>scolymus</i>	B
<i>Silybum eburneum</i>	B

Golovinomyces neosalviae P

<i>Salvia officinalis</i>	E, I, S, W (42, 48-50)
---------------------------	------------------------

Golovinomyces orontii P

<i>Acanthus mollis</i>	E, S
<i>Acanthus spinosus</i>	E, W (42)
<i>Antirrhinum majus</i>	E, I, S, W (43, 46, 49)
<i>Begonia minor</i> agg.	S
<i>Begonia</i> sp.	E
<i>Begonia sutherlandii</i>	S
<i>Bryonia dioica</i>	B
<i>Campanula glomerata</i>	S
<i>Campanula latifolia</i>	E
<i>Campanula persicifolia</i>	B
<i>Capsella bursa-pastoris</i>	E
<i>Caralluma</i> sp.	S
<i>Centranthus ruber</i>	E, W (44, 46, 48-50)
<i>Chrysanthemum chanetii</i>	B
<i>Chrysanthemum</i> × <i>grandiflorum</i>	E, I, S, W (51)
<i>Chrysanthemum</i> × <i>morifolium</i>	B
<i>Chrysanthemum</i> sp.	B
<i>Chrysanthemum zawadskii</i>	B
<i>Citrullus</i> sp.	E/S
<i>Cucumis sativus</i>	E, S
<i>Cucurbita maxima</i>	E
<i>Cucurbita pepo</i>	E, I, S, W (42, 44, 46, 48)
<i>Cyclamen</i> sp.	B
<i>Cymbalaria muralis</i>	E, S, W (46, 48, 49, 52)
<i>Digitalis purpurea</i>	W (47)
<i>Erica</i> sp.	B
<i>Eucalyptus cinerea</i>	B
<i>Eucalyptus coccifera</i>	B
<i>Eucalyptus dalrympleana</i>	B
<i>Eucalyptus globulus</i>	B
<i>Eucalyptus gunnii</i>	B
<i>Eucalyptus niphophila</i>	B
<i>Eucalyptus nutans</i>	B

Golovinomyces orontii P (cont.)

<i>Eucalyptus perriniana</i>	B
<i>Eucalyptus</i> sp.	B
<i>Eucalyptus woodwardii</i>	B
<i>Hedera helix</i> agg.	B
<i>Helianthus tuberosus</i>	E
<i>Hydrangea</i> sp.	B
<i>Hylotelephium spectabile</i>	E
<i>Linaria maroccana</i>	E
<i>Linaria purpurea</i>	E, W (44, 46)
<i>Linaria repens</i>	W (46)
<i>Linaria vulgaris</i>	W (44)
<i>Linum</i> sp.	I, W (45)
<i>Linum usitatissimum</i>	E, W (49)
<i>Malva sylvestris</i>	E, W (44)
<i>Misopates orontium</i>	B
<i>Nicotiana alata</i>	W (41)
<i>Nicotiana tabacum</i>	B
<i>Papaver dubium</i>	E, W (46, 52)
<i>Papaver lecoqii</i>	E
<i>Papaver rhoeas</i>	E, W (46, 49)
<i>Papaver rhoeas</i> var. <i>wilkesii</i>	E
<i>Papaver somniferum</i>	E, S, W (43, 46, 48, 49, 52)
<i>Patrinia scabiosifolia</i>	W (44)
<i>Penstemon</i> cv.	E
<i>Petunia</i> × <i>hybrida</i>	E, W (43, 44, 46, 49)
<i>Petunia</i> sp.	E, W (43)
<i>Phedimus spurius</i>	B
<i>Philadelphus</i> sp.	B
<i>Philadelphus</i> × <i>virginalis</i>	W (44)
<i>Ricinus communis</i>	B
<i>Solanum tuberosum</i>	E, W (49)
<i>Solanum tuberosum</i> 'Majestic'	S
<i>Streptocarpus</i> sp.	S
<i>Valeriana dioica</i>	W (44)
<i>Valeriana officinalis</i>	E, S, W (42, 43, 44, 46, 47, 52)
<i>Valeriana phu</i>	E, W (46)
<i>Valeriana pyrenaica</i>	E, W (42, 44)
<i>Valerianella carinata</i>	E, W (43, 44, 46, 49, 52)
<i>Valerianella locusta</i> var. <i>locusta</i>	E, W (46)
<i>Valerianella locusta</i> var. <i>oleracea</i>	W (46)
<i>Verbena bonariensis</i>	E, I, W (35, 44, 46, 48)
<i>Verbena officinalis</i>	E
<i>Verbena</i> × <i>hybrida</i>	E

Golovinomyces orontii P (cont.)

Veronica arvensis		E
Veronica chamaedrys	E, W (44, 46, 49, 52)	
Veronica × franciscana		B
Veronica persica	E, W (44, 49)	
Veronica polita		E
Veronica speciosa		B
Veronica teucrium		E
Vinca major		S
Viola arvensis		E
Viola cornuta 'Rocky'		E
Viola sp.	E, W (49)	
Viola tricolor		E, S
Viola × wittrockiana	E, W (43, 46, 49)	

Golovinomyces pseudosepultus P

Grindelia sp.		E
---------------	--	---

Golovinomyces riedlianus P

Asperula sp. cv.		E
Galium album		E
Galium sp.		B
Galium spurium		E
Galium verum		E

Golovinomyces salvia P

Salvia nemorosa		E
Salvia sp.		E
Salvia verbenaca		E
Salvia verbenaca ssp. horminoides		E

Golovinomyces senecionis P

Tussilago farfara	E, W (50)	
-------------------	-----------	--

Golovinomyces sonchicola P

Sonchus arvensis	E, S, W (42, 44, 46, 48)	
Sonchus asper	E, I, S, W (35, 41-49)	
Sonchus asper ssp. glaucescens	W (46)	
Sonchus oleraceus	E, I, S, W (35, 41-49, 52)	
Sonchus palustris		B
Sonchus pinnatifidus		B

Golovinomyces sordidus P

Plantago coronopus	E, I, W (44, 46, 49)	
Plantago lanceolata	E, S, W (41, 44-49)	

Golovinomyces sordidus P (cont.)

Plantago major	E, I, S, W (35, 41-47, 49, 51)
ssp. intermedia var. intermedia	E
ssp. intermedia var. salina	W (46)
ssp. major	W (35, 41-48, 50)
‘Rosularis’	W (44)
‘Rubrifolia’	W (42)
Plantago maritima	E, I, S, W (35, 41, 44-46, 51)
Plantago media	E, W (44)
Plantago sp.	W (48, 49, 52)

Golovinomyces spadiceus P

Dahlia coccinea	E
Dahlia × hortensis	E
Dahlia pinnata	B
Zinnia elegans	B
Zinnia sp.	B

Golovinomyces verbasci P

Verbascum chaixii ‘Album’	E
Verbascum chaixii cv.	W (46)
Verbascum cv.	W (46)
Verbascum ‘Dark Eyes’	W (49)
Verbascum nigrum	E, S, W (42-44, 46-49, 52)
Verbascum olympicum	E
Verbascum phlomoides	B
Verbascum pulverulentum	E
Verbascum × semialbum	W (48)
Verbascum sp.	E, W (35, 41, 44-52)
Verbascum thapsus	E, I, S, W (35, 41-44, 46-51)
Verbascum virgatum	E

Golovinomyces verbenae P

Verbena bonariensis	E, I
Verbena × hybrida	W (44)
Verbena lasiostachys	B
Verbena macedougalii	B
Verbena sp.	E, S
Verbena stricta	B
Verbena ‘Voodoo Red Star’	W (46)

Golovinomyces vincae P

Vinca major	E, W (35, 42, 48-50)
Vinca major ‘Variegata’	E, W (49)
Vinca minor	S

Gymnosporangium asiaticum R	
Juniperus chinensis	E
Gymnosporangium clavariiforme R	
Crataegus laevigata	E, I, S
Crataegus monogyna	E, I, S, W (35, 42, 43, 46, 49, 52)
Crataegus pinnatifida var. major	W (49)
Crataegus sp.	E, S
Juniperus communis	E, I, S, W (46, 47, 49, 52)
'Hibernica'	E
ssp. nana	S
Juniperus sp.	W (47)
Sorbus aucuparia	S
Sorbus sp.	S
Gymnosporangium confusum R	
Crataegus cv.	E
Crataegus laevigata	E
'Paul's Scarlet'	W (43)
Crataegus monogyna	E, W (35, 41-45, 47, 49-51)
Crataegus pentagyna	E
Crataegus sp.	E, S, W (51)
Cydonia oblonga	E, S
'Vranja'	W (43)
Juniperus sabina	E, W (43)
Mespilus germanica	E, W (43, 47, 49, 50, 52)
'Nottingham'	W (43, 49)
Pyrus communis	B
Gymnosporangium cornutum R	
Juniperus communis	E, S
Juniperus communis ssp. nana	S
Sorbus aria	S
Sorbus aucuparia	E, I, S, W (49)
Sorbus aucuparia cv.	S
Sorbus sargentiana	B
Sorbus sp.	S
Sorbus × thuringiaca	B
Gymnosporangium juniperi-virginianae R	
Malus domestica*	S
Gymnosporangium sabiniae R	
Juniperus sabina	E, S, W (51)
Juniperus × pfitzeriana	E
Pyronia veitchii 'Luxemburgiana'	E

Gymnosporangium sabinae R (cont.)

<i>Pyrus balansae</i>	E
<i>Pyrus calleryana</i>	E, W (42, 43)
'Bradford'	E
'Chanticleer'	E
<i>Pyrus communis</i>	E, W (35, 41-45, 47, 49-52)
'Abbé Fétel'	E
'Beth'	W (47)
'Beurré Bedford'	E
'Beurré Hardy'	E, W (49, 50, 52)
'Bon Cretien'	W (49)
ssp. <i>caucasica</i>	E
'Concorde'	E, W (43, 49)
'Conference'	E, W (43, 49)
'Doyenne du Comice'	W (49)
'Jargonelle'	W (43)
'Marguérite Marillat'	E
'Moonglow'	W (49)
'Pitmaston Duchess'	E
'Snowdon Queen'	W (49)
'Williams' Bon Chrétien'	E
'Williams' Red'	E, W (43, 49)
'Winter Nelis'	W (43)
<i>Pyrus cordata</i>	E, W (46)
<i>Pyrus cossinii</i>	E
<i>Pyrus</i> cv.	E, W (47)
<i>Pyrus elaeagnifolia</i>	E
<i>Pyrus gharbiana</i>	E
<i>Pyrus nivalis</i>	E
<i>Pyrus pashia</i>	E
<i>Pyrus pyrastrer</i>	E
ssp. <i>pyrastrer</i>	W (48)
<i>Pyrus pyrifolia</i>	E
<i>Pyrus salicifolia</i>	E
<i>Pyrus serrulata</i>	E
<i>Pyrus</i> sp.	E, W (43)
<i>Pyrus ussuriensis</i>	E
<i>Pyrus ussuriensis</i> var. <i>ovoidea</i>	E

Gymnosporangium sp. R

<i>Sorbus sargentiana</i>	S
<i>Sorbus</i> × <i>thuringiaca</i>	S

Herpobasidium filicinum A

Dryopteris filix-mas E, W (47)
 Phegopteris connectilis S

Hillenburgia nasturtii A

Nasturtium officinale E

Hillenburgia radicalis A

Agrostis sp. W (46)
 Catabrosa aquatica E
 Festuca rubra ssp. rubra W (46)
 Glyceria fluitans E
 Molinia caerulea E
 Poa annua W (46)

Hyaloperonospora arabidopsidis D

Arabidopsis thaliana E, W (42, 44, 46, 49)

Hyaloperonospora barbareae D

Barbarea verna W (42, 46, 49)

Hyaloperonospora brassicae s.l. D

Raphanus raphanistrum E, S
 Raphanus sativus E, S
 'Caudatus' W (44)
 Sinapis alba E, S
 Sinapis arvensis W (46, 49)

Hyaloperonospora brassicae s.s. D

Brassica cv. W (42, 49-51)
 Brassica napus E, S, W (35, 46, 49, 50)
 Brassica napus ssp. oleifera E, W (43)
 Brassica napus ssp. rapifera E
 Brassica nigra E
 Brassica oleracea E, I, S, W (35, 41, 47, 50, 51)
 Brassica oleracea var. botrytis 'Romanesco' W (43)
 Brassica oleracea var. capitata E, I, S, W (42)
 Brassica oleracea var. gemmifera E, I, S
 Brassica oleracea var. viridis E, S, W (46)
 Brassica pekinensis E
 Brassica rapa ssp. campestris W (49)
 Brassica rapa ssp. rapa E, S

Hyaloperonospora camelinae D

Camelina microcarpa W (49)
 Camelina sativa E

Hyaloperonospora cheiranthi D	
Erysimum cheiranthoides	E
Erysimum cheiri	E, I, S, W (43, 46, 49)
Hyaloperonospora cochleariae D	
Armoracia rusticana	E
Cochlearia danica	W (52)
Cochlearia officinalis	W (46)
Hyaloperonospora dentariae D	
Cardamine bulbifera	E
Hyaloperonospora erophilae D	
Erophila verna	S
Hyaloperonospora erucastri D	
Hirschfeldia incana	W (46)
Hyaloperonospora galligena D	
Aurinaria saxatilis	E, S, W (41, 51)
Hyaloperonospora hesperidis D	
Hesperis matronalis	E, S, W (42)
Hyaloperonospora lobulariae D	
Lobularia maritima	E, W (41, 49)
Hyaloperonospora lunariae D	
Lunaria annua	E
Hyaloperonospora nasturtii-aquatici D	
Cardamine amara	E
Cardamine flexuosa	E, I, W (35, 42-44, 46, 49)
Cardamine hirsuta	E, I, S, W (35, 42-46)
Cardamine pratensis	W (43, 44, 50)
Nasturtium microphyllum	E
Nasturtium officinale	E, S, W (42)
Hyaloperonospora niessliana D	
Alliaria petiolata	E, I, S, W (35, 41-47, 49-52)
Hyaloperonospora parasitica s.l. D	
Hornungia petraea	E
Lepidium draba	E
Lepidium heterophyllum	E
Hyaloperonospora parasitica s.s. D	
Capsella bursa-pastoris	E, I, S, W (42, 44, 46, 49)
Crambe maritima	W (41)

Hyaloperonospora praecox D	
<i>Erophila verna</i>	E, S, W (47)
Hyaloperonospora rorippae-islandicae D	
<i>Rorippa islandica</i>	W (42, 46)
<i>Rorippa palustris</i>	W (42, 46)
<i>Rorippa sylvestris</i>	E
Hyaloperonospora sisymbrii-loeselii D	
<i>Sisymbrium officinale</i>	E, I, S, W (42, 43, 45-51)
Hyaloperonospora thlaspeos-arvensis D	
<i>Thlaspi arvense</i>	E, S
Hyalopsora adianti-capilli-veneris R	
<i>Adiantum capillus-veneris</i>	E, I, S
Hyalopsora aspidiotus R	
<i>Abies</i> sp.	S
<i>Gymnocarpium dryopteris</i>	S
Hyalopsora polypodii R	
<i>Cystopteris fragilis</i>	E, I, S, W (35, 41-44, 47, 48, 50, 51)
<i>Cystopteris fragilis</i> var. <i>dentata</i>	I
Insolibasidium deformans A	
<i>Lonicera pileata</i>	E
<i>Lonicera</i> sp.	E
Jamesdicksonia dactylidis S	
<i>Agrostis</i> sp.	E, S
<i>Holcus lanatus</i>	S
<i>Holcus mollis</i>	S
Jamesdicksonia irregularis S	
<i>Poa annua</i>	E
Juncorrhiza aschersoniana S	
<i>Juncus bufonius</i>	E, S, W (42-44, 46-48)
Juncorrhiza casparyana S	
<i>Juncus articulatus</i> var. <i>articulatus</i>	E, S, W (44, 46-48)
<i>Juncus articulatus</i> var. <i>littoralis</i>	W (46)
<i>Juncus articulatus</i> var. <i>nigritellus</i>	W (42-44, 46)
<i>Juncus bulbosus</i>	S
<i>Juncus bulbosus</i> ssp. <i>kochii</i>	W (43, 46)
<i>Juncus</i> sp.	S
<i>Juncus</i> × <i>surrejanus</i>	W (46)

Kuehneola uredinis R

Rubus ariconiensis	W (44)
Rubus bertramii	W (44, 46)
Rubus biloensis	W (44, 46)
Rubus bloxamii	W (44)
Rubus caesius	E
Rubus cissburiensis	W (44)
Rubus dasyphyllus	W (44)
Rubus fruticosus agg.	E, I, S, W (35, 41-52)
Rubus 'Glynhir curvidens'	W (44)
Rubus gratus	E
Rubus laciniatus	E
Rubus leyanus	W (44)
Rubus lindleianus	W (44)
Rubus lintonii	E
Rubus loganobaccus	B
Rubus longithyriger	W (44)
Rubus 'Merton Thornless'	S
Rubus nessensis	W (46)
Rubus perdigitatus	W (44)
Rubus plicatus	W (44, 46)
Rubus polyanthemus	S
Rubus rossensis	W (44)
Rubus rubescens	E
Rubus rubritinctus	W (44)
Rubus silurum	W (44, 48)
Rubus sp.	S, W (35, 41-43, 45-52)
Rubus ulmifolius	B
Rubus vestitus	E

Leveillula clavata P

Euphorbia pulcherrima	E
-----------------------	---

Leveillula contractirostris P

Alcea sp.	B
Malva olbia	E
Sidalcea malviflora	W (50)

Leveillula lappae P

Cynara cardunculus	E
Gaillardia sp.	B
Gazania sp.	B

Leveillula oxalidicola P

Oxalis acetosella	E
-------------------	---

Leveillula picridis P	
Picris sp.	B
Leveillula ricini P	
Ricinus sp.	E
Leveillula taurica s.l. P	
Echium sp.	S
Echium vulgare	E, W (51)
Greyia sp.	E
Helianthemum 'Amabile Plenum'	S
Helianthemum apenninum 'Ben Macdhui'	S
Helianthemum nummularium 'Chocolate Blotch'	S
Helianthemum nummularium ssp. grandiflorum	E
Helianthemum nummularium ssp. nummularium	E
Helianthemum sp.	S
Helianthemum violaceum 'Rhodanthe Carneum'	B
Pachycymbium sp.	E
Leveillula verbasci P	
Verbascum nigrum	E
Verbascum olympicum	E
Verbascum thapsus	E, S, W (45, 49)
Ligniera junci A	
Agrostis stolonifera var. palustris	W (44)
Aira praecox	W (46)
Alisma plantago-aquatica	E
Aphanes australis	W (45)
Bellis perennis	E, W (46)
Callitriche stagnalis	E
Carex demissa	W (44)
Cerastium diffusum	W (46)
Cerastium fontanum ssp. vulgare	E
Chrysosplenium oppositifolium	W (46)
Cochlearia danica	W (46)
Cymbalaria muralis	W (46)
Erophila verna	W (46)
Euphrasia arctica ssp borealis	W (44)
Festuca rubra ssp. rubra	W (46)
Galium verum	E
Holcus lanatus	W (46)
Iris pseudacorus	E
Juncus articulatus	E
var. articulatus	W (44, 45, 46)
var. littoralis	W (46)

Ligniera junci A (cont.)

<i>Juncus articulatus</i> var. <i>nigritellus</i>	W (46)
<i>Juncus effusus</i>	W (46)
<i>Juncus tenuis</i>	W (46)
<i>Lepidium didymum</i>	W (44)
<i>Littorella uniflora</i>	W (44)
<i>Lolium multiflorum</i>	E
<i>Lolium perenne</i>	E
<i>Luzula campestris</i>	W (46)
<i>Mentha aquatica</i>	W (44)
<i>Mentha pulegium</i>	E
<i>Mimulus guttatus</i>	W (44)
<i>Myosotis ramosissima</i>	W (46)
<i>Narthecium ossifragum</i>	W (46)
<i>Plantago major</i>	E
<i>Poa annua</i>	E
<i>Potamogeton natans</i>	E
<i>Ranunculus aquatilis</i>	E
<i>Ranunculus circinatus</i>	E
<i>Ranunculus flammula</i>	W (46)
<i>Ranunculus omiophyllus</i>	W (46)
<i>Ranunculus repens</i>	W (46)
<i>Rumex acetosa</i> ssp. <i>acetosa</i>	W (46)
<i>Rumex sanguineus</i> ssp. <i>viridis</i>	W (44)
<i>Samolus valerandi</i>	W (44)
<i>Sedum anglicum</i>	W (46)
<i>Spartina</i> × <i>townsendii</i>	E
<i>Tripleurospermum maritimum</i> ssp. <i>maritimum</i>	W (46)
<i>Triticum aestivum</i>	W (41)
<i>Veronica beccabunga</i>	E

Melampsora allii-fragilis R

<i>Allium ursinum</i>	E, W (42, 46, 49, 52)
<i>Salix</i> × <i>fragilis</i>	E, S, W (42, 43)
<i>Salix</i> × <i>meyeriana</i>	W (44)
<i>Salix pentandra</i>	E, I, S, W (44)
<i>Salix</i> sp.	E, S

Melampsora allii-populina R

<i>Allium ursinum</i>	E
<i>Arum maculatum</i>	E, W (44)
<i>Populus</i> 'Balsam Spire'	W (47)
<i>Populus balsamifera</i>	E
<i>Populus</i> × <i>jackii</i>	E
'Aurora'	W (43, 44)

Melampsora allii-populina R (cont.)

Populus nigra	E, S, W (35, 44, 45)
Populus sp.	E
Populus trichocarpa 'Variegata'	S, W (44, 50) S

Melampsora amygdalinae R

Salix × alopecuroides	E
Salix × mollissima	E
Salix purpurea	E
ssp. lambertiana	E
Salix triandra	E, I, W (44, 46)
Salix viminalis	E

Melampsora arctica R

Salix × grahamii	S
Salix herbacea	S, W (42, 46, 49)
Salix lanata	S
Salix lapponum	S
Salix myrsinites	S
Salix pyrenaica	S
Saxifraga hypnoides	S
Saxifraga oppositifolia	S

Melampsora arctica? R

Salix × sadleri	S
-----------------	---

Melampsora caprearum R

Larix decidua	B
Larix kaempferi	B
Salix aurita	E, S, W (41, 44-46, 49, 52)
Salix caprea	E, I, S W (35, 41-52)
ssp. caprea	W (43, 44, 46, 52)
'Kilmarnock'	E, W (42-44, 49)
Salix × capreola	S, W (44)
Salix cinerea	E, S, W (42, 44, 47, 49-52)
ssp. cinerea	E
ssp. oleifolia	E, I, S, W (35, 41, 44, 49)
Salix × flueggiana	S
Salix × holosericea	E, S, W (44, 46)
Salix × laschiana	S
Salix moupinensis	W (44)
Salix × multinervis	E, S, W (44, 46)
Salix × reichardtii	E, S, W (41, 44, 46, 50)
Salix × smithiana	E, S, W (41, 44, 46)
Salix sp.	S, W (41, 47, 49, 52)
Salix viminalis	S

Melampsora epitea R

Ophrys apifera	E
Ribes uva-crispa	W (46, 52)
Salix arbuscula	S

Melampsora euonymi-caprearum R

Euonymus europeaus	E, I, W (35, 41-49, 52)
Euonymus sp.	E, W (41)
Salix sp.	S

Melampsora euphorbiae s.l. R

Euphorbia amygdaloides 'Purpurea'	E, W (44)
Euphorbia amygdaloides ssp. amygdaloides	W (41, 43, 44)
Euphorbia corollata	E
Euphorbia cyparissias	E, W (44, 48, 49, 51, 52)
Euphorbia excelsa	S
Euphorbia exigua	E, W (41, 44, 51)
Euphorbia griffithii	S, W (46)
'Dixter'	E, W (52)
'Fireglow'	E
Euphorbia helioscopia	E, I, S, W (35, 41-52)
Euphorbia hyberna	E, I
Euphorbia lathyris	E, W (44, 46-49, 52)
Euphorbia martinii cv.	E
Euphorbia mellifera	E
Euphorbia paralias	E, W (44, 46, 48, 52)
Euphorbia peplus	E, I, S, W (35, 41-44, 47-52)
Euphorbia polychroma	W (44)
Euphorbia portlandica	W (44, 52)
Euphorbia × pseudovirgata	B
Euphorbia serrulata	E, W (44)
Euphorbia soongarica	E
Euphorbia sp.	W (45, 46, 49)

Melampsora euphorbiae-characiatis R

Euphorbia characias	E, W (46, 48, 51)
Euphorbia characias ssp. wulfenii	E

Melampsora euphorbiae-dulcis R

Euphorbia dulcis	E, I, W (51)
Euphorbia stricta	W (35)

Melampsora galanthi-fragilis R

Galanthus nivalis	S
-------------------	---

Melampsora hypericorum R

Hypericum androsaemum	E, I, S, W (35, 41-52)
'Albury Purple'	W (49)
Hypericum calycinum	E, I, S, W (35, 41-44, 46-52)
Hypericum × desetangsii	I, W (44)
Hypericum hircinum	E, W (41, 44, 46)
ssp. majus	B
Hypericum hirsutum	E
Hypericum humifusum	E, W (44)
Hypericum × inodorum	E, W (35, 41, 44, 47, 48, 50)
'Elstead'	W (48)
Hypericum maculatum	I
ssp. obtusiusculum	I
Hypericum montanum	E
Hypericum oblongifolium	E, W (49)
Hypericum perforatum	E, S, W (44, 48-50)
Hypericum pseudohenryi	E
Hypericum pulchrum	E, I, S, W (43, 44, 46, 49, 52)
Hypericum sp.	E, S, W (43, 47, 49)
Hypericum tetrapterum	I

Melampsora laricis-epitea R

Larix decidua	B
Larix kaempferi	B
Salix acutifolia	W (46)
Salix × ambigua	S
Salix arbuscula	S
Salix argenteoalba	S
Salix aurita	E, I, S, W (49)
Salix aurita × myrsinites	S
Salix caprea	E, S, W (35, 42, 47, 49, 52)
Salix × capreola	S
Salix cinerea	E, S, W (42, 44, 46, 49, 50, 52)
ssp. cinerea	W (41, 42, 44, 49, 52)
ssp. oleifolia	E, S, W (35, 41-46, 48-50, 52)
Salix daphnoides	S, W (44)
Salix elaeagnos	B
Salix × forbyana	W (46)
Salix × fragilis	E, W (35, 41, 44, 47, 49, 50, 52)
Salix herbacea	S
Salix × holosericea	S, W (44, 46)
Salix lapponum	S, W (42)
Salix × margarita	S
Salix × mollissima	S

Melampsora laricis-epitea R (cont.)

Salix × mollissima 'Inger'	W (46)
Salix × mollissima var. hippophaefolia	S
Salix × multinervis	S, W (44)
Salix myrsinifolia	S
Salix myrsinites × phylicifolia	S
Salix phylicifolia	I, S, W (44)
Salix × puberula	S
Salix purpurea	S, W (42, 44, 46, 52)
Salix × reichardtii	W (44, 48)
Salix schwerinii × viminalis	W (46)
Salix × smithiana	S, W (44, 51)
Salix sp.	W (41, 49)
Salix × subsericea	S
Salix × tetrapla	S
Salix triandra	E, W (44)
Salix viminalis	I, S, W (41-47, 49, 52)
Salix viminalis 'Tora'	W (44)

Melampsora laricis-pentandrae R

Salix lucida	S
Salix pentandra	E, S, W (35, 42, 44, 46)
Salix × smithiana	S

Melampsora laricis-populina R

Larix decidua	S
Larix kaempferi	S
Populus 'Balsam Spire'	W (44)
Populus balsamifera	E, S, W (41, 52)
Populus × canadensis	E, I, W (35, 41, 42, 44, 46-52)
'Aurea'	W (41)
'Gelrica'	W (44)
'Heidemij'	B
'Marilandica'	W (35)
'Regenerata'	W (44)
'Robusta'	E, W (35, 41, 44)
'Serotina'	E, W (41, 44, 46)
Populus cv.	E, S, W (41-43, 47-50, 52)
Populus deltoides	E
Populus × euramericana	S
Populus × generosa	E, S
Populus × jackii	E, W (41, 44, 46, 49)
'Aurora'	W (44, 49)
'Gileadensis'	E
Populus nigra	E, I, S, W (49, 50)

Melampsora laricis-populina R (cont.)

Populus nigra cv.	E, W (35, 44)
Populus nigra 'Italica'	E, I, S, W (35, 44)
Populus nigra 'Plantierensis'	W (48)
Populus nigra ssp. betulifolia	E, W (41, 42, 44, 46, 47)
Populus nigra 'Vereecken'	W (46)
Populus pyramidata	E
Populus sp.	E, S, W (44, 47)
Populus szechuanica	E
Populus trichocarpa	E, S, W (35, 44, 46, 49)
Populus trichocarpa × clone	W (49)
Populus trichocarpa × deltoides 'Beaupré'	E, W
Populus trichocarpa × deltoides 'Boelare'	E, W
Populus trichocarpa × deltoides 'Hazendans'	E
Populus trichocarpa × deltoides 'Hoogvorst'	E

Melampsora laricis-tremulae R

Populus alba	S
--------------	---

Melampsora lini R

Linum catharticum	E, I, S, W (35, 41-52)
Radiola linoides	W (52)

Melampsora liniperda R

Linum usitatissimum	E, S, W (45)
---------------------	--------------

Melampsora magnusiana R

Chelidonium majus	W (50)
-------------------	--------

Melampsora pinitorqua R

Pinus nigra	B
Pinus nigra ssp. laricio	B
Pinus pinaster	E
Pinus sylvestris	E, S

Melampsora populnea R

Populus × canescens	S, W (46, 49, 51)
---------------------	-------------------

Melampsora repentis R

Dactylorhiza × formosa	S
Dactylorhiza fuchsii	W (52)
Dactylorhiza incarnata	E, S, W (52)
Dactylorhiza incarnata ssp. coccinea	S, W (44, 52)
Dactylorhiza maculata	E, S, W (52)
Dactylorhiza praetermissa	E, S, W (35, 41, 44)
Dactylorhiza purpurella	S, W (52)
Dactylorhiza sp.	S, W (44, 48, 52)

Melampsora repentis R (cont.)

Epipactis dunensis	E, W (52)
Epipactis palustris	E, W (48, 52)
Goodyera repens	S
Gymnadenia conopsea s.l.	E, I, S
Neottia ovata	E, S
Platanthera chlorantha	W (49)
Salix repens	E, I, S, W (44, 48, 51, 52)
var. argentea	E, W (51, 52)

Melampsora reticulatae R

Salix arbuscula	S
Salix reticulata	S
Saxifraga aizoides	S
Saxifraga hypnoides	S

Melampsora ribesii-viminalis R

Salix purpurea ssp. purpurea	W (44)
Salix sp.	S
Salix viminalis	E, S, W (41, 44, 51)

Melampsora rostrupii R

Mercurialis annua	E
Mercurialis perennis	E, S, W (35, 41-44, 46-52)
Mercurialis sp.	E
Populus alba	E, S, W (41-46, 49-52)
Populus × canadensis ‘Robusta’	S
Populus × canadensis ‘Serotina’	S
Populus × canescens	E, W (41, 43, 44, 48-51)
Populus × euramericana	S
Populus sp.	W (47, 52)
Populus tremula	E, I, S, W (41-44, 46-52)
‘Erecta’	W (44, 48, 50)
Populus × wettsteinii	B

Melampsora salicis-albae R

Salix alba	E, W (41, 44-46, 50)
var. alba	W (44)
var. vitellina	E, S
Salix babylonica	B

Melampsora sp. R

Hypericum × hidcotense	E
Hypericum × inodorum	E, W (35, 41, 44-46, 48, 50, 52)
'Elstead'	E, W (41, 44, 48)
Hypericum patulum	E
Hypericum xylosteifolium	E
Salix repens	S

Melampsora 'Stem Infecting Form' R

Salix × holosericea	W (44, 46)
Salix viminalis	W (44)

Melampsora vernalis R

Saxifraga granulata	S
---------------------	---

Melampsorella caryophyllacearum R

Abies alba	E, I, S
Abies cephalonica	I
Abies concolor ssp. lowiana	I
Abies nordmanniana	S
Abies pectinata	S
Abies pinsapo	B
Cerastium alpinum	E
Cerastium arvense	E, S
Cerastium fontanum	E, I, S, W (45)
Cerastium fontanum ssp. holosteoides	S, W (45)
Cerastium fontanum ssp. vulgare	S, W (42)
Cerastium glomeratum	E, W (47)
Cerastium nigrescens	S
Cerastium semidecandrum	S
Cerastium sp.	E, I, S, W (48-50, 52)
Cerastium tomentosum	E
Stellaria graminea	E, I, S, W (42, 43, 45, 46, 49, 52)
Stellaria holostea	E, I, S, W (42, 43, 46, 48, 52)
Stellaria media	W (46, 52)
Stellaria palustris	S
Stellaria sp.	E, S, W (46, 50)

Melampsorella symphyti R

Symphytum asperum	E, S
Symphytum officinale	E, I, S, W (35, 42, 43, 45, 49-52)
Symphytum officinale var. purpureum	E
Symphytum peregrinum	E
Symphytum sp.	E, S, W (43-45, 50)
Symphytum tuberosum	E, S
Symphytum × uplandicum	E, S, W (42, 45, 46, 49-52)

Melampsoridium betulinum R

<i>Alnus cordata</i>	E, W (35, 44, 46)
<i>Alnus glutinosa</i>	E, I, S, W (35, 41, 42, 44, 46-50, 52)
<i>f. incisa</i>	B
<i>var. macrocarpa</i>	W (46)
<i>Alnus incana</i>	E, S, W (42, 44, 46, 49)
<i>Alnus rubra</i>	W (42, 44)
<i>Alnus sp.</i>	E, I, S, W (41, 44)
<i>Betula × aurata</i>	I, W (41, 48)
<i>Betula ermanii</i>	W (41, 44, 49)
<i>Betula fontinalis</i>	S
<i>Betula litwinowii</i>	E
<i>Betula nana</i>	B
<i>Betula nigra</i>	B
<i>Betula occidentalis</i>	E, S
<i>Betula papyrifera</i>	S
<i>Betula papyrifera × pendula</i>	S
<i>Betula pendula</i>	E, I, S, W (35, 41-46, 48, 49, 51, 52)
<i>Betula populifolia</i>	W (44)
<i>Betula pubescens</i>	E, I, S, W (35, 41-44, 46, 48, 49, 52)
<i>ssp. celtiberica</i>	I, W (47, 48)
<i>ssp. pubescens</i>	W (35, 41, 42, 44, 46, 49)
<i>ssp. tortuosa</i>	S, W (42)
<i>Betula sp.</i>	E, I, S, W (35, 41-44, 48-52)
<i>Betula utilis ssp. albosinensis</i>	W (49)
<i>Betula utilis var. jacquemontii</i>	S, W (44, 46, 49, 50)
‘Inverleith’	W (44)
‘Multistem’	W (44)
‘Silver Shadow’	W (44)
<i>Larix decidua</i>	E, S
<i>Larix gmelinii</i>	B
<i>Larix kaempferi</i>	S
<i>Larix potaninii</i>	E

Melampsoridium hiratsukanum R

<i>Alnus cordata</i>	E, W (44, 46)
<i>Alnus glutinosa</i>	E, I, S, W (41-52)
<i>var. glutinosa</i>	B
<i>var. macrocarpa</i>	E, I, S, W (41, 42, 44, 46-49, 52)
<i>Alnus × hybrida</i>	E, W (43, 44)
<i>Alnus incana</i>	E, S, W (41-44, 46, 48, 49, 52)
<i>Alnus rubra</i>	W (42, 44)
<i>Alnus sp.</i>	E, S, W (43)
<i>Betula pubescens</i>	W (44)

Melanopsichium pennsylvanicum S	
Polygonum aviculare s.l.	E
Melanotaenium cingens S	
Linaria vulgaris	E?, W (48, 50, 51)
Melanotaenium endogenum S	
Galium album	E
Galium verum	E, I, S, W (46, 52)
Melanotaenium hypogaeum S	
Kickxia spuria	E
Melanotaenium jaapii S	
Lamium album	E
Melanustilospora ari S	
Arum maculatum	E, W (49)
Microbotryum anomalum S	
Fallopia convolvulus	E
Microbotryum bistortarum S	
Bistorta officinalis	E
Bistorta vivipara	S
Microbotryum cordae S	
Persicaria hydropiper	E, S, W (35, 41, 43, 44, 46, 47, 49)
Persicaria lapathifolia	W (41, 52)
Persicaria maculosa	I, S, W (46, 47)
Persicaria maculosa var. dumosa	W (46)
Microbotryum coronariae S	
Silene flos-cuculi	S, W (43, 44, 46-52)
Microbotryum dianthorum S	
Dianthus 'Atkinsonii'	E
Dianthus caryophyllus	E
Dianthus cv.	E
Dianthus musalae	E
Dianthus pavonius	E
Microbotryum duriaeanum S	
Cerastium diffusum	W (46)
Cerastium glomeratum	E, W (46, 47)
Microbotryum floscolorum S	
Knautia arvensis	E, I, S
Succisa pratensis	E, S

Microbotryum intermedium S	
Scabiosa columbaria	E, S
Microbotryum kuehneanum S	
Rumex acetosella	E, S
Microbotryum lagerheimii S	
Silene uniflora	E
Microbotryum lychnidis-dioicae S	
Silene × hampeana	E
Silene latifolia ssp. alba	E, I, S, W (44, 51)
Microbotryum majus S	
Silene otites	E
Microbotryum marginale S	
Bistorta officinalis	E
Microbotryum moenchiae-manticae S	
Moenchia erecta	E, W (47)
Microbotryum parlatorei S	
Rumex conglomeratus	E
Rumex crispus	E, S
Rumex obtusifolius	E
Rumex sanguineus var. viridis	E
Microbotryum pinguiculae S	
Pinguicula vulgaris	E, S, W (42-44, 46, 48, 49)
Microbotryum reticulatum S	
Persicaria lapathifolia	E, W (41-44, 46, 52)
Persicaria lapathifolia ssp. pallida	W (46)
Persicaria maculosa	E, S
Microbotryum saponariae S	
Saponaria officinalis	E, W (35, 41)
Microbotryum scabiosae S	
Knautia arvensis	E, I, S
Microbotryum scorzonerae S	
Scorzonera humilis	E, W (41)
Microbotryum silenes-acaulis S	
Silene acaulis	I, S, W (49)
Microbotryum silenes-dioicae S	
Silene dioica	E, I, S, W (35, 41-49, 51, 52)

Microbotryum silenes-inflatae S

Silene uniflora	E, S, W (42, 44-46, 51, 52)
Silene uniflora × vulgaris	W (46)
Silene vulgaris	E

Microbotryum stellariae S

Stellaria alsine	E, I
Stellaria aquatica	E
Stellaria graminea	E, I, S, W (35, 41-44, 46, 48-50, 52)
Stellaria holostea	E, S
Stellaria palustris	E

Microbotryum stygium S

Rumex acetosa	E, S, W (44, 51, 52)
---------------	----------------------

Microbotryum succisae S

Succisa pratensis	E, I, S, W (41-43, 45, 46, 49-51)
-------------------	-----------------------------------

Microbotryum tragopogonis-pratensis S

Tragopogon porrifolius	E, I
Tragopogon pratensis	E, S, W (35, 41, 43, 51, 52)

Microbotryum vinosum S

Oxyria digyna	E, S
---------------	------

Microbotryum violaceum s.l. S

Silene nutans	E
---------------	---

Microstroma album S

Quercus brantii	E
Quercus cerris	E, I, W (35, 41, 46)
Quercus petraea	E, I, W (42-44)
Quercus pubescens	E
Quercus robur	E, I, W (35, 41-44, 46-48)
Quercus robur 'Cristata Group'	I
Quercus × rosacea	W (42, 43, 46, 48, 51)
Quercus sp.	E, I, S, W (41, 47)

Milesina blechni R

Blechnum spicant	E, I, S, W (35, 41-52)
------------------	------------------------

Milesina carpatorum R

Dryopteris affinis	W (44)
Dryopteris affinis ssp. borrieri	W (44)
Dryopteris carthusiana	W (46)
Dryopteris filix-mas	E, W (44, 46)

Milesina dieteliana R

Polypodium cambricum	I, W (41, 42, 44, 45, 50)
Polypodium cambricum 'Pulcherrimum Group'	W (42)
Polypodium interjectum	E, I, S, W (35, 41-46, 48-52)
Polypodium × mantonii	W (42, 44-49, 51)
Polypodium sp.	E, W (44, 48, 49)
Polypodium vulgare	E, I, S, W (35, 41-46, 48-52)
Polypodium vulgare s.l.	E, S, W (41, 42, 45, 48, 49)

Milesina kriegeriana R

Abies alba	S
Abies cephalonica	S
Abies nordmanniana	S
Athyrium filix-femina	E, W (48, 49)
Dryopteris aemula	S, W (44)
Dryopteris affinis agg.	E, S, W (44-46, 48-50, 52)
Dryopteris affinis ssp. affinis	E, W (44)
Dryopteris affinis ssp. borrieri	W (44)
Dryopteris atrata	E
Dryopteris carthusiana	E, I, S, W (46, 49)
Dryopteris cristata	E, I
Dryopteris dilatata	E, I, S, W (35, 41-52)
Dryopteris filix-mas	E, I, S, W (35, 41-49, 52)
Dryopteris filix-mas 'Barnesii'	E

Milesina magnusiana R

Asplenium adiantum-nigrum	I
Asplenium sp.	S

Milesina murariae R

Asplenium ruta-muraria	E, I, S, W (35, 41-52)
------------------------	------------------------

Milesina neovogesiaca R

Polystichum aculeatum	E, I, S, W (42-44, 47)
Polystichum × bicknellii	E
Polystichum setiferum	E, I, S, W (44-46)

Milesina scolopendrii R

Asplenium scolopendrium	E, I, S, W (35, 41-52)
Asplenium scolopendrium 'Cristata'	W (44)

Milesina whitei R	
Polystichum acrostichoides	E
Polystichum aculeatum	E, I, W (42-44, 47, 52)
Polystichum setiferum	E, I, S, W (35, 41-50, 52)
var. congestum	E
'Divisilobum'	W (42)
Miyabella aecidioides A	
Amphicarpaea bracteata	E
Nannfeldtiomyces sparganii S	
Sparganium erectum	E
Naohidemycetes vacciniorum R	
Vaccinium × intermedium	W (46)
Vaccinium myrtillus	E, I, S, W (35, 41-52)
Vaccinium oxycoccum	E, W (42, 44, 46, 49)
Vaccinium sp.	W (49)
Vaccinium uliginosum	S
Vaccinium vitis-idaea	E, S, W (35, 42-44, 46-49)
Neoerysiphe cumminsiana P	
Tagetes sp.	W (41)
Neoerysiphe galeopsidis P	
Acanthus mollis	E, W (35, 42-44, 46, 47, 49, 50, 52)
Acanthus sp.	W (41)
Acanthus spinosus	E, W (46)
Ajuga reptans	E, W (49)
'Bronze Bugle'	E
'Burgundy Glow'	E
Alcea rosea	B
Ballota nigra	E, W (41, 46)
Betonica officinalis	E, W (42, 46, 49)
Catalpa bignonioides 'Aurea'	E
Catalpa speciosa	E
×Chitalpa cv.	B
Clinopodium acinos	B
Galeopsis angustifolia	E
Galeopsis bifida	E, W (35, 46, 47)
Galeopsis ladanum	E
Galeopsis segetum	E
Galeopsis sp.	W (35, 43, 47)
Galeopsis speciosa	E
Galeopsis tetrahit	E, W (35, 42-44, 46-48)
Glechoma hederacea	E, S, W (41, 44, 46)

Neoerysiphe galeopsidis P (cont.)

Lamiaeum galeobdolon ssp. argentatum	E, W (42-49, 52)
Lamiaeum galeobdolon ssp. montanum	E, S, W (42, 43, 46)
Lamium album	E, S, W (42-47, 49-51)
Lamium amplexicaule	E, S, W (44, 46)
Lamium confertum	B
Lamium hybridum	E, W (46, 49, 52)
Lamium maculatum	E, S, W (47)
Lamium purpureum	E, I, S, W (35, 42, 43, 45-49, 52)
Lamium sp.	S
Lycopus sp.	B
Marrubium incanum	B
Marrubium vulgare	S
Melissa officinalis	W (46)
Monarda didyma	E
Nepeta cataria	W (44)
Origanum sp.	S
Origanum vulgare	E, W (52)
Rosmarinus officinalis	E, S
Salvia officinalis	E
Salvia verbenaca	E
Sideritis sp.	S
Stachys alpina	B
Stachys × ambigua	E, S, W (49)
Stachys arvensis	E, W (42, 46, 49)
Stachys byzantina	E, S, W, (47-52)
Stachys byzantina 'Big Ears'	W (46)
Stachys germanica	E
Stachys palustris	E, I, S, W (41, 45, 46, 52)
Stachys sylvatica	E, I, S, W (35, 41-44, 46-50, 52)

Neoerysiphe galii P

Cruciata laevipes	E
Galium album	W (49)
Galium aparine	E, S, W (41-49, 52)
Galium odoratum	E, S, W (43, 44, 46, 47, 49, 52)
Galium palustre	E
Galium verum	S, W (43)
Rubia peregrina	B

Neoerysiphe geranii P

Geranium 'Brookside'	E
Geranium collinum	W (46)
Geranium × johnsonii 'Johnson's Blue'	W (42)
Geranium × magnificum	E, W (44, 46)

Neerysiphe geranii P (cont.)

Geranium phaeum		I
Geranium pratense	E, W (35, 44, 46)	
'Summer Skies'		W (44)
Geranium psilostemon		E
Geranium sinense		S
Geranium sp.	E, S, W (52)	

Neerysiphe nevoi P

Catananche caerulea		E
Lapsana communis ssp. communis	E, I, S, W (41, 42, 44, 46-48, 51)	

Nyssopsora echinata P

Meum athamanticum		S
-------------------	--	---

Ochropsora ariae R

Anemone × fulgens		E
Anemone nemorosa	E, S, W (41, 42, 44-52)	
Malus domestica		B
Malus sylvestris		W (41)
Sorbus aucuparia		E, S
Sorbus torminalis		E

Oidiopsis cisti P

Cistus sp.		W (51)
Helianthemum sp.		W (51)

Oidiopsis parietariae P

Parietaria judaica		E
--------------------	--	---

Oidium sp. P

Ulex europaeus		W (49)
Ulex gallii		W (46)

Olpidium agrostidis A

Agrostis stolonifera		E
var. maritima	W (44, 46)	
var. palustris	W (46)	
var. stolonifera	W (46)	

Olpidium brassicae s.l. A

Aira praecox		W (46)
Alliaria petiolata		W (46)
Atriplex prostrata		W (46)
Beta maritima ssp. maritima		W (46)
Beta vulgaris ssp. vulgaris		E
Brassica napus ssp. oleifera		E
Brassica oleracea		E

Olpidium brassicae s.l. A (cont.)

Cucumis sativus	E, W (41)
Erophila verna	W (46)
Papaver rhoeas	W (46)
Polygonum aviculare	W (44)
Ranunculus bulbosus	W (46)
Ranunculus repens	W (46)
Solanum lycopersicum	E, W (41, 42)
Thymus drucei	W (46)
Trifolium repens	W (46)
Veronica beccabunga	E
Veronica chamaedrys	W (46)
Veronica hederifolia ssp. hederifolia	W (46)
Veronica montana	W (44)
Veronica officinalis	W (46)

Olpidium radicale s.l. A

Anthoxanthum odoratum	W (46)
Bellis perennis	W (46)
Callitriche stagnalis	W (46)
Capsella bursa-pastoris	W (46)
Cerastium glomeratum	W (46)
Cerastium semidecandrum	W (46)
Cucumis sativus	E, W (41)
Lepidium didymum	W (46)
Nasturtium officinale	W (46)
Poa annua	W (46)

Olpidium sp. A

Tulipa sp.	E
------------	---

Paraperonospora leptosperma s.l. D

Anthemis cotula	E
Argyranthemum frutescens	E
Matricaria chamomilla	E, W (35, 43, 49, 52)
Matricaria discoidea	E, W (43, 46, 49, 52)
Tripleurospermum inodorum	E, I, S, W (43, 46, 52)
Tripleurospermum maritimum ssp. maritimum	E, S, W (44, 46, 52)

Parvulago marina S

Eleocharis parvula	E
--------------------	---

Peridermium oblongisporium R

Pinus contorta	W (44)
Pinus nigra	S, W (51)
Pinus nigra ssp. laricio	E, W (35, 44-46)
Pinus pinaster	S, W (44)
Pinus sylvestris	E, S, W (42, 44)

Perofascia lepidii D

Lepidium coronopus	E, W (46)
Lepidium didymum	E, W (35, 46)
Lepidium draba	E
Lepidium heterophyllum	E
Lepidium sativum	W (44)

Peronospora aestivalis D

Medicago sativa	E, W (41, 44)
-----------------	---------------

Peronospora affinis D

Fumaria bastardii var. bastardii	W (45, 46, 49, 52)
Fumaria capreolata	E
Fumaria densiflora	S
Fumaria muralis ssp. boraei	I, W (42, 43, 45, 46, 49, 50)
Fumaria officinalis	E, I, S, W (43-45, 49, 52)
ssp. officinalis	E, I, W (44, 46)
ssp. wirtgenii	W (46)
Fumaria purpurea	W (41)
Fumaria sp.	E, S, W (49)

Peronospora agrestis D

Veronica agrestis	E, S, W (43)
Veronica arvensis	E, W (42, 43, 46, 49, 50)
Veronica chamaedrys	E, S, W (46, 49, 50)
Veronica filiformis	E, S, W (41)
Veronica persica	E, W (43, 45, 48, 49)
Veronica polita	E

Peronospora agrimoniae D

Agrimonia procera	E, W (43)
-------------------	-----------

Peronospora agrostemmatidis D

Agrostemma githago	E, W (43)
--------------------	-----------

Peronospora alchemillae D

Alchemilla vulgaris agg.	E, S
--------------------------	------

Peronospora alsinearum D

Stellaria media	E, I, S, W (44-47, 49-52)
-----------------	---------------------------

Peronospora alta D	
Plantago lanceolata	E, S, W (43, 51)
Plantago major ssp. intermedia	E
Plantago major ssp. major	E, I, S, W (35, 41-44, 46, 48-51)
Plantago media	E, I, S
Peronospora anemones D	
Anemone coronaria	E, W (35, 45, 46, 49)
Anemone nemorosa	E, S
Peronospora antirrhini D	
Antirrhinum majus	E, I, S, W (35, 44, 46, 49)
Misopates orontium	E, W (44)
Peronospora aparines D	
Galium aparine	E, I, S, W (35, 41-52)
Peronospora aquatica D	
Veronica catenata	E
Peronospora aquilegiicola D	
Aquilegia vulgaris	E, W (41, 42, 44)
Peronospora arborescens s.l. D	
Papaver alpinum	E
Papaver dubium	E, S, W (52)
Papaver lecoqii	E
Papaver setiferum	W (46)
Peronospora arborescens s.s. D	
Papaver rhoeas	E, S
Peronospora arenariae D	
Moehringia trinervia	E, S, W (42, 44, 46, 47, 51)
Peronospora argemones D	
Roemeria argemone	E, S
Peronospora arthurii D	
Clarkia unguiculata	S
Oenothera cambrica	W (49)
Oenothera glazioviana	E
Oenothera sp.	E, S, W (49)
Peronospora arvensis D	
Veronica hederifolia	E, W (42-52)
Peronospora aubrietae D	
Aubrieta sp.	E, S

Peronospora belbahrii D	
Agastache sp.	E
Ocimum basilicum	E
Peronospora boni-henrici D	
Blitum bonus-henricus	E, W (35, 52)
Peronospora brassicae D	
Coincya monensis	E
Peronospora calotheca D	
Galium odoratum	E, I, S, W (42, 43, 46-50)
Peronospora campestris D	
Arenaria serpyllifolia	E
Peronospora centranthi D	
Centranthus ruber	E
Peronospora chenopodii D	
Chenopodium album	E, I, S, W (42-46, 49-52)
Chenopodium ficifolium	W (35, 44, 46)
Chenopodium quinoa	W (42)
'Temuco'	W (44)
Oxybasis rubra	E, W (35)
Peronospora chenopodii-glauci D	
Oxybasis glauca	E
Peronospora chenopodii-polyspermi D	
Chenopodiastrum murale	E
Lipandra polysperma	E, W (35)
Peronospora chlorae D	
Blackstonia perfoliata	E
Eustoma grandiflorum	E
Peronospora chrysosplenii D	
Chrysosplenium alternifolium	E, S
Chrysosplenium oppositifolium	E, S
Peronospora conferta D	
Cerastium alpinum	S
Cerastium fontanum ssp. holosteoides	E?, I, S
Cerastium fontanum ssp. vulgare	E, I, S, W (42-52)
Cerastium glomeratum	E, W (35, 46)
Cerastium sp.	W (45)

Peronospora conglomerata D

Geranium dissectum	E, W (44, 46, 49)
Geranium lucidum	E, W (46, 49)
Geranium molle	E, I, S, W (42-46, 48, 49, 52)
Geranium phaeum	E
Geranium pusillum	E, S
Geranium pyrenaicum	W (42, 44, 52)
Geranium robertianum	W (46)

Peronospora corollae D

Campanula cochlearifolia	E
--------------------------	---

Peronospora crispula D

Reseda lutea	E
Reseda luteola	E, W (46, 49)

Peronospora cyparissiae D

Euphorbia amygdaloides ssp. amygdaloides	E
--	---

Peronospora cytisi D

Laburnum anagyroides	E
----------------------	---

Peronospora debaryi D

Urtica urens	E, S
--------------	------

Peronospora destructor D

Allium cepa	E, I, S, W (41, 42, 44-46, 48-50)
Allium fistulosum	E, I
Allium porrum	E, S
Allium triquetrum	E
Allium ursinum	E, W (50)

Peronospora dianthicola D

Dianthus caryophyllus	E
Dianthus chinensis var. heddewigii	E

Peronospora digitalidis D

Digitalis purpurea	E, S, W (49, 51, 52)
--------------------	----------------------

Peronospora diplotaxidis D

Diplotaxis muralis	E
--------------------	---

Peronospora dipsaci D

Dipsacus fullonum	E, W (41, 43, 44)
-------------------	-------------------

Peronospora effusa D

Spinacia oleracea	E, I, S, W (47)
-------------------	-----------------

Peronospora erodii D	
Erodium cicutarium	E
Erodium moschatum	E
Peronospora ervi D	
Ervilia hirsuta	E, S, W (41-43, 45, 46, 49, 52)
Peronospora erythraeae D	
Centaurium erythraea	E, W (43, 44, 46, 49)
Peronospora euphorbiae D	
Euphorbia paralias	E
Euphorbia peplus	E
Peronospora fabae D	
Vicia faba	E
Peronospora ficariae D	
Ficaria verna	E, I, S, W (35, 41, 49-52)
ssp. fertilis	S, W (35, 41-50)
ssp. ficariiformis	W (45)
ssp. verna	E, W (42, 43, 46-48)
Peronospora flava D	
Linaria purpurea	W (46)
Linaria vulgaris	E, W (45, 46)
Peronospora fragariae D	
Fragaria sp.	E
Peronospora fulva D	
Lathyrus nissolia	E, W (35)
Lathyrus pratensis	E, S
Peronospora galegae D	
Galega officinalis	E
Peronospora galii D	
Galium album	E
Galium boreale	S
Galium palustre	E, W (43, 46, 49, 52)
Galium saxatile	E, S, W (46)
Galium verum	S, W (46)
Peronospora gei D	
Geum rivale	S
Geum urbanum	E, W (50, 51)

Peronospora grisea D

Veronica beccabunga	E, I, S, W (42-50, 52)
Veronica montana	I, W (35, 44)
Veronica officinalis	S
Veronica subgen. Pseudoveronica (Hebe) sp.	E, W (48, 49, 52)
Veronica serpyllifolia	E, I, S, W (35, 41-50, 52)
Veronica 'Sunset Boulevard'	E

Peronospora hariatii D

Buddleja davidii	E, W (43, 45, 48, 49, 52)
Buddleja globosa	E

Peronospora hiemalis D

Ranunculus acris	E, W (43)
------------------	-----------

Peronospora honckenya D

Honckenya peploides	E, S, W (44, 49)
---------------------	------------------

Peronospora hornungiae D

Hornungia petraea	E
-------------------	---

Peronospora hyoscyami D

Hyoscyamus niger	E
------------------	---

Peronospora iberidis D

Iberis amara	E
Iberis sempervirens	E

Peronospora jaapiana D

Rheum × rhabarbarum	E
---------------------	---

Peronospora jacksonii D

Erythranthe guttata	E
Erythranthe sp.	E, W (35)

Peronospora knautiae D

Knautia arvensis	E
------------------	---

Peronospora lamii D

Lamium album	E
Lamium amplexicaule	E, S
Lamium maculatum	E, S, W (47, 52)
Lamium purpureum	E, I, S, W (42, 49, 51, 52)

Peronospora lepigoni D

Spergularia marina	E
Spergularia media	E
Spergularia rubra	E

Peronospora leptoclada D	
Helianthemum nummularium	E
Peronospora linariae D	
Chaenorhinum minus	E
Cymbalaria muralis	W (49)
Peronospora lotorum D	
Lotus corniculatus	E, I, S, W (42, 44, 48, 49)
Lotus pedunculatus	E, S, W (35, 41-49, 52)
Peronospora manshurica D	
Glycine max	E
Peronospora matthiolae D	
Matthiola sp.	E, S
Peronospora mayorii D	
Vicia cracca	E, S, W (49)
Peronospora meconopsidis D	
Meconopsis betonicifolia	I, W (47)
Meconopsis latifolia	S
Meconopsis napaulensis	E
Meconopsis simplicifolia	S
Papaver cambricum	E, I, S, W (41-44, 46-51)
Papaver somniferum	E, S, W (42, 43, 46, 48, 49)
Papaver somniferum 'Dark Plum'	E
Peronospora melandryi D	
Silene dioica	E, W (52)
Peronospora meliloti D	
Melilotus altissimus	E, W (44)
Melilotus officinalis	E, W (44)
Peronospora mesembryanthemi D	
Dorotheanthus bellidiformis	E, W (35)
Peronospora minor D	
Atriplex glabriuscula	S
Atriplex patula	E, S, W (46, 48, 49, 52)
Atriplex portulacoides	E
Atriplex prostrata	E, S, W (42, 46, 48-50, 52)
Peronospora myosotidis D	
Myosotis arvensis	E, I, S, W (43)
Myosotis discolor	S
Myosotis laxa ssp. caespitosa	S
Myosotis ramosissima	E

Peronospora myosotidis D (cont.)

Myosotis scorpioides	E, W (43)
Myosotis secunda	W (42)
Myosotis sp.	S
Myosotis sylvatica	E, W (42-44, 46, 49, 51)
Myosotis sylvatica var. culta	E

Peronospora obovata D

Spergula arvensis	E, I, S, W (35, 42, 46, 49)
Spergularia marina	E, S
Spergularia media	E
Spergularia rubra	E

Peronospora oerteliana D

Primula juliae	E
Primula pulverulenta	E, S
Primula veris	E, I, W (50)
Primula vulgaris	E, I, S, W (35, 42, 44, 47, 48, 51)
Primula 'Wanda'	E

Peronospora ononidis D

Ononis repens	W (46)
Ononis sp.	E

Peronospora ornithopi D

Ornithopus perpusillus	E, W (49)
------------------------	-----------

Peronospora orobi D

Lathyrus linifolius	E, S, W (47)
---------------------	--------------

Peronospora parva D

Stellaria alsine	W (42, 47, 49, 52)
Stellaria graminea	W (49)
Stellaria pallida	W (46)

Peronospora paula D

Cerastium diffusum	S
Cerastium fontanum ssp. vulgare	E, W (35, 43, 44, 46, 48)

Peronospora phlogina D

Phlox sp.	E, W (46)
-----------	-----------

Peronospora pisi D

Lathyrus oleraceus	E, I, S, W (35, 41, 47)
--------------------	-------------------------

Peronospora polygoni D

Persicaria maculosa	E
Polygonum aviculare s.l.	E, I, S, W (46, 49, 52)
Polygonum depressum	E

Peronospora polygoni-convolvuli D	
Fallopia baldschuanica	E
Fallopia convolvulus	E, W (49)
Reynoutria japonica	W (49)
Peronospora potentillae-reptantis D	
Potentilla erecta	S
Potentilla reptans	E, W (41, 49, 51)
Peronospora potentillae-sterilis D	
Potentilla recta	E
Potentilla sterilis	E, W (42-44, 46, 48, 49)
Peronospora pulveracea D	
Helleborus foetidus	E
Helleborus niger	E, I
Helleborus sp.	I
Peronospora radii D	
Glebionis segetum	I
Peronospora ranunculi D	
Ranunculus acris	E, I, S, W (35, 41, 44, 46, 49, 52)
Ranunculus bulbosus	E, S, W (35, 44, 46, 49)
Ranunculus flammula	E, S, W (35, 43, 44, 46, 47, 49)
Ranunculus repens	E, I, S, W (35, 41-52)
Peronospora romanica D	
Medicago lupulina	E, I, S, W (41, 43-45, 47, 50)
Peronospora rubi D	
Rubus fruticosus agg.	E, S, W (41-43, 49, 52)
Rubus fruticosus agg. × idaeus	W (49)
Rubus idaeus	W (49-52)
Rubus idaeus × fruticosus 'Tummelberry'	E
Rubus ulmifolius	E
Rubus vitifolius ssp. ursinus	E
Peronospora rumicis D	
Rumex acetosa	W (44)
Rumex acetosa ssp. acetosa	E, I, S, W (42, 43, 45, 46, 48, 49)
Peronospora sanguisorbae D	
Poterium sanguisorba	E
Sanguisorba officinalis	E
Peronospora schachtii D	
Beta vulgaris ssp. maritima	E, I, W (49, 52)
Beta vulgaris ssp. vulgaris	E, I, S, W (46)

Peronospora scleranthi D	
Scleranthus annuus	E, S
Peronospora senneniana D	
Lathyrus palustris	I
Lathyrus sylvestris	E, W (44)
Peronospora sepium D	
Vicia sepium	E, I, S, W (35, 41-44, 46, 49-51)
Peronospora sherardiae D	
Sherardia arvensis	E, W (43, 46)
Peronospora sisymbrii-officinalis D	
Sisymbrium officinale	E
Peronospora sisymbrii-orientalis D	
Sisymbrium irio	E, I
Sisymbrium orientale	E
Peronospora somniferi D	
Papaver somniferum	E
Peronospora sordida D	
Phygelius aequalis 'Yellow Trumpet'	E
Scrophularia auriculata	E, I, W (46)
Scrophularia nodosa	E, I, S, W (35, 41, 43, 44, 46-52)
Peronospora sp. D	
Ervum tetraspermum	E, W (35)
Suaeda maritima	E, W (52)
Peronospora sparsa D	
Prunus laurocerasus	E, W (41)
Rosa cv.	E, W (49)
Rosa spinosissima	E
Peronospora stachydis D	
Stachys arvensis	E
Stachys palustris	E, S
Stachys sylvatica	S, W (50)
Peronospora statices D	
Limonium sp.	E, S
Peronospora stigmaticola D	
Mentha aquatica	E, W (46)

Peronospora symphyti D

Symphytum asperum	E
Symphytum officinale	E, W (48, 51)
Symphytum orientale	E
Symphytum sp.	E, W (51)
Symphytum tuberosum	E
Symphytum × uplandicum	E, I

Peronospora tabacina D

Nicotiana cv.	W (45)
Nicotiana glutinosa	E
Nicotiana sylvestris cv.	E, W (49)
Nicotiana tabacum	E, S, W (49, 52)

Peronospora tomentosa D

Cerastium glomeratum	E, S, W (35, 41-47, 49, 52)
----------------------	-----------------------------

Peronospora trifolii-arvensis D

Trifolium dubium	E, S, W (35, 41-44, 51)
------------------	-------------------------

Peronospora trifolii-hybridi D

Trifolium hybridum	E, S, W (50)
Trifolium pratense	E, I, S, W (42, 46)

Peronospora trifoliorum s.l. D

Trifolium incarnatum	E, S
Trifolium medium	E, S, W (35, 41-44, 51)
Trifolium repens	E, I, S, W (42, 43, 51)
Trifolium sp.	I, W (47)
Trifolium subterraneum	E

Peronospora trigonellae D

Trigonella foenum-graecum	E
---------------------------	---

Peronospora valerianae D

Valeriana officinalis	E, S, W (42, 49, 52)
-----------------------	----------------------

Peronospora valerianellae D

Valerianella carinata	E, W (41, 46, 49)
Valerianella locusta	E, S, W (46)

Peronospora valesiaca D

Euphorbia paralias	E
--------------------	---

Peronospora verbasci D

Verbascum densiflorum	E
Verbascum nigrum	E
Verbascum thapsus	E

Peronospora verbenae D

Verbena hastata W (43, 44)
 Verbena officinalis E, W (44, 46)

Peronospora viciae D

Vicia lathyroides W (46)
 Vicia sativa E, S, W (44)
 Vicia sativa ssp. nigra E, S, W (41, 43-46, 49, 52)
 Vicia sativa ssp. segetalis E, S, W (41-47, 49, 52)

Peronospora viciae s.l. D

Lathyrus odoratus E, S, W (45, 46, 48)
 Vicia orobus W (43)

Peronospora violacea D

Knautia arvensis E, S
 Scabiosa columbaria E
 Succisa pratensis E, I, S, W (35, 42, 43, 45, 46, 48)

Peronospora violae D

Viola arvensis E, S, W (43, 44, 46, 50)
 Viola canina ssp. canina E
 Viola odorata E
 Viola palustris S
 Viola reichenbachiana E
 Viola riviniana E, W (44, 52)
 Viola sp. W (47)
 Viola tricolor E, S
 Viola × wittrockiana E

Phacellium carneum W

Lathyrus palustris I
 Lathyrus pratensis E, S, W (42, 43, 45-47, 49, 50, 52)

Phacellium sorbi W

Sorbus aucuparia E

Phacellium trifolii W

Trifolium medium W (46)

Phragmidium acuminatum R

Rubus saxatilis E, S

Phragmidium bulbosum R

Rubus ariconiensis W (44)
 Rubus caesius E, W (41-46, 48, 49, 52)
 Rubus eboracensis E
 Rubus flexuosus W (47)

Phragmidium bulbosum R (cont.)

Rubus fruticosus agg.	E, I, S, W (35, 41-43, 45-52)
Rubus latifolius	S
Rubus nemorosus	W (46)
Rubus perdigitatus	B
Rubus polyanthemus	W (46)
Rubus pyramidalis	W (46, 47)
Rubus silurum	W (44, 46)
Rubus sp.	S, W (35, 41, 44, 49-51)
Rubus tuberculatus	W (46)
Rubus ulmifolius	E, I, W (46)
Rubus ulmifolius × vestitus	I

Phragmidium fragariae R

Potentilla sterilis	E, I, S, W (35, 41-52)
---------------------	------------------------

Phragmidium fusiforme R

Rosa ferruginea	S
Rosa glauca	E, S

Phragmidium mexicanum R

Potentilla indica	W (41, 46)
-------------------	------------

Phragmidium mucronatum R

Rosa × alba	S, W (46)
Rosa × andegavensis	W (46)
Rosa arvensis	E, I, S, W (35, 41-44, 46, 48-52)
Rosa caesia	E, I, S
Rosa canina	E, I, S, W (35, 41-43, 45-52)
Rosa corymbifera	W (44, 46)
Rosa cv.	E, I, S, W (41, 43-46, 50, 51)
Rosa 'Fashion'	E
Rosa ferruginea	E
Rosa glauca	E
Rosa × gremlii	W (46)
Rosa × irregularis	W (46)
Rosa laxa	E, W (49)
Rosa micrantha	W (46)
Rosa mollis	E, S
Rosa rubiginosa	E, S
Rosa rugosa	E, W (35, 46, 48, 49, 52)
Rosa × scabriuscula	W (46)
Rosa sherardii	S, W (43, 44, 46, 49, 52)
Rosa sp.	E, S, W (35, 41, 42, 44, 46-52)
Rosa 'Spartan'	E
Rosa squarrosa	W (44, 46)

Phragmidium mucronatum R (cont.)

Rosa stylosa	W (46)
Rosa tomentella	E
Rosa tomentosa	S, W (44, 46)
Rosa 'Vanity Fair'	E
Rosa villosa	S
Rosa vosagiaca	S

Phragmidium potentillae R

Potentilla anglica	E, I, W (42, 44, 46, 47)
Potentilla argentea	E, S
Potentilla cv.	B
Potentilla erecta	E, I, S, W (41, 42, 44, 46, 49, 50, 52)
Potentilla verna	S, W (52)
Potentilla × suberecta	W (42)

Phragmidium rosae-pimpinellifoliae R

Rosa spinosissima	E, I, S, W (41, 44-52)
Rosa spinosissima cv.	B

Phragmidium rubi-idaei R

Rubus idaeus	E, I, S, W (41-43, 45-52)
'Ample'	W (44, 49)
'Autumn Bliss'	W (41, 44, 49)
'Autumn Giant'	W (44)
'Glen Clova'	W (42, 44, 46)
'Glen Moy'	W (49)
'Lloyd George'	W (43)
'Malling Delight'	W (44)
'Malling Jewel'	W (44)
Rubus occidentalis	S
Rubus spectabilis	S

Phragmidium sanguisorbae R

Potentilla sterilis	E
Poterium sanguisorba	E, I, S, W (41-46, 49-52)
ssp. balearicum	E, W (44, 46, 49)
ssp. magnolii	E
ssp. sanguisorba	E, I

Phragmidium sp. R

Fragaria vesca	E
----------------	---

Phragmidium tormentillae R

Potentilla anglica	E, W (41, 44, 46)
Potentilla erecta	E, I, W (41, 42, 44, 46, 49, 50, 52)
Potentilla erecta ssp. erecta	W (42-44, 46)
Potentilla erecta ssp. strictissima	W (46)
Potentilla × mixta	E, W (41, 44, 48, 49, 52)
Potentilla reptans	E, W (43, 44, 46, 49)
Potentilla sp.	E
Potentilla × suberecta	W (42, 46, 49)

Phragmidium tuberculatum R

Rosa 'Albertine'	E, W (44)
Rosa 'Aloha'	E
Rosa arvensis	E, W (46)
Rosa 'Ballet'	S
Rosa 'Bucaneer'	S
Rosa canina	E, I, S, W (41, 44)
Rosa 'Circus'	S
Rosa complicata	W (41)
Rosa corymbifera	W (46)
Rosa cv	E, I, W (41-46, 50)
Rosa 'Daily Sketch'	S
Rosa 'Dearest'	I, S
Rosa 'Dorothy Perkins'	S
Rosa × dumalis	S, W (46)
Rosa 'Elizabeth'	S
Rosa 'Ena Harkness'	S
Rosa 'Evelyn Fison'	E
Rosa 'Fantasia'	S
Rosa 'Fashion'	E
Rosa 'Firecracker'	S
Rosa 'Flamenco'	S
Rosa 'Fragrant Cloud'	S
Rosa 'Gail Barden'	S
Rosa gallica	E, W (46)
Rosa gallica 'Complicata'	W (49)
Rosa 'Great Maiden's Blush'	W (42)
Rosa 'Hollandica'	S, W (44)
Rosa × irregularis	W (46)
Rosa 'Jiminy Cricket'	S
Rosa 'Jubilee Celebration'	W (50)
Rosa 'Madame Grégoire Staechelin'	E
Rosa 'Margaret'	S
Rosa 'Marlene'	S

Phragmidium tuberculatum R (cont.)

Rosa micrantha	E, W (46, 47)
Rosa mollis	S
Rosa 'New Dawn'	E, W (42)
Rosa 'Orangeade'	S
Rosa 'Papa Meilland'	S
Rosa 'Paprika'	S
Rosa 'Piccadilly'	S
Rosa 'Queen Elizabeth'	E
Rosa 'Romance'	E
Rosa × rothschildii	W (46)
Rosa rubiginosa	E, S
Rosa rugosa	E, S, W (41-43, 45-52)
Rosa rugosa × ?'Hollandica'	W (44)
Rosa 'Rumba'	S
Rosa × scabriuscula	W (46, 47)
Rosa 'Scarlet Queen'	S
Rosa 'Sea Pearl'	S
Rosa 'Sensation'	S
Rosa sherardii	S, W (42, 44, 46)
Rosa sp.	S, W (35, 41-49, 51, 52)
Rosa squarrosa	E, W (46, 47, 51)
Rosa stylosa	W (46)
Rosa × subcanina	W (46)
Rosa × subcollina	W (46)
Rosa × suberectifomis	W (46)
Rosa tomentosa	S, W (46)
Rosa villosa	S
Rosa virginiana	E
Rosa vosagiaca	E
Rosa 'Westminster'	S
Rosa 'William Shakespeare'	W (50)
Rosa 'Woburn Abbey'	S
Rosa 'Zéphirine Drouhin'	W (42)

Phragmidium violaceum R

Rubus abortifolius	E
Rubus acutifrons	W (44)
Rubus adscitus	E
Rubus aequalidens	W (44)
Rubus albionis	W (44, 46)
Rubus altiarcuatus	W (44, 46)
Rubus amplificatus	W (44, 46)
Rubus anglofuscus	W (46)

Phragmidium violaceum R (cont.)

<i>Rubus armipotens</i>	E
<i>Rubus bartonii</i>	W (44, 46, 47)
<i>Rubus biloensis</i>	W (44)
<i>Rubus boraeanus</i>	E
<i>Rubus boudiccaae</i>	E, W (44, 46)
<i>Rubus caesius</i>	E, I
<i>Rubus cardiophyllus</i>	E, W (44, 46)
<i>Rubus cissburiensis</i>	E, W (44)
<i>Rubus criniger</i>	E
<i>Rubus dasyphyllus</i>	E, S, W (44, 46, 49)
<i>Rubus davisii</i>	W (46)
<i>Rubus dentatifolius</i>	W (44, 46, 47)
<i>Rubus discolor</i>	E
<i>Rubus dumnoniensis</i>	W (46)
<i>Rubus echinatoides</i>	E
<i>Rubus echinatus</i>	E
<i>Rubus effrenatus</i>	W (46, 47)
<i>Rubus egregius</i>	E
<i>Rubus elmodulus</i>	E
<i>Rubus flexuosus</i>	W (44, 46)
<i>Rubus fruticosus</i> agg.	E, I, S, W (35, 41-52)
<i>Rubus hastiformis</i>	W (46)
<i>Rubus hylocharis</i>	W (46)
<i>Rubus iconiensis</i>	E
<i>Rubus incurvatus</i>	W (46)
<i>Rubus iveniensis</i>	E
<i>Rubus laciniatus</i>	E, S
<i>Rubus largificus</i>	W (46)
<i>Rubus lasiostachys</i>	E
<i>Rubus leyanus</i>	W (44, 46)
<i>Rubus lindebergii</i>	B
<i>Rubus lindleianus</i>	E, S, W (44, 46)
<i>Rubus lintonii</i>	E
<i>Rubus loganobaccus</i>	E
<i>Rubus longithyrsiger</i>	W (44)
<i>Rubus longus</i>	W (44, 46)
<i>Rubus merlinii</i>	W (44)
<i>Rubus micans</i>	W (46)
<i>Rubus moylei</i> var. <i>cuneatus</i>	W (44)
<i>Rubus mucronulatus</i>	S
<i>Rubus multifidus</i>	W (44)
<i>Rubus nemoralis</i>	E, W (44, 46, 49)
<i>Rubus pampinosus</i>	W (46)

Phragmidium violaceum R (cont.)

Rubus pascuorum	W (44)
Rubus perdigitatus	W (44, 46)
Rubus plicatus	W (44)
Rubus polyanthemus	E, S, W (44, 47)
Rubus polyanthus	E
Rubus prolongatus	W (44)
Rubus pyramidalis	W (46)
Rubus questieri	W (44)
Rubus radula	W (44)
Rubus rossensis	W (44)
Rubus rubritinctus	W (44, 46)
Rubus rufescens	W (44)
Rubus septentrionalis	S
Rubus silurum	W (44, 46)
Rubus sp.	S, W (35, 41, 42, 45, 46, 48-52)
Rubus spectabilis	S
Rubus subinermoides	S
Rubus surrejanus	E
Rubus tuberculatus	W (44, 46)
Rubus ulmifolius	E, I, W (44, 46, 51)
Rubus ulmifolius hybrid	W (46, 47)
Rubus ulmifolius × vestitus	E, I
Rubus vestitus	E, W (44, 46, 47)
Rubus villicauliformis	W (44)

Phyllactinia alnicola P

Alnus glutinosa	E, I, S, W (41, 44)
Alnus sp.	S

Phyllactinia berberidis P

Berberis vulgaris	E
-------------------	---

Phyllactinia betulae P

Betula ermanii	E
Betula kamtschatica	W (46)
Betula litwinowii	E
Betula pendula	E, I, S, W (41, 46, 48, 49)
Betula pubescens	E, S, W (46, 49)
ssp. celtiberica	W (42, 43, 46-48)
ssp. pubescens	E, W (43, 46)
Betula sp.	E, S
Betula utilis ssp. jacquemontii	E, W (42, 46, 47)

Phyllactinia calycanthi P

Calycanthus sp.	E, S
-----------------	------

Phyllactinia carpini P	
Carpinus betulus	E, W (51)
Phyllactinia corni P	
Cornus sp.	E, S
Phyllactinia enkianthi P	
Rhododendron sp.	S
Phyllactinia fraxini P	
Fraxinus excelsior	E, I, S, W (35, 41-52)
Fraxinus excelsior 'Pendula'	W (46)
Syringa vulgaris	E
Phyllactinia guttata P	
Corylus avellana	E, I, S, W (35, 41-52)
Corylus avellana 'Contorta'	E, W (46, 47)
Corylus avellana f. schizochlamys	W (43, 46)
Corylus maxima	B
Phyllactinia mali P	
Crataegus laevigata	E
Crataegus monogyna	E, W (42-44, 46, 47)
Crataegus monogyna f. biflora	W (46)
Crataegus sp.	W (44)
Cydonia sp.	B
Mespilus germanica	B
Prunus avium	B
Prunus cerasus	B
Prunus spinosa	W (42)
Pyracantha coccinea	E
Phyllactinia marissalii P	
Acer campestre	W (43, 46, 47, 50)
Acer platanoides	W (46, 47)
Acer pseudoplatanus	E, W (46, 50)
Acer sp.	S
Phyllactinia orbicularis P	
Fagus sylvatica	E, I, S, W (42, 45-47, 49-52)
Fagus sylvatica 'Purpurea'	W (46)
Phyllactinia ribis P	
Ribes sp.	E
Phyllactinia roboris P	
Castanea sativa	W (44)

Physoderma agrostidis A	
Agrostis stolonifera	B
Physoderma alfalfa A	
Medicago sativa	E
Physoderma asphodeli A	
Kniphofia uvaria	E
Physoderma comari A	
Comarum palustre	E, S
Physoderma deformans A	
Anemone nemorosa	W (46)
Physoderma gerhardtii A	
Glyceria maxima	B
Physoderma graminis A	
Elymus repens	E, W (45)
Physoderma heleocharidis A	
Carex nigra	E
Eleocharis sp.	E
Physoderma leproides A	
Beta vulgaris ssp. maritima	E
Beta vulgaris ssp. vulgaris	E
Physoderma maculare A	
Alisma gramineum	E
Alisma lanceolatum	E
Baldellia ranunculoides	E, W (41, 46, 52)
Physoderma menthae A	
Mentha aquatica	E
Mentha × verticillata	E
Physoderma menyanthis A	
Menyanthes trifoliata	E, I, S, W (42, 46, 52)
Physoderma myriophylli A	
Myriophyllum verticillatum	B
Physoderma negeri A	
Euphrasia officinalis ssp. anglica	W (47)
Odontites vernus	W (44)
Physoderma potteri A	
Lotus corniculatus	E, S

Physoderma pulposum A	
Atriplex glabriuscula	E
Atriplex patula	E, I
Atriplex prostrata	B
Oxybasis rubra	E
Physoderma schroeteri A	
Schoenoplectus lacustris	E
Physoderma sparganii-ramosi A	
Sparganium erectum	E
Physoderma trifolii A	
Trifolium montanum	?E
Physoderma vagans A	
Berula erecta	I, S
Ranunculus flammula	S
Ranunculus repens	B
Plasmodiophora bicaudata A	
Zostera noltei	E
Plasmodiophora brassicae A	
Aubrieta deltoidea	B
Brassica napus	E, W (43)
ssp. oleifera	E
ssp. rapifera	E, W (49, 50, 51, 52)
'Bangholm Hernig'	W (46)
'Bangholm Studsgaard'	W (46)
'Best of All'	W (46)
'Elephant'	W (46)
'Lord Derby'	W (46, 49)
'Model'	W (49)
'Viking'	W (49)
'Welsh Tankard'	W (49)
'Wilhelmsburger Øtofte'	
'Yellow Turnip'	W (46, 49)
Brassica nigra	B
Brassica oleracea ssp. botrytis	W (46)
Brassica oleracea ssp. gongylodes	E
Brassica rapa	E
ssp. campestris	E
Brassica sp.	E, S
Capsella bursa-pastoris	B
Crambe maritima	B
Erysimum cheiri	B

Plasmodiophora brassicae A (cont.)

Hesperis matronalis	E
Isatis tinctoria	B
Lunaria biennis	E
Lunaria sp.	E
Matthiola sp.	B
Raphanus sp.	B
Sinapis arvensis	E

Plasmopara angelicae D

Angelica sylvestris	E, I, S, W (35, 41-52)
---------------------	------------------------

Plasmopara chaerophylli D

Anthriscus sylvestris	E, I, S, W (35, 41, 42, 44, 46, 49-52)
Chaerophyllum temulum	E, S

Plasmopara conii D

Conium maculatum	E, S
------------------	------

Plasmopara crustosa D

Heracleum sphondylium	E, I, S
-----------------------	---------

Plasmopara crustosa s.l. D

Myrrhis odorata	E, S
-----------------	------

Plasmopara dauci D

Daucus carota ssp. sativus	E
----------------------------	---

Plasmopara densa D

Odontites vernus	E, I, S, W (41, 43, 44, 46-52)
Odontites vernus ssp. serotinus	I, W (44)
Pedicularis palustris	S
Rhinanthus angustifolius	S
Rhinanthus minor	E, I, S, W (41-44, 46-52)

Plasmopara epilobii D

Epilobium montanum	E
Epilobium parviflorum	E, S
Epilobium sp.	E, W (49)

Plasmopara euphrasiae D

Euphrasia arctica ssp. borealis	W (44)
Euphrasia confusa	S
Euphrasia confusa × nemorosa	W (44, 46)
Euphrasia confusa × tetraquetra	W (46)
Euphrasia nemorosa	W (46, 49)
Euphrasia officinalis agg.	E, I, W (35, 48)
Euphrasia officinalis ssp. anglica	W (46)

Plasmopara euphrasiae D (cont.)	
Euphrasia officinalis ssp. pratensis	S, W (44)
Euphrasia sp.	E, I, S, W (48, 49)
Plasmopara geranii-silvatici D	
Geranium sylvaticum	E, S, W (42)
Plasmopara mei-foeniculi D	
Meum athamanticum	S
Plasmopara muralis D	
Parthenocissus quinquefolia	E
Parthenocissus tricuspidata	E
Plasmopara nivea s.l. D	
Conopodium majus	E, I, S, W (42-50, 52)
Levisticum officinale	E
Ligusticum scoticum	W (46)
Oenanthe crocata	E, S, W (35, 42-44, 46, 49)
Smyrniolum olusatrum	E, W (49, 52)
Plasmopara nivea s.s. D	
Aegopodium podagraria	E, I, S, W (35, 41-52)
Plasmopara obducens D	
Impatiens walleriana	E, W (35, 46)
Plasmopara pastinacae D	
Pastinaca sativa	E, W (41)
Plasmopara petroselini D	
Petroselinum crispum	E
Plasmopara peucedani D	
Thysselinum palustre	E
Plasmopara pimpinellae D	
Pimpinella saxifraga ssp. saxifraga	E, S, W (42, 46)
Plasmopara pusilla s.l. D	
Geranium molle	E
Geranium pyrenaicum	E, S, W (51, 52)
Plasmopara pusilla s.s. D	
Geranium pratense	E, S, W (43, 52)
Plasmopara ribicola D	
Ribes nigrum	E
Ribes rubrum	E
Ribes uva-crispa	E

Plasmopara saniculae D	
Sanicula europaea	E, I, S, W (47)
Plasmopara viticola D	
Vitis coignetiae	E
Vitis vinifera	E, W (35)
Vitis vinifera 'Purpurea'	E, W (47)
Plasmoverna isopyri-thalictroidis D	
Isopyrum sp.	E
Plasmoverna pygmaea D	
Aconitum sp.	E
Anemone coronaria	E, W (45, 46)
Anemone nemorosa	E, I, S, W (35, 41-52)
Podosphaera amelanchieris P	
Amelanchier lamarckii	E, I, S, W (41-44, 46, 48-51)
Podosphaera ampla P	
Prunus domestica	E, S, I, W (35, 48, 49)
ssp. domestica	E
ssp. insititia	W (43, 46)
var. damascena	E, W (46)
var. nigra	W (42, 43, 46)
Prunus spinosa	E, I, S, W (35, 42-44, 46, 52)
Podosphaera aphanis var. aphanis P	
Acaena magellanica	E
Agrimonia eupatoria	E
Alchemilla alpina	S
Alchemilla conjuncta	E
Alchemilla erythropoda	B
Alchemilla filicaulis ssp. vestita	E, S, W (41)
Alchemilla glabra	E, S, W (46, 48, 49, 52)
Alchemilla mollis	E, S, W (50, 52)
Alchemilla murbeckiana	B
Alchemilla sp.	S
Alchemilla vulgaris	E
Alchemilla xanthochlora	E, S
Aphanes arvensis	E
Aphanes australis	I, W (44, 46)
Comarum palustre	S, W (46)
Dasiphora fruticosa	E
'Vilmoriniana'	E
Eucalyptus sp.	S
Fragaria ananassa	E, W (49)

Podosphaera aphanis var. aphanis P (cont.)

Fragaria sp.	S
Fragaria vesca	E, W (44, 46)
Geum 'Borisii'	B
Geum coccineum	B
Geum × heldreichii	B
Geum × intermedium	W (43)
Geum japonicum	E
Geum macrophyllum	W (46-48)
Geum pyrenaicum	B
Geum quellyon	B
Geum rivale	E, S, W (43, 44)
Geum urbanum	E, I, S, W (35, 41-49, 51, 52)
Potentilla anglica	E, W (46)
Potentilla anserina	E
Potentilla erecta	E, S, W (46, 49)
ssp. erecta	S, W (41-43, 46, 48)
Potentilla × mixta	E, W (42, 43)
Potentilla recta	E
Potentilla reptans	E, I, S, W (41, 42, 44, 46, 49, 52)
Potentilla sterilis	E, W (43, 44, 46, 49)
Potentilla × suberecta	W (46, 49)
Rubus caesius	E
Rubus discolor	B
Rubus fruticosus agg.	E, W (41)
Rubus idaeus	E, S, W (46)
Rubus loganobaccus	B

Podosphaera aucupariae P

Sorbus aria	E
Sorbus aucuparia	E, I, S, W (41-44, 46, 48)

Podosphaera balsaminae P

Impatiens balsamina	B
Impatiens noli-tangeri	E, W (48)

Podosphaera clandestina P

Crataegus laevigata	S, W (51)
'Paul's Scarlet'	W (46)
Crataegus monogyna	E, I, S, W (35, 41-44, 46-52)
f. biflora	W (46)
Crataegus sp.	W (35, 44, 48, 49, 52)
Crataegus × subsphaerica	W (46)
Cydonia oblonga	S
Cydonia sp.	B

Podosphaera clandestina P (cont.)

Mespilus germanica	B
Pyracantha sp.	E
Pyrus calleryana	W (42, 43, 46)
Pyrus sp.	W (46)
Spiraea douglasii	B
Spiraea salicifolia	B
Spiraea sp.	E

Podosphaera collomiae P

Phlox sp.	E
-----------	---

Podosphaera delphinii P

Consolida sp.	S
Delphinium sp.	E, S, W (51)

Podosphaera dipsacacearum P

Cephalaria sp. cv.	B
Dipsacus fullonum	E, W (35, 42-46, 48-51)
Dipsacus laciniatus	E
Dipsacus sp.	S
Knautia arvensis	E
Knautia macedonica	E, I, W (48, 50)
Knautia 'Red Knight'	E
Scabiosa atropurpurea	E

Podosphaera epilobii P

Chamaenerion angustifolium	E, I, S
Epilobium brunnescens	E, S, W (43, 44, 46, 48)
Epilobium ciliatum	E, W (35, 41-48)
Epilobium hirsutum	E, I, S, W (35, 41-44, 46, 49, 51)
Epilobium × interjectum	W (43, 46)
Epilobium lanceolatum	W (46)
Epilobium montanum	E, I, S, W (42-49)
Epilobium obscurum	W (43, 46-48, 52)
Epilobium palustre	E, S, W (41-44, 46, 48, 49, 52)
Epilobium parviflorum	E, I, S, W (35, 43, 44, 46, 49)
Epilobium pedunculare	B
Epilobium × persicinum	B
Epilobium roseum	E, S, W (48)
Epilobium tetragonum	E, W (42, 46)
Epilobium × vicinum	W (46)

Podosphaera erigerontis-canadensis P

<i>Chamaemelum suaveolens</i>	E
<i>Crepis capillaris</i>	E
<i>Crepis paludosa</i>	E, S
<i>Crepis setosa</i>	B
<i>Crepis vesicaria</i> ssp. <i>taraxacifolia</i>	E
<i>Dahlia</i> × <i>hortensis</i>	E
<i>Erigeron acris</i>	E
<i>Erigeron canadensis</i>	E
<i>Erigeron floribundus</i>	E, W (42, 44)
<i>Erigeron karvinskianus</i>	B
<i>Erigeron sumatrensis</i>	E
<i>Lapsana communis</i> ssp. <i>communis</i>	E, S, W (35, 41, 43, 44, 49, 50)
<i>Leontodon hispidus</i>	E, W (44, 48)
<i>Matricaria chamomilla</i>	W (49)
<i>Matricaria discoidea</i>	E, I, S, W (41-44, 46, 47, 49, 52)
<i>Pulicaria dysenterica</i>	E
<i>Scorzoneroides autumnalis</i>	E, W (43)
<i>Taraxacum hamatum</i>	E
<i>Taraxacum officinale</i> agg.	E, I, S, W (35, 41-52)
<i>Taraxacum oxoniense</i>	W (46)
<i>Taraxacum</i> sp.	S
<i>Taraxacum subnaevosum</i>	E
<i>Taraxacum unguilobum</i>	E
<i>Tripleurospermum maritimum</i> ssp. <i>maritimum</i>	W (49)

Podosphaera erodii P

<i>Erodium cicutarium</i>	E, W (52)
<i>Erodium maritimum</i>	W (45)
<i>Erodium moschatum</i>	E, W (41)

Podosphaera euphorbiae P

<i>Euphorbia altissima</i>	B
<i>Euphorbia amygdaloides</i> cv.	W (43, 48)
<i>Euphorbia amygdaloides</i> ssp. <i>amygdaloides</i> 'Purpurea'	E, W (35, 46)
<i>Euphorbia characias</i>	E, W (46)
<i>Euphorbia dulcis</i>	W (44)
'Chameleon'	W (42, 44)
<i>Euphorbia epithymoides</i>	E
<i>Euphorbia esula</i>	B
ssp. <i>tommasiniana</i>	B
<i>Euphorbia exigua</i>	B
<i>Euphorbia griffithii</i>	B
<i>Euphorbia helioscopia</i>	E, S, W (44, 46, 49)
<i>Euphorbia hyberna</i>	I

Podosphaera euphorbiae P (cont.)

<i>Euphorbia lathyris</i>	E
<i>Euphorbia orientalis</i>	B
<i>Euphorbia peplus</i>	E, S, W (35, 41-43, 46-49, 51)
<i>Euphorbia sarawschanica</i>	B
<i>Euphorbia segetalis</i>	E
<i>Euphorbia villosa</i>	B
<i>Euphorbia wallichii</i>	E, S

Podosphaera euphorbiae-hirtae P

<i>Pedilanthus</i> sp.	E
------------------------	---

Podosphaera ferruginea var. ferruginea P

<i>Poterium sanguisorba</i> ssp. <i>balearicum</i>	E
<i>Poterium sanguisorba</i> ssp. <i>sanguisorba</i>	E, I, W (50, 52)
<i>Sanguisorba officinalis</i>	E, W (41-44, 46, 47, 50, 52)

Podosphaera filipendulae P

<i>Filipendula ulmaria</i>	E, I, S, W (35, 41-46, 48-52)
<i>Filipendula vulgaris</i> 'Flore Pleno'	W (43, 44)

Podosphaera fugax P

<i>Geranium</i> 'Brookside'	E
<i>Geranium cinereum</i>	B
<i>Geranium clarkei</i>	E
<i>Geranium</i> cv.	W (43)
<i>Geranium dissectum</i>	E, I, W (35, 42-44, 46, 48, 49, 52)
<i>Geranium himalayense</i>	E
<i>Geranium</i> × <i>magnificum</i>	W (46, 49)
<i>Geranium molle</i>	E, I, S, W (35, 41-49, 52)
<i>Geranium</i> 'Nimbus'	E
<i>Geranium phaeum</i>	E
<i>Geranium pratense</i>	E, S, W (35, 46, 49, 52)
<i>Geranium pusillum</i>	E
<i>Geranium pyrenaicum</i>	E, I, W (35, 44)
<i>Geranium robertianum</i>	E
<i>Geranium rotundifolium</i>	E, W (46)
<i>Geranium sanguineum</i>	E, S, W (44)
<i>Geranium sylvaticum</i>	E, S
<i>Geranium wallichianum</i>	E

Podosphaera fuliginea P

<i>Veronica agrestis</i>	E, W (43)
<i>Veronica arvensis</i>	E, S, W (44)
<i>Veronica austriaca</i>	B
ssp. <i>teucrium</i>	B

Podosphaera fuliginea P (cont.)

<i>Veronica chamaedrys</i>	E, S, W (44, 46)
<i>Veronica exaltata</i>	B
<i>Veronica gentianoides</i>	B
<i>Veronica longifolia</i>	E, S, W (46)
<i>Veronica montana</i>	E
<i>Veronica orchidea</i>	B
<i>Veronica persica</i>	W (48)
<i>Veronica polita</i>	W (44)
<i>Veronica serpyllifolia</i>	E
<i>Veronica</i> sp.	E, S
<i>Veronica spicata</i>	E, S, W (42, 44)
<i>Veronica spuria</i>	B
<i>Veronicastrum virginicum</i>	B

Podosphaera fusca P

<i>Doronicum pardalianches</i>	E, W (42, 43)
<i>Doronicum plantagineum</i>	E
<i>Doronicum</i> sp.	E, S

Podosphaera helianthemi P

<i>Helianthemum</i> cv.	W (51)
<i>Helianthemum nummularium</i>	B
<i>Helianthemum</i> sp.	E, I, S
<i>Helianthemum pilosum</i>	B
<i>Helianthemum violaceum</i>	B
<i>Tuberaria guttata</i>	B

Podosphaera leucotricha P

<i>Cydonia oblonga</i>	E, W (46)
<i>Malus baccata</i> var. <i>praecox</i>	E
<i>Malus</i> cv.	E, I, S, W (35, 42, 52)
<i>Malus domestica</i>	E, S, W (41-44, 46-51)
'Adam's Permain'	W (48)
'American Mother'	W (49)
'Ashmeads Kernel'	W (49)
'Bramley's Seedling'	W (49)
'Charles Ross'	W (49)
'Claygate Permain'	W (49)
'Crawley Beauty'	W (48)
'Dockney'	I
'Egremont Russet'	W (48, 49)
'Greasy Pippin'	W (49)
'Greensleeves'	W (49)
'Herefordshire Russet'	W (48)

Podosphaera leucotricha P (cont.)

Malus domestica (cont.)

'James Grieve' W (43)

'Katy' W (49)

'Monmouth Green' W (49)

'Wagener' W (43)

Malus floribunda E

Malus sylvestris E, S, W (35, 42, 43)

Malus sylvestris s.l. I

Photinia serratifolia var. serratifolia B

Pyrus communis E

Stranvaesia davidiana S

Podosphaera lini P

Linun

Podosphaera macrospora P

Heuchera cvs. E

Heuchera sanguinea W (51)

Tellima grandiflora E, W (42, 43, 46, 48, 49)

Tolmiea menziesii W (46, 48)

Podosphaera macularis P

Humulus lupulus E, S, W (35, 41, 47, 51)

Humulus scandens E

Humulus sp. S

Podosphaera mors-uvae P

Ribes fasciculatum B

Ribes nigrum E, S, W (43, 46)

Ribes rubrum S, W (43, 50, 52)

Ribes sanguineum E, S, W (42-44, 46, 49)

Ribes sp. I

Ribes uva-crispa E, S, W (42, 43, 46, 49)

Podosphaera myrtilina var. myrtilina P

Vaccinium myrtilus E, I, S, W (35, 42, 43, 46, 48-51)

Podosphaera pannosa P

Forsythia sp. E

Prunus domestica E

Prunus dulcis B

Prunus laurocerasus E, W (46)

Prunus lusitanica E, W (46)

Prunus persica E

Rosa × alba B

Rosa 'Albertine' W (49)

Rosa 'American Pillar' cf. W (44, 46)

Podospaera pannosa P (cont.)

Rosa arvensis	E, S, W (42-44, 46-48)
Rosa 'Brenda Colvin'	W (49)
Rosa canina	W (41, 44, 46)
Rosa canina agg.	E, S, W (35, 42, 43, 46, 48)
Rosa centifolia	B
Rosa 'Charlotte'	E
Rosa cv.	E, S, W (41, 43, 44, 49)
Rosa damascena	B
Rosa 'Dorothy Perkins'	E, W (41, 43, 44, 47, 49)
Rosa 'Dublin Bay'	W (42)
Rosa × dumalis	B
Rosa filipes 'Kiftsgate'	W (43)
Rosa 'Floribunda Group'	W (44)
Rosa gallica	B
Rosa × irregularis	E
Rosa 'L.D. Braithwaite'	E
Rosa micrantha	E
Rosa 'Minnehaha'	E, W (42)
Rosa mollis	W (50)
Rosa 'Mulliganii'	E, W (46)
Rosa multiflora	E, W (46, 49)
Rosa 'Paul Transom'	W (47)
Rosa 'Paul's Himalayan Musk'	W (42, 43)
Rosa 'Polyantha'	B
Rosa 'Princess Alexandra of Kent'	E
Rosa rubiginosa	B
Rosa rugosa	E, W (46, 49)
Rosa sericea ssp. omeiensis	S
Rosa setigera hybrid	W (46)
Rosa sherardii	W (46)
Rosa sp.	E, I, S, W (35, 41, 46)
Rosa spinossisima	E
Rosa squarrosa	E
Rosa 'Thomas à Becket'	E
Rosa tomentosa	B
Rosa 'Vanessa Bell'	E
Rosa virginiana	B
Rosa 'Winchester Cathedral'	E
Rosa 'Zéphirine Drouhin'	W (43)

Podospaera parietariae P

Parietaria judaica	E, W (46, 49)
--------------------	---------------

Podosphaera pericallidis P

Pericallis × hybrida E, S
 Pericallis Senetti Series W (49)

Podosphaera phtheirospermi P

Bartsia alpina B
 Euphrasia arctica B
 Euphrasia confusa E, S, W (52)
 Euphrasia confusa × nemorosa W (46)
 Euphrasia micrantha B
 Euphrasia nemorosa E, W (44, 46)
 Euphrasia officinalis ssp. anglica W (46)
 Euphrasia officinalis ssp. pratensis W (46)
 Euphrasia salisburgensis S
 Euphrasia sp. E, S, W (49)
 Melampyrum pratense B
 Odontites vernus E, S, W (44, 50, 51)
 Pedicularis sylvatica S
 Rhinanthus minor E, S

Podosphaera physocarpis P

Physocarpus sp. B

Podosphaera plantaginis P

Plantago coronopus E
 Plantago lanceolata E, I, S, W (35, 41, 43-47, 49-52)
 Plantago major E, S
 Plantago media E

Podosphaera polemonii P

Polemonium caeruleum E
 Polemonium sp. S

Podosphaera pruinosa P

Rhus sp. E

Podosphaera pruinosa cf. P

Rhus typhina E

Podosphaera pruni-avium P

Prunus avium B

Podosphaera pruni-lusitanicae P

Prunus lusitanica E, I

Podosphaera senecionis P

Jacobaea aquatica	E, I, W (43, 44, 46, 49)
Jacobaea erucifolia	E, W (46)
Jacobaea vulgaris	E, I, S, W (41-44, 46, 48-50, 52)
Senecio sarracenicus	E
Senecio vulgaris	E, I, W (42, 43, 46, 48)

Podosphaera solanacearum P

Petunia sp.	S
-------------	---

Podosphaera spiraeae P

Spiraea × arguta	E
Spiraea × billardii	W (46)
Spiraea × bumalda	W (35)
Spiraea cantoniensis ‘Flore Pleno’	E
Spiraea douglasii	E
Spiraea japonica cv.	E, W (43, 44, 46)
Spiraea sp.	E, I, S, W (35, 41, 43, 46, 47, 49-52)

Podosphaera thalictri P

Thalictrum alpinum	S
Thalictrum aquilegifolium	B
Thalictrum sp.	W
Thalictrum sphaerostachyum	E

Podosphaera tridactyla s.s. P

Prunus armeniaca	E
Prunus laurocerasus	E, I, S, W (46, 49)
Prunus padus	E, S, W (42, 43)
Prunus persica	E

Podosphaera volkartii P

Dryas octopetala	S, I
------------------	------

Podosphaera xanthii P

Alkekengi officinarum	E
Bidens cernua	E
Bidens tripartita	E
Calendula arvensis	B
Calendula officinalis	E, S, W (35, 42-50, 52)
‘Gypsy Festival’	W (44)
Calendula sp.	W (41)
Calendula suffruticosa	B
Cirsium arvense	W (46)
Coreopsis grandiflora	
‘Early Sunrise’	W (49)
‘Single Gold’	W (49)

Podosphaera xanthii P (cont.)

Coreopsis sp.	E
Cosmos bipinnatus	W (43, 48)
Cosmos purpureus	S
Cosmos sp.	W (49, 52)
Cucumis sativus	E, S
Cucurbita moschata	E
Cucurbita sp.	E
Dahlia × hortensis	E, W (50, 52)
Dahlia	
‘Blyton Everest’	E
‘Bracken Lorelei’	E
‘Café au Lait’	E
‘Hamari Gold’	E
‘Kilburn Glow’	E
‘Lubega Power White’	W (52)
‘Pacific Argyle’	E
‘Rosendale Flamenco’	E
‘Sandia Rose’	E
‘So Dainty’	E
‘Spartacus’	E
Impatiens capensis	E, W (41)
Impatiens glandulifera	B
Medusagyne oppositifolia	E
Phlox paniculata	W (41, 46)
Phlox paniculata ‘Fujiyama’	E
Phlox sp.	E
Polemonium sp.	E
Pulicaria dysenterica	E
Verbena bonariensis	E
Verbena × hybrida	E
Verbena officinalis	E
Polymyxa betae A	
Amaranthus retroflexus	E
Atriplex patula	E
Beta vulgaris ssp. vulgaris	E, I, S, W
Chenopodium murale	E
Chenopodium album	E
Chenopodium ficifolium	E
Chenopodium quinoa	E
Claytonia perfoliata	E
Papaver rhoeas	E
Persicaria maculosa	E

Polymyxa betae A (cont.)

Poa annua	E
Polygonum aviculare	E
Portulaca oleracea	E
Silene latifolia	E
Spinacia oleracea	E
Stellaria media	E
Urtica urens	E
Triticum sp.	?

Protobremia sphaerosperma D

Tragopogon pratensis ssp. minor	E
---------------------------------	---

Protomyces macrosporus A

Aegopodium podagraria	E, I, S, W (35, 42-44, 46-50, 52)
Angelica sylvestris	E
Anthriscus sylvestris	E, S, W (41-43, 46, 47, 50)
Berula erecta	E, I, W (44)
Conopodium majus	E
Coriandrum sativum	E, I, S
Helosciadium nodiflorum	E, I
Oenanthe crocata	E, S, W (41, 44, 46, 47, 49)
Sium latifolium	E
Torilis japonica	E, W (44)

Protomyces pachydermus A

Crepis paludosa	S
Taraxacum sp.	E, I, S, W (43, 47, 49)

Protomyopsis bellidis A

Bellis perennis	S
-----------------	---

Protomyopsis leucanthemi A

Glebionis segetum	S
Leucanthemum vulgare	W (46)

Protomyopsis purpureotingens A

Helianthus sp.	E
Maianthemum sp.	B

Pseudoidium cyclaminis P

Cyclamen persicum	B
-------------------	---

Pseudoidium hortensiae P

Hydrangea macrophylla cv.	E, W (41, 45, 46, 48, 49, 51, 52)
Hydrangea macrophylla ssp. serrata	E
Hydrangea sp.	E, S, W (41)

Pseudoidium kalanchoes P	
Cotyledon orbicularis	E
Cotyledon sp.	B
Crassula sp.	E
Dudleya farinosa	S
Dudleya palmeri	E
Kalanchoe blockforniae	S
Kalanchoe brachyloba	S
Rosularia sp.	S
Pseudoidium kalanchoes cf. P	
Echeveria sp.	E
Pseudoidium lauracearum P	
Laurus nobilis	E, W (35, 42, 52)
Pseudoidium neolycopersici P	
Solanum lycopersicum	W (49)
Pseudoidium passiflorae P	
Passiflora caerulea	W (41, 46)
Pseudoidium poinsettiae P	
Euphorbia pulcherrima	B
Pseudoidium sp. P	
Calluna vulgaris cv.	S
Pseudoidium vincae P	
Vinca major	E, W (41)
Pseudomicrostroma juglandis S	
Juglans regia	E, W (42-46, 48, 49, 51, 52)
Pseudoperonospora cubensis D	
Cucumis sativus	E
Pseudoperonospora humuli D	
Humulus lupulus	E, I, S, W (35, 42-44, 46)
Pseudoperonospora urticae D	
Urtica dioica	E, I, S, W (35, 41, 46, 47, 51)
Puccinia abrupta var. partheniicola R	
Parthenium hysterophorus	E
Puccinia absinthii R	
Artemisia abrotanum	E
Artemisia absinthium	E, S, W (43-45, 49-52)
Artemisia arborescens 'Powis Castle'	E, W (44)

Puccinia acetosae R

Rumex acetosa	E, I, S, W (35, 41-52)
Rumex acetosa ssp. acetosa	W (35, 41-46, 48-52)
Rumex acetosa ssp. biformis	W (46)
Rumex acetosella	E, S, W (41, 44, 46, 48)
Rumex sp.	W (49)

Puccinia adoxae R

Adoxa moschatellina	E, S, W (35, 41-52)
---------------------	---------------------

Puccinia aegopodii R

Aegopodium podagraria	E, I, S, W (35, 41-44, 46-52)
-----------------------	-------------------------------

Puccinia agropyri R

Elymus caninus var. donianus	S
------------------------------	---

Puccinia agropyrina R

Elymus athericus	W (41, 44, 45, 49)
Elymus athericus f. setigerus	W (41, 44)
Elymus caninus	E, S, W (44)
Elymus junceiformis	I, S, W (41, 44-46, 48, 49, 52)
Elymus magellanicus	B
Elymus × obtusiusculus	W (44)
Thinopyrum acutum	S

Puccinia agrostidis R

Agrostis capillaris	E, S, W (42, 44, 46)
Agrostis gigantea	S
Agrostis sp.	S
Agrostis stolonifera	E, S, W (44)
Aquilegia vulgaris	S, W (52)

Puccinia albescens R

Adoxa moschatellina	E, S, W (35, 42-52)
---------------------	---------------------

Puccinia albulensis R

Veronica alpina	S
-----------------	---

Puccinia allii R

Allium ampeloprasum var. babingtonii	W (44, 45)
Allium carinatum	S
Allium cepa	E
Allium cepa agg.	S
Allium cyaneum	S
Allium fistulosum	E, W (43, 44, 52)
Allium giganteum cv.	W (44)
Allium paradoxum	W (42)
Allium porrum	E, S

Puccinia allii R (cont.)

<i>Allium sativum</i>	E, W (43)
'Arno'	W (44)
'Cristo'	W (44)
'Ivory'	W (44, 52)
'Lautrec Wight'	W (44)
'Mersley Wight'	W (48)
var. <i>ophioscorodon</i>	W (44)
var. <i>ophioscorodon</i> 'Purple Wight'	W (44)
'Picardy Wight'	W (44)
'Provence Wight'	W (48)
'Solent Wight'	W (44, 48)
'Vayo'	W (44)
<i>Allium schoenoprasum</i>	E, S
<i>Allium sicutum</i>	W (42, 48)
<i>Allium vineale</i>	E, I, S

Puccinia ammophilina R

<i>Ammophila arenaria</i>	E, I, S, W (41, 44-46, 48, 49, 51, 52)
---------------------------	--

Puccinia angelicae R

<i>Angelica sylvestris</i>	E, I, S, W (35, 41, 44, 46, 48-52)
<i>Selinum carvifolia</i>	E

Puccinia annularis R

<i>Teucrium scorodonia</i>	E, I, S, W (41-52)
----------------------------	--------------------

Puccinia anthoxanthina R

<i>Anthoxanthum odoratum</i>	E, S, W (35, 41-46, 48, 49, 52)
------------------------------	---------------------------------

Puccinia antirrhini R

<i>Antirrhinum hispanicum</i> ssp. <i>hispanicum</i>	S
<i>Antirrhinum majus</i> cv.	E, I, S, W (35, 41-52)
'Apple Blossom'	W (44)
'Black Prince'	W (44)
'Brighton Rock'	W (44)
'Canary Bird'	W (44)
'Chantilly Park'	W (44)
'Crimson Velvet'	W (44)
'Defiance'	W (44)
'Lavender'	W (44)
'Liberty'	W (44)
'Liberty Lavender'	E
'Night & Day'	W (44)
'Purple Twist'	W (44)
'Rocket White'	W (44)

Puccinia antirrhini R (cont.)

Antirrhinum majus cv. (cont.)

‘Ruby’ W (44)

‘Snowflake’ W (44)

‘The Rose’ W (44)

Antirrhinum molle E, W (44)

Antirrhinum siculum E

Antirrhinum sp. E, S, W (41, 44, 45)

Chaenorhinum minus W (44)

Puccinia apii R

Apium graveolens E, S, W (51)

Puccinia arenariae R

Arenaria leptocladus E

Arenaria serpyllifolia E

Arenaria sp. S

Cerastium fontanum ssp. holosteoides E

Cerastium glomeratum S

Claytonia sibirica S

Dianthus barbatus E, S, W (42, 44)

Dianthus deltoides E

Gypsophila elegans E

Moehringia trinervia E, I, S, W (41-46, 49, 52)

Sagina apetala W (43, 44, 49)

Sagina maritima S

Sagina nivalis S

Sagina nodosa S

Sagina × normaniana S

Sagina procumbens E, S, W (44, 46, 49, 52)

Sagina saginoides S

Sagina sp. E, S

Sagina subulata W (52)

Sagina subulata var. glabrata ‘Aurea’ B

Silene baccifera E

Silene dioica E, I, S, W (35, 41-52)

Silene × hampeana E, S

Silene latifolia E, W (44, 46)

Silene latifolia ssp. alba S

Silene vulgaris B

Spergula arvensis S, W (42, 48, 49)

Stellaria alsine E, I, S, W (42, 43, 46, 48, 49, 52)

Stellaria aquatica E

Stellaria graminea E, I, S, W (43, 44, 46, 48, 49, 52)

Stellaria holostea E, S, W (44, 46, 48, 49)

Puccinia arenariae R (cont.)	
Stellaria media	E, S, W (42, 44, 45, 48, 49)
Stellaria nemorum	E
Stellaria palustris	E
Puccinia arrhenatheri R	
Arrhenatherum elatius	E, I, S, W (35, 41-44, 46, 47, 49-52)
Arrhenatherum elatius var. bulbosum	W (44)
Arrhenatherum elatius 'Variegatum'	B
Puccinia artemisiae-maritimae R	
Artemisia maritima	E, I, S, W (41, 44, 49)
Puccinia artemisiella R	
Artemisia arborescens 'Powis Castle'	E
Artemisia vulgaris	E, S, W (41, 43, 44, 46, 48, 49)
Puccinia asparagi R	
Asparagus officinalis	E, S
Puccinia asperulae-cynanchicae R	
Asperula cynanchica	E, I
Puccinia asperulae-odoratae R	
Galium odoratum	E, S, W (44, 46, 48)
Puccinia asteris R	
Symphyotrichum novi-belgii	E
Tripolium pannonicum	E, I, S, W (41, 44, 50, 51)
Puccinia bardanae R	
Arctium lappa	E
Arctium minus ssp. minus	E
Arctium minus ssp. pubens	E
Arctium nemorosum	E
Puccinia behenisis R	
Silene dioica	E, S, W (41, 43-52)
Silene × hampeana	S
Silene latifolia	E, W (49, 51)
Silene latifolia ssp. alba	E, W (44, 46)
Silene robotii 'Rolly's Favourite'	W (49)
Silene uniflora	E, I, W (45, 46, 52)
Silene vulgaris	E, W (44, 52)
Puccinia belamcandae R	
Iris domestica	E
Puccinia betonicae R	
Betonica officinalis	E, S, W (42-47, 49-51)

Puccinia biporospora R

Carex pallescens E, S, W (35, 41-43, 46)
 Carex panicea S

Puccinia bistortae R

Angelica sylvestris E
 Bistorta officinalis E, S, W (35, 44)
 Bistorta vivipara S
 Conopodium majus E, S, W (35, 46)

Puccinia borealis R

Thalictrum alpinum S

Puccinia brachypodii R

Brachypodium pinnatum E, S, W (44)
 Brachypodium sylvaticum E, I, S, W (35, 41-52)

Puccinia bromina R

Anisantha diandra E, W (44, 46)
 Anisantha madritensis CI
 Anisantha sterilis E, S, W (35, 41, 44, 51)
 Anisantha tectorum B
 Bromopsis erecta E, W (41)
 Bromopsis inermis E
 Bromopsis ramosa E, I, S, W (42-44, 49, 51)
 Bromus arvensis E
 Bromus hordeaceus E, S
 Bromus hordeaceus ssp. feronii E
 Bromus hordeaceus ssp. hordeaceus E, I, W (35, 41-44, 46, 47, 49)
 Bromus hordeaceus ssp. thominei E, S
 Bromus interruptus E
 Bromus lepidus E
 Bromus pseudosecalinus E
 Bromus × pseudothominei E
 Bromus racemosus E, W (35, 44, 50)
 Bromus secalinus E
 Ceratochloa carinata E

Puccinia brunellarum-moliniae R

Molinia caerulea E, S
 Prunella vulgaris E, S

Puccinia bulbocastani R

Bunium bulbocastanum E, S

Puccinia bupleuri R

Bupleurum tenuissimum E

Puccinia buxi R

Buxus balearica	E, I, W (49)
Buxus microphylla	W (35)
Buxus sempervirens	E, I, S, W (35, 41-52)
'Aurea'	W (44)
'Aureovariegata'	W (46)
'Elegantissima'	W (46)
'Handsworthiensis'	E
'Suffruticosa'	W (41-44, 46)
'Variegata'	E, W (44)

Puccinia calthae R

Caltha palustris	E, I, S, W (43-46, 48, 49, 52)
------------------	--------------------------------

Puccinia calthicola R

Caltha palustris	E, I, S, W (41-47, 49, 52)
------------------	----------------------------

Puccinia campanulae R

Campanula medium	E
Campanula persicifolia	W (47)
Campanula rapunculus	B
Campanula rotundifolia	E, S, W (44, 49, 52)
Jasione montana	W (46)

Puccinia cancellata R

Juncus acutus	E, W (41, 44, 48)
Juncus maritimus	W (41, 44-46)

Puccinia cardui-pycnocephali R

Carduus acanthoides	B
---------------------	---

Puccinia carduorum R

Carduus crispus	E, S, W (42, 43)
Carduus crispus ssp. multiflorus	E
Carduus nutans	E, I, W (41, 42, 44, 46, 50, 52)
Carduus pycnocephalus	E, I, S
Carduus × stangii	B
Carduus tenuiflorus	E, W (41, 46, 49, 52)

Puccinia caricina s.l. R

Carex binervis	E, I, S, W (35, 42-44, 46-49, 52)
Carex caryophylla	E, W (41, 49)
Carex elata	E, I
Carex flagellifera*	B
Carex hostiana	S, W (41, 42, 45, 46, 49, 52)
Carex humilis	E
Carex nigra	E, S, W (42, 43, 46)

Puccinia caricina s.l. R (cont.)

Carex nigra ssp. juncella	B
Carex otrubae	E, W (35)
Carex panicea	E, S
Carex × turfosa	E
Ribes nigrum	E, W (44)
Ribes rubrum	W (52)
Ribes uva-crispa	S, W (42, 44, 46, 48-50, 52)

Puccinia caricina s.s. R

Carex aquatilis	S, W (44, 46)
Carex diandra	B
Carex × fulva	W (42, 46, 48)
Carex × involuta	B
Carex pseudocyperus	E, W (44, 46)
Carex rostrata	E, I, S, W (44)
Carex × subgracilis	E

Puccinia caricina var. caricina R

Carex laevigata	E, W (41, 42, 44, 46, 47, 52)
-----------------	-------------------------------

Puccinia carthami R

Carthamus tinctorius*	S
-----------------------	---

Puccinia celakovskyana R

Cruciata laevipes	E, S, W (41-44, 46, 47, 51)
-------------------	-----------------------------

Puccinia centaureae R

Centaurea calcitrapa	E, S
Centaurea debeauxii	W (46)
Centaurea nigra	E, I, S, W (35, 41-44, 46, 48-52)
Centaurea scabiosa	E, I, S, W (44)

Puccinia cerinthes-agropyrina R

Cynoglossum officinale	E
Echium vulgare	B

Puccinia chaerophylli R

Anthriscus sylvestris	E, I, S, W (44-46, 49-52)
Chaerophyllum aureum	S
Chaerophyllum sp.	E, S
Chaerophyllum temulum	E, I, S, W (41-44, 51)
Myrrhis odorata	E, S, W (35, 42-44, 46-52)

Puccinia chondrillae R

Mycelis muralis	E, I, S, W (42-44, 48-51)
-----------------	---------------------------

Puccinia chrysanthemi R

Chrysanthemum

'Camandra' S

'Full Gold' S

'Mary Shoemith' S

'Rivalry' S

Chrysanthemum indicum cv. E, S

Chrysanthemum × grandiflorum S

Chrysanthemum × morifolium S

Chrysanthemum sp. S

Tanacetum coccineum E

Puccinia chrysosplenii R

Chrysosplenium alternifolium

E, W (42, 43, 50, 51)

Chrysosplenium oppositifolium

E, I, S, W (35, 41-45, 47-50, 52)

Chrysosplenium sp.

E, S, W (47, 49-51)

Puccinia cichorii R

Cichorium endivia

E

Cichorium intybus

E, W (46)

Puccinia cicutae R

Cicuta virosa

E

Puccinia circaeae R

Circaea alpina

S

Circaea × intermedia

S, W (44, 46, 49)

Circaea lutetiana

E, I, S, W (35, 41-52)

Circaea sp.

E, I, S, W (41, 49, 50)

Puccinia cladii R

Cladium mariscus

E, W (41, 49, 52)

Puccinia clintonii R

Pedicularis palustris

S

Pedicularis sylvatica

S

Puccinia cnici R

Cirsium eriophorum

E, W (44)

Cirsium × forsteri

W (43)

Cirsium latifolium

E

Cirsium palustre

S, W (46, 47)

Cirsium vulgare

E, I, S, W (35, 41-52)

Puccinia cnici-oleracei R

Carduus sp.	E
Cirsium acaule	E
Cirsium dissectum	I, W (35, 43)
Cirsium heterophyllum	E, S
Cirsium palustre	E, S, W (35, 41-44, 46-52)

Puccinia commutata R

Centranthus ruber	E, W (41)
Valeriana officinalis	E, S, W (41-43, 45-47, 49, 52)
Valeriana officinalis ssp. sambucifolia	B

Puccinia conii R

Conium maculatum	E, I, S, W (35, 41, 43, 45, 47, 49-52)
------------------	--

Puccinia convolvuli R

Calystegia × lucana	E
Calystegia sepium	E

Puccinia coronata R

Avenella flexuosa	E
Avenula pubescens	E
Brachypodium pinnatum	E
Brachypodium sylvaticum	E
Cynosurus cristatus	E, S
Festuca rubra	S
Festuca sp.	S
Festuca vivipara	S
Phleum pratense	W (44)

Puccinia coronata s.l. R

Alopecurus geniculatus	W (44)
Alopecurus myosuroides	E, W (44)
Alopecurus pratensis	E, S, W (44)
‘Aureovariegatus’	W (44)
Alopecurus sp.	S
Phalaris arundinacea	E, W (41, 51)
Phleum bertolonii	B
Rhamnus cathartica	E, I, S, W (44, 50-52)
×Schedolium braunii	B
×Schedolium loliaceum	E

Puccinia coronata var. avenae R

Glyceria maxima	E, W (44)
-----------------	-----------

Puccinia coronata var. avenae f.sp. avenae R

Avena fatua	E, W (44, 46, 47)
Avena sativa	E, S, W (42-44, 46, 49, 52)
'Expression'	W (49)
'Naked Oats'	W (49)
Avena sp.	E, I, S, W (41, 45, 52)
Avena sterilis ssp. ludoviciana	W (46)
Avena strigosa	S
Dactylis glomerata	E, S, W (35, 41, 43, 44)
Festuca ovina	W (49)
Lolium multiflorum	C, S, W (44, 46)
Lolium perenne	E, I, S, W (41-46, 48, 49, 51, 52)
Lolium sp.	E, S, W (41)
Poa annua	W (44)
Poa chaixii	B
Poa compressa	W (41, 44)
Poa humilis	S, W (46-49, 52)
Poa nemoralis	W (44, 48)
Poa pratensis	B
Poa trivialis	W (44)
Schedonorus arundinaceus	E, I, S, W (35, 41, 44, 46, 49)
Schedonorus giganteus	E, S, W (35, 41-44, 46-52)
Schedonorus pratensis	E, S, W (44)

Puccinia coronata var. avenae f.sp. graminicola R

Arrhenatherum elatius	E, I, S, W (35, 41-46, 48-50)
Arrhenatherum elatius var. bulbosum	S, W (41-47, 49, 50, 52)
Holcus lanatus	E, I, S, W (35, 41-52)
Holcus mollis	E, I, S, W (35, 41-46, 48-52)
Holcus sp.	E, W (35, 41, 44)

Puccinia coronata var. coronata R

Calamagrostis epigejos	E, W (41)
Frangula alnus	E, I, S, W (42, 44-46, 48, 49, 52)

Puccinia coronati-agrostidis R

Agrostis canina	E, S, W (42, 43, 46)
Agrostis capillaris	E, S, W (35, 41-46, 48, 49, 52)
Agrostis gigantea	S, W (42)
Agrostis sp.	E, S
Agrostis stolonifera	E, S, W (35, 41-46, 48-50)
Agrostis vinealis	W (44)

Puccinia coronati-calamagrostidis R

Bromopsis ramosa	E, W (44)
Bromus racemosus	B
Calamagrostis canescens	E
Calamagrostis × acutiflora 'Karl Foerster'	W (44)
Deschampsia cespitosa	E, S, W (35, 41-44, 46, 49, 52)
Trisetum flavescens	E

Puccinia coronati-hordei R

Elymus repens	E, W (44)
---------------	-----------

Puccinia crepidicola R

Crepis capillaris	E, I, S, W (35, 41-44, 46, 48, 49, 52)
Crepis sp.	E, I, S, W (52)
Crepis vesicaria	E, W (35, 44, 48-52)

Puccinia cyani R

Centaurea cyanus	E, S
------------------	------

Puccinia deschampsiae R

Deschampsia cespitosa	E, S, W (35, 42-44, 46, 47, 51)
Deschampsia cespitosa 'Goldtau'	W (50)

Puccinia difformis R

Galium aparine	E, S, W (41, 42, 44-46, 48-52)
----------------	--------------------------------

Puccinia dioicae s.l. R

Carex disticha	B
Carex lepidocarpa	S
Carex maritima	S
Carex montana	B

Puccinia dioicae s.s R

Carex dioica	I, S, W (42, 46, 49)
Cirsium dissectum	B
Cirsium palustre	E, I, S, W (48, 49)

Puccinia divergens R

Carlina vulgaris	E, W (35, 41-44, 46-49, 51, 52)
------------------	---------------------------------

Puccinia elymi R

Ammophila arenaria	E, S, W (41, 45, 46, 49)
×Calammophila baltica var. baltica	E
Leymus arenarius	E, S, W (44, 49, 51, 52)

Puccinia epilobii R	
Epilobium anagallidifolium	E, S
Epilobium ciliatum	E, W (41, 46)
Epilobium hirsutum	E, I, W (42, 44, 46, 50)
Epilobium lanceolatum	W (44)
Epilobium montanum	E, I, S, W (41, 43, 44, 46, 49, 51, 52)
Epilobium obscurum	E, I, S, W (35, 41, 43, 44, 46, 49, 51, 52)
Epilobium palustre	E, I, S, W (35, 42, 43, 46, 49, 51)
Epilobium sp.	E, I, S, W (41-44, 46, 47, 49, 52)
Epilobium tetragonum	E
Puccinia eriophori R	
Eleocharis quinqueflora	S
Puccinia eriophori-alpini R	
Solidago virgaurea	S, W (49)
Trichophorum cespitosum agg.	S, W (49)
Trichophorum germanicum	S
Puccinia eutremae R	
Cochlearia danica	S
Cochlearia pyrenaica ssp. alpina	E, S
Puccinia expansa R	
Jacobaea aquatica	E, I, S, W (46, 47)
Jacobaea vulgaris	E, I, S, W (44, 46, 47, 49-52)
Puccinia extensicola R	
Carex extensa	E, I, W (44-46, 49, 51, 52)
Tripolium pannonicum	E, I, S, W (41, 44-46, 48-52)
Puccinia fergussonii R	
Viola palustris	E, S, W (41-44, 46, 48, 49, 52)
Viola palustris ssp. palustris	W (46, 49)
Puccinia ferruginosa R	
Artemisia vulgaris	E
Puccinia festucae R	
Festuca arenaria	I, S
Festuca brevipila	B
Festuca filiformis	S, W (35, 51)
Festuca glauca	W (42, 44)
'Golden Toupée'	W (44)
Festuca longifolia	B
Festuca ovina	E, S, W (42, 44, 46, 50)

Puccinia festucae R (cont.)

<i>Festuca rubra</i>	E, I, S, W (35, 41, 44-46, 49-52)
<i>ssp. arctica</i>	S
<i>ssp. commutata</i>	S
<i>ssp. juncea</i>	W (45, 46, 48)
<i>ssp. littoralis</i>	W (45, 46, 51)
<i>ssp. rubra</i>	S, W (35, 41, 42, 44-46, 48, 49, 51)
<i>Festuca</i> sp.	S
<i>Festuca vivipara</i>	S, W (42)
<i>Lonicera</i> cv.	W (49, 52)
<i>Lonicera periclymenum</i>	E, I, S, W (41, 43, 44, 47-49, 52)
<i>Lonicera</i> sp.	S

Puccinia galii-cruciatae R

<i>Cruciata laevipes</i>	E, S, W (41, 42, 44, 49)
--------------------------	--------------------------

Puccinia galii-vernii R

<i>Cruciata laevipes</i>	E, W (35, 42-44, 50, 51)
<i>Galium album</i>	E
<i>Galium saxatile</i>	E, I, S, W (35, 41, 43, 45, 46, 49, 51)
<i>Galium</i> sp.	W (52)
<i>Galium uliginosum</i>	E, W (42, 46)
<i>Galium verum</i>	S, W (48)
<i>Galium verum</i> var. <i>maritimum</i>	B

Puccinia gentianae R

<i>Gentiana acaulis</i> *	E, S, W (41)
<i>Gentiana verna</i> *	W (41)

Puccinia geranii-silvatici R

<i>Geranium sylvaticum</i>	S
----------------------------	---

Puccinia gibberosa R

<i>Drymochloa sylvatica</i>	E, S, W (43, 46)
-----------------------------	------------------

Puccinia gladioli R

<i>Gladiolus</i> cv.*	E
-----------------------	---

Puccinia glechomatis R

<i>Agastache rupestris</i>	W (46)
<i>Glechoma hederacea</i>	E, I, S, W (35, 41-52)

Puccinia glechomatis cf. R

<i>Agastache cana</i> 'Bolero'	E
--------------------------------	---

Puccinia glomerata R

<i>Jacobaea aquatica</i>	E, I, S, W (46, 47)
--------------------------	---------------------

Puccinia graminis R

Agrostis canina	S
Agrostis capillaris	I, S, W (41-44, 46-48)
Agrostis gigantea	W (42)
Agrostis sp.	E, I, S
Agrostis stolonifera	E, S, W (41, 44)
Alopecurus pratensis	I, S
Ammophila arenaria	E
Anisantha sterilis	E, S
Anthoxanthum odoratum	E, S, W (35, 41, 43, 44, 46, 48)
Arrhenatherum elatius	E, S, W (42)
Arrhenatherum elatius var. bulbosum	W (41, 42, 44, 46)
Avena fatua	E
Avena sativa	E, S, W (43)
Avena sp.	E, W (49)
Avena sterilis ssp. ludoviciana	E
Avena strigosa	S
Avenella flexuosa	E, S, W (35, 41, 46, 48)
Berberis sp.	E, I, S
Berberis thunbergii f. atropurpurea	W (42, 44, 46)
Berberis × ottawensis	S
Berberis vulgaris	E, S, W (42-44, 46, 47)
Briza media	E, S, W (44)
Bromopsis inermis	S
Bromopsis ramosa	E
Bromus briziformis	S
Cynosurus cristatus	B
Dactylis glomerata	E, I, S, W (41-46)
Deschampsia cespitosa	E, S, W (41, 44)
Elymus caninus	E
Elymus repens	E, I, S, W (35, 49)
Elymus sp.	E
Festuca ovina	W (46)
Festuca rubra	E, S
Glyceria declinata	E
Glyceria sp.	E
Helictochloa pratensis	E
Holcus lanatus	E, I, S
Holcus mollis	E
Hordeum distichon	E, S
Hordeum marinum	W (41)
Hordeum murinum	B
Hordeum vulgare	S
Lolium multiflorum	W (46)

Puccinia graminis R (cont.)

Lolium perenne	E, S, W (35, 41-46, 48, 49, 51, 52)
Lolium sp.	E
Mahonia aquifolium	E, W (41)
Mahonia japonica 'Bealei Group'	S
Milium effusum	W (42)
Phalaris sp.	E
Phleum pratense	E, S, W (44, 46)
Phragmites australis	S
Poa annua	E, W (35)
Poa pratensis	B
Poa trivialis	S
Schedonorus arundinaceus	E, I, S, W (42, 44, 45)
Schedonorus giganteus	E, W (43, 44)
Schedonorus pratensis	S
Secale cereale	E, S
Sesleria caerulea	B
Trisetum flavescens	E
Triticum aestivum	E, I, S
Triticum aestivum 'Jubilee'	E
Triticum sp.	S
Triticum turgidum	S

Puccinia heraclei R

Heracleum sphondylium	E, I, S, W (46, 48, 49)
-----------------------	-------------------------

Puccinia herniariae R

Herniaria ciliolata	E
---------------------	---

Puccinia heucherae R

Heuchera × brizoides 'Red Spangles'	W (46)
Heuchera cv.	E, W (44, 47, 49, 52)
'Alabama Sunrise'	W (49)
'Autumn Leaves'	W (52)
'Beauty Colour'	W (49)
'Boysenberry'	W (46)
'Bressingham Hybrid'	W (49)
'Cherry Cola'	W (49)
'Crème Brûlée'	W (44, 49)
'Firefly'	W (49)
'Georgia Peach'	W (47, 49)
'Ginger Ale'	W (49)
'Hollywood'	W (49)
'Lime Marmalade'	W (49)
'Marmalade'	W (49, 52)
'Melting Fire'	W (52)

Puccinia heucherae R (cont.)

Heuchera cv. (cont.)

'Midnight Rose'	W (49)
'Obsidian'	W (49)
'Original Yellow'	W (49)
'Paris'	W (52)
'Purple Palace'	W (49)
'Rio'	W (47)
'Shanghai'	W (49)
'Silver Streak'	W (49)
'Southern Comfort'	W (49)
'Sparkling Burgundy'	W (49, 52)
'Sugar Frosting'	W (52)
'Sweet Tea'	W (49, 52)

Heuchera villosa 'Autumn Bride'

E

Puccinia hieracii R

Hieracium adelphicum	W (35)
Hieracium alpinum	S
Hieracium anglicum	I
Hieracium argillaceum	W (46)
Hieracium britannicoides	W (49)
Hieracium cerinthiforme	S
Hieracium exotericum	E
Hieracium hebridense	S
Hieracium iricum	S
Hieracium oreades	B
Hieracium prenanthoides	S
Hieracium pulchrius	W (42)
Hieracium repandulare	W (42, 44)
Hieracium rubicundiforme	S
Hieracium sabaudum	E, W (42, 44, 46, 49)
Hieracium sabaudum f. bladdonii	E
Hieracium silvaticoides	B, E
Hieracium sp.	E, I, S, W (35, 41-44, 46, 47, 49-52)
Hieracium subcrocatum	B
Hieracium umbellatum	E, W (41, 43, 44, 47, 49)
Hieracium umbellatum ssp. umbellatum	B
Hieracium vagum	E, S, W (44, 46, 49)
Hieracium vulgatum	E, I

Puccinia holcicola R

Holcus lanatus	E, I, S, W (41, 44-48, 51, 52)
Holcus mollis	E, S, W (41, 42, 44, 46-49)
Holcus sp.	W (35, 42, 49-51)

Puccinia holcina R	
Holcus lanatus	S, W (44)
Puccinia hordei R	
Hordeum distichon	E, W (44, 46)
Hordeum 'Maris Otter'	E
Hordeum 'Midus'	E
Hordeum murinum	E, S, W (41, 44, 49, 51)
Hordeum murinum ssp. murinum	W (41, 44)
Hordeum secalinum	W (42, 44, 52)
Hordeum vulgare	E, S, W (44, 49, 50, 52)
Ornithogalum pyrenaicum	E
Ornithogalum umbellatum	E
Puccinia horiana R	
Chrysanthemum cv.	E, W (42, 44)
'Dark Yotri'	W (44)
'Favorite'	E
Puccinia hydrocotyles R	
Hydrocotyle vulgaris	E, I, S, W (41, 44, 46, 52)
Puccinia hypochaeridis R	
Hypochaeris glabra	B
Hypochaeris maculata	B
Hypochaeris radicata	E, I, S, W (41-52)
Puccinia hysteriorum R	
Tragopogon porrifolius	B
Tragopogon pratensis	E, S, W (35, 41, 45, 47)
Tragopogon pratensis ssp. minor	E, W
Puccinia impatientis R	
Adoxa moschatellina	E
Impatiens capensis	E
Puccinia iridis R	
Iris cv.	E, S, W (35, 44, 47, 49, 51, 52)
Iris foetidissima	E, I, W (35, 41-44, 46, 49-52)
Iris foetidissima 'Variegata'	W (46)
Iris germanica	E, S
Iris missouriensis	E
Iris pseudacorus	E, S
Iris reichenbachii	S
Iris sibirica	B
Iris xiphium	B

Puccinia jaceae R

Centaurea debeauxii	S, W (46)
Centaurea nigra	E, S, W (35, 41-49, 52)
Centaurea scabiosa	W (41, 44)

Puccinia jueliana R

Saxifraga aizoides	S
Saxifraga oppositifolia	S

Puccinia komarovii R

Impatiens glandulifera	E, S, W (41, 44, 46)
------------------------	----------------------

Puccinia kusanoi R

Pleioblastus humilis	W (41)
Semiarundinaria fastuosa	E

Puccinia lagenophorae R

Bellis perennis	E, I, S, W (35, 41-52)
Bellis perennis cv.	E, S, W (44, 46-50, 52)
'Flore Pleno'	E
'Goliath'	E
'Monsterosa'	E
'Pomponette'	E
'Tasso Strawberry and Cream'	W (49)
Calendula vulgaris	W (46)
Jacobaea maritima	E
Jacobaea vulgaris	E, S, W (44)
Pericallis × hybrida	W (46, 51)
Senecio cambrensis	W (51, 52)
Senecio inaequidens	W (46)
Senecio squalidus	E, S, W (35, 41, 44, 46, 49-52)
Senecio sylvaticus	E
Senecio viscosus	E, S
Senecio vulgaris	E, I, S, W (35, 41-52)
Senecio vulgaris ssp. vulgaris	W (35)

Puccinia lagenophorae? R

Emilia coccinea	E
Emilia sonchifolia	E

Puccinia lapsanae R

Lapsana communis ssp. communis	E, I, S, W (35, 41-52)
--------------------------------	------------------------

Puccinia laschii R

Cirsium acaule	E, I, W (42)
Cirsium dissectum	E, W (42, 43)
Cirsium heterophyllum	S
Cirsium palustre	E, I, S, W (35, 42-46, 48-52)

Puccinia leontodontis R	
Leontodon hispidus	E, I, W (35, 41-48, 50, 52)
Leontodon saxatilis	E, S, W (44)
Leontodon sp.	W (43, 49, 51)
Scorzoneroides autumnalis	E, I, S, W (35, 42, 43, 46, 49, 52)
var. autumnalis	S
var. coronopifolia	S
var. latifolia	S
var. nigrolanata	S
var. pinnatifida	S
var. pratensis	S
var. salina	S
var. simplex	S
Puccinia leucanthemi R	
Leucanthemum vulgare	E
Puccinia libanotidis R	
Seseli libanotis	E
Puccinia liliacearum R	
Ornithogalum pyrenaicum*	E
Ornithogalum umbellatum	S
Ornithogalum umbellatum ssp. campestre	E, S
Puccinia ljinica R	
Smyrnium perfoliatum	E
Puccinia lolicolica R	
Lolium multiflorum	E, S, W (35, 44-46)
Lolium perenne	E, S, W (41, 44-46)
Puccinia loliina R	
Lolium multiflorum	W (46)
Lolium perenne	W (44, 46)
Puccinia longicornis R	
Arundinaria gigantea	E
Pseudosasa japonica	E
Sasa palmata	E, W (41, 44, 46, 48)
Sasa palmata 'Nebulosa'	E
Sasa veitchii	E
Sasaella ramosa	E
Thamnocalamus tessellatus	E
Puccinia longissima R	
Koeleria macrantha	E, S, I, W (46)

Puccinia luzulae R

Luzula campestris	S
Luzula pilosa	E, S, W (44, 46, 48-50)
Luzula sp.	W (47)
Luzula sylvatica	E, S

Puccinia magnusiana R

Phragmites australis	E, I, S, W (35, 41, 43-52)
Ranunculus acris	W (51)
Ranunculus bulbosus	E
Ranunculus flammula	E, W (48)
Ranunculus flammula ssp. minimus	S
Ranunculus lingua	E
Ranunculus repens	E, S, W (35, 41, 42, 44, 46, 48-50, 52)

Puccinia magnusii R

Carex riparia	E, I, S, W (35, 44-46, 52)
---------------	----------------------------

Puccinia major R

Crepis paludosa	E, I, S, W (48, 49)
Crepis sp.	S
Crepis vesicaria	C

Puccinia malvacearum R

Alcea × Althaea 'Parkrondell'	W (50)
Alcea ficifolia 'Happy Lights'	W (44)
Alcea rosea	E, I, S, W (35, 41-44, 46-52)
'Burgundy Towers'	W (44)
'Chater's Double Maroon'	W (44)
'Chater's Gold'	W (44)
'Chater's Holly'	W (44)
'Chater's White'	W (44)
'Double Yellow'	W (44)
'Larat Beauty Series'	W (44)
'Miss Holly'	W (44)
'Nigra'	E, W (44)
Althaea cannabina	E, W (44)
Althaea officinalis	E, S, W (41, 43-45, 47)
Malva alcea	E
Malva arborea	E, S, W (41, 44, 46, 50)
Malva × clementii	E, W (43, 44)
Malva maritima	E
Malva moschata	E, S, W (35, 41-46, 48-50)
Malva multiflora	B

Puccinia malvacearum R (cont.)

Malva neglecta	E, I, W (43, 44, 46, 49)
Malva 'Parc Rondell'	E
Malva pusilla	E, I, S, W (41)
Malva setigera	E
Malva sp.	E, S, W (44, 46, 49)
Malva sylvestris	E, I, S, W (35, 41-52)
Malva sylvestris 'Primley Blue'	S, W (44)
Malva trimestris	S
Malva trimestris 'Amyra rosea'	W (44)
Malva verticillata	E
Modiola caroliniana	E
Sida hermaphroditica	E
Sidalcea candida	S
Sidalcea hendersonii	E
Sidalcea malviflora	W (44)
Sidalcea sp.	W (44)

Puccinia mariana R

Silybum marianum	E
------------------	---

Puccinia matricariae R

Matricaria discoidea	W (44)
----------------------	--------

Puccinia menthae R

Clinopodium ascendens	E, W (42, 45-47, 49)
Clinopodium nepeta	E
Clinopodium sp.	E, W (45, 49)
Clinopodium vulgare	E, W (35, 41-43, 47, 49)
Mentha aquatica	E, I, S, W (35, 41-52)
Mentha arvensis	E, I, S, W (41, 43, 44, 46, 48-50)
Mentha cv.	E, W (41, 42, 44, 47)
Mentha × dumetorum var. citrata	W (44, 49, 52)
Mentha × gracilis	E, S, W (41, 44, 46, 49)
Mentha × gracilis 'Variegata'	W (44)
Mentha × piperita	E, S, W (42, 44, 46, 48, 49)
Mentha pulegium	W (44)
Mentha × rotundifolia	E
Mentha × smithiana	E, W (35, 44, 46)
Mentha sp.	E, S, W (35, 41, 42, 44, 49, 50)
Mentha spicata	E, S, W (41, 42, 44-46, 48, 49, 52)
Mentha spicata var. crispa 'Moroccan'	E, W (46)
Mentha suaveolens	E, W (44, 46, 49, 52)
Mentha × verticillata	E, I, S, W (42, 46, 49, 52)
Mentha × villosa	E, S, W (46, 51, 52)

Puccinia menthae R (cont.)	
Mentha × villosa var. alopecuroides	E
Mentha × villosonervata	E, W (44, 46, 49)
Origanum vulgare	E, S, W (35, 42-44, 46, 48-50, 52)
'Aureum'	W (44)
Satureja hortensis	E
Puccinia microsora R	
Carex vesicaria	S
Puccinia millefolii R	
Achillea millefolium	E, I, S, W (41-44, 46-50, 52)
Puccinia mirabilissima R	
Berberis pinnata	S
Mahonia aquifolium	E, I, S, W (35, 41-44, 46, 47, 49-52)
Mahonia fortunei	E
Mahonia japonica	E
Mahonia japonica 'Bealei Group'	E
Mahonia sp.	E, S, W (49, 52)
Mahonia × wagneri	E, W (46)
'Pinnacle'	E
'Undulata'	E
Puccinia mixta R	
Allium schoenoprasum	W (42-45)
Allium schoenoprasum cv.	E, W (35, 42-44, 46-50, 52)
Puccinia montana R	
Centaurea montana	W (51)
Puccinia nemoralis R	
Melampyrum pratense	W (42, 48, 49)
Molinia caerulea	W (48, 49)
Puccinia nitida R	
Aethusa cynapium	E, I
ssp. agrestis	E, W (35, 46, 49)
ssp. cynapium	E, W (43, 44, 46, 47)
Petroselinum crispum	E
Petroselinum sp.	S
Puccinia nitidula R	
Heracleum sp.	S

Puccinia obscura R

Bellis perennis	E, I, S, W (41, 48, 49, 52)
Luzula campestris	E, I, S, W (35, 41-50, 52)
Luzula forsteri	E
Luzula multiflora	E, S, W (42-46, 48, 49, 52)
ssp. congesta	S, W (44, 46)
ssp. multiflora	E, S
Luzula pallescens	E
Luzula pilosa	E, I, S, W (43, 46, 48)
Luzula sylvatica	E, I, S, W (35, 41-52)
Luzula sylvatica 'Marginata'	E

Puccinia opizii R

Carex appropinquata	E
Carex divulsa	B
Carex muricata ssp. muricata	B
Carex muricata ssp. pairae	W (42, 43, 46, 51)
Carex paniculata	E, S, W (41, 44, 46)
Carex spicata	E, W (41)
Lactuca sativa	E
Lactuca sp.	E
Lactuca virosa	E

Puccinia oxalidis R

Oxalis adenophylla	E, S, W (35, 51, 52)
Oxalis articulata	E, S, W (35, 41, 44-49, 51, 52)
Oxalis cv.	E, I, W (35, 41, 42, 44, 46, 49, 52)
Oxalis debilis	E, S, W (35, 44, 49, 50)
var. corymbosa	E, S, W (43, 46)
Oxalis incarnata	E, I, W (46, 49, 52)
Oxalis latifolia	E, I, W (35, 49)
Oxalis rosea	E, W (49)
Oxalis rubra	I
Oxalis triangularis	E, W (52)
ssp. papilionacea 'Atropurpurea'	E
Oxalis tubiflora	E

Puccinia oxyriae R

Oxyria digyna	S, W (49)
---------------	-----------

Puccinia paludosa R

Carex bigelowii	E, S, W (46, 48)
Carex × decolorans	W (46)
Carex elata	E, W (41, 42, 46, 52)
'Aurea'	E, W (41, 42, 44, 46)
Carex nigra	E, S, W (35, 41-46, 48, 49, 52)

Puccinia paludosa R (cont.)

<i>Carex panicea</i>	E, S, W (35, 44, 46, 48, 49)
<i>Pedicularis palustris</i>	E, S
<i>Pedicularis sylvatica</i>	S
<i>ssp. sylvatica</i>	S

Puccinia pazschkei R

<i>Saxifraga</i> 'Bridget'	S
<i>Saxifraga callosa</i>	B
<i>var. leontospathula</i>	S
<i>Saxifraga cotyledon</i>	S
<i>var. corbariensis?</i>	S
<i>Saxifraga crustata</i> <i>var. vochinensis</i>	S
<i>Saxifraga diapensioides</i>	B
<i>Saxifraga hammeri</i>	S
<i>Saxifraga herzon</i> <i>var. cullata</i>	S
<i>Saxifraga holhamneni</i>	S
<i>Saxifraga hostii</i>	S
<i>var. rhaetica</i>	S
<i>Saxifraga longifolia</i> <i>cv.</i>	E, S
<i>Saxifraga</i> 'Obristii'	S
<i>Saxifraga paniculata</i>	S
<i>ssp. paniculata</i> 'Ben'	S
<i>Saxifraga porophylla</i>	S
<i>Saxifraga rigoi</i>	S
<i>Saxifraga</i> × <i>salmonica</i>	B
<i>Saxifraga sempervivum</i>	S

Puccinia pelargonii-zonalis R

<i>Pelargonium</i> <i>sp.</i>	S
<i>Pelargonium</i> × <i>hybridum</i>	E, W (41, 44-46, 49-52)

Puccinia perplexans R

<i>Alopecurus geniculatus</i>	W (44)
<i>Alopecurus myosuroides</i>	W (44)
<i>Alopecurus pratensis</i>	E, S, W (44, 46)
<i>Ranunculus acris</i>	E, S

Puccinia persistens R

<i>Elymus caninus</i>	E, W (44)
<i>var. donianus</i>	B
<i>Elymus repens</i>	E, I, S, W (35, 41-52)
<i>f. aristatus</i>	W (41, 44)
<i>Helleborus viridis</i>	B

Puccinia petasites-pendulae R

Carex pendula

I

Puccinia phragmitis R

Phragmites australis

E, I, S, W (41, 43-46, 48-52)

Rheum × rhabarbarum

E, S, W (35, 42, 49)

Rumex acetosa

E, I, S, W (49, 52)

Rumex acetosella

W (52)

Rumex aquaticus

S

Rumex conglomeratus

E, W (49, 50, 52)

Rumex crispus

E, S, W (44, 45, 49, 52)

ssp. crispus

W (44)

ssp. uliginosus

W (46)

Rumex hydrolapathum

E, S, W (46)

Rumex obtusifolius

E, S, W (44, 48, 49, 51, 52)

Rumex pulcher

E

Rumex sanguineus var. viridis

E, W (44, 49, 50, 52)

Rumex sp.

E, I, S, W (45, 52)

Puccinia physospermi R

Physospermum cornubiense

E

Puccinia picridis R

Picris hieracioides

E, W (41, 43)

Puccinia piloselloidarum R

Pilosella aurantiaca

W (44, 49)

Pilosella officinarum

E, S, W (35, 41-44, 46, 49, 50)

var. euronota

E, W (46)

var. micradenia

W (41)

var. officinarum

W (41, 46)

var. tricholepia

E

var. trichosoma

S, W (46, 51)

Pilosella pelateriana

S

Puccinia pimpinellae R

Pimpinella major

E, I

Pimpinella saxifraga

E, S, W (41-43, 46, 48-52)

Puccinia poae-nemoralis R

Glyceria fluitans

E, W (44)

Glyceria maxima

E, S

Milium effusum

W (44, 45)

Phleum arenarium

W (44)

Phleum pratense

W (44)

Poa angustifolia

B

Poa annua

E, S, W (35, 41, 44-46, 48, 49)

Puccinia poae-nemoralis R (cont.)

<i>Poa compressa</i>	W (41, 44)
<i>Poa glauca</i>	W (49)
<i>Poa humilis</i>	S, W (49)
<i>Poa nemoralis</i>	E, S, W (43, 44, 47)
<i>Poa pratensis</i>	W (35, 44, 46)
<i>Poa sp.</i>	E, S, W (44, 50)
<i>Poa trivialis</i>	S, W (44)

Puccinia poarum R

<i>Tussilago farfara</i>	E, I, S, W (35, 41-52)
--------------------------	------------------------

Puccinia poarum s.l. R

<i>Poa annua</i>	E, S, W (44, 46, 49, 52)
<i>Poa bulbosa</i>	B
<i>Poa chaixii</i>	W (43)
<i>Poa compressa</i>	W (44)
<i>Poa humilis</i>	W (35, 41, 44, 46, 47, 51)
<i>Poa nemoralis</i>	E, S, W (44, 46, 51)
<i>Poa pratensis</i>	E, I, S, W (51)
<i>Poa trivialis</i>	E, S, W (43-45)

Puccinia polemonii R

<i>Polemonium caeruleum</i>	E
-----------------------------	---

Puccinia polygoni R

<i>Fallopia convolvulus</i>	E, I, S, W (41, 42, 44, 49)
<i>Geranium dissectum</i>	B

Puccinia polygoni-amphibii R

<i>Persicaria amphibia</i>	E, I, S, W (35, 41-44, 46-50, 52)
<i>Persicaria lapathifolia</i>	E
<i>Persicaria maculosa</i>	E, I, S, W (35, 44)

Puccinia porri R

<i>Allium ampeloprasum</i>	E, W (41, 45)
<i>Allium ampeloprasum</i> var. <i>babingtonii</i>	I, W (42, 45)
<i>Allium fistulosum</i>	W (45)
<i>Allium oleraceum</i>	E
<i>Allium porrum</i>	E, S, I, W (35, 42-46, 49, 51, 52)
'Apollo'	W (44)
'Autumn Mammoth'	W (44)
'Carlton'	W (44)
'Jaune de Poitou'	W (44)
'Longbow'	W (44)
'Longe du Mesillas'	W (44)
'Lyon Prizetaker'	W (44)

Puccinia porri R (cont.)

Allium porrum (cont.)

'Musselburgh'	W (42-46, 48)
'Neptune'	W (44)
'Oarsman'	W (44)
'Sprinton'	W (44)
'St. Victor'	W (44)
'Striker'	W (44)
'Toledo'	W (48)
'Tornado'	W (44)
'Winter Atlanta'	W (44)
'Zermat'	W (44)
Allium sativum	W (42, 43, 45, 46, 49, 52)
'Marco'	W (43)
Allium schoenoprasum	I, S, W
Allium vineale	I, S
'Hair'	E

Puccinia praecox R

Crepis biennis	E, W (42, 45, 46, 49)
----------------	-----------------------

Puccinia pratensis R

Helictochloa pratensis	E
------------------------	---

Puccinia primulae R

Primula × polyantha	I
Primula veris	E, W (52)
Primula vulgaris	E, I, S, W (41, 44-46, 48, 49, 52)

Puccinia pringsheimiana R

Carex acuta	E, W (42, 43, 52)
Carex nigra	S, W (46)
Ribes nigrum	E
Ribes rubrum	E, S
Ribes sanguineum	S
Ribes spicatum	S
Ribes uva-crispa	E, I, S, W (41, 42, 44, 48-50, 52)

Puccinia prostii R

Tulipa australis*	E
Tulipa sp.*	E
Tulipa sylvestris var. odorata*	S

Puccinia pseudosphaeria R	
Sonchus arvensis	E, I, S, W (35, 41-52)
Sonchus arvensis ssp. uliginosus	W (46)
Sonchus asper	E, I, S, W (35, 41-52)
Sonchus asper ssp. glaucescens	W (46)
Sonchus asper ssp. intergrifolius	S
Sonchus oleraceus	E, S, I, W (35, 41-44, 46-52)
Sonchus palustris	E
Sonchus sp.	E, I, S, W (44, 49, 50, 52)
Puccinia pseudostriformis R	
Poa humilis	C, S, W (35, 41, 44, 46, 51)
Poa pratensis	E, I, S, W (51)
Puccinia ptarmicae R	
Achillea ptarmica	S, W (41, 44)
Puccinia ptarmicae-caricis R	
Carex disticha	B
Puccinia pulverulenta R	
Epilobium ciliatum	E, W (43-46)
Epilobium hirsutum	E, I, S, W (35, 41-46, 49-52)
Epilobium lanceolatum	B
Epilobium montanum	E, I, S, W (35, 41-46, 49, 52)
Epilobium obscurum	E, W (44, 46)
Epilobium palustre	S, W (46)
Epilobium parviflorum	E, S, W (43, 44, 52)
Epilobium sp.	E, S, W (41, 44, 46, 47, 49, 52)
Epilobium tetragonum	E, W (48)
Puccinia punctata R	
Cruciata laevipes	S
Galium aparine	E, W (35, 41, 42, 44, 46)
Galium × pomeranicum	E
Galium sternerii	W (42)
Puccinia punctata f.sp. deminuta R	
Galium palustre	E, I, S, W (35, 41-44, 46-49, 51, 52)
Galium palustre ssp. elongatum	W (42, 44, 46)
Galium palustre ssp. palustre	E, S, W (41, 43, 44, 46, 47)
Galium uliginosum	E, S, W (42, 43, 49)
Puccinia punctata f.sp. galii-molluginis R	
Galium album	E, W (44, 46, 50)
Galium saxatile	E, I, S, W (35, 42, 46, 49, 50, 52)

Puccinia punctata f.sp. galii-veri R	
Galium verum	E, I, S, W (35, 41-44, 46, 48, 49, 51, 52)
Galium verum var. maritimum	W (44, 46)
Puccinia punctiformis R	
Cirsium arvense	E, I, S, W (35, 41-52)
Puccinia pygmaea R	
Agrostis vinealis	W (46)
Calamagrostis canescens	W (42)
Calamagrostis cv.	W (44, 46)
Calamagrostis epigejos	E, S, W (46, 52)
Calammophila baltica var. baltica	E
Puccinia recondita R	
Anchusa officinalis	E
Lycopsis arvensis	E, S
Secale cereale	E, I, S, W (44, 49)
Triticum aestivum	E, I, W (46)
'Skyfall'	W (49)
Puccinia rhodiolae R	
Rhodiola rosea	S
Puccinia ribesii-pendulae R	
Carex pendula	E, I, S, W (35, 41-47, 49-52)
Puccinia ribis R	
Ribes sp.	S
Ribes spicatum	S
Puccinia ribis-nigra-lasiocarpae R	
Carex lasiocarpa	S
Puccinia ribis-nigri-paniculatae R	
Carex paniculata	E, S, W (41, 43-46, 48-50, 52)
Puccinia ruebsaamenii R	
Origanum vulgare	E
Puccinia rugulosa R	
Peucedanum officinale	E
Puccinia saniculae R	
Sanicula europaea	E, I, S, W (42, 44-52)
Puccinia satyrii R	
Satyrium aureum*	E

Puccinia saxifragae R

Micranthes stellaris	S, W (46, 48, 49)
Saxifraga granulata	E, S, W (43)
Saxifraga spathularis	I, W (51)
Saxifraga umbrosa	I

Puccinia schneideri R

Thymus drucei	E, S, W (42, 45)
Thymus pulegioides	E

Puccinia schoeleriana R

Carex arenaria	E, S, W (44, 52)
Carex maritima	S
Jacobaea vulgaris	E, S, W (44, 48, 52)
Senecio vulgaris	E, S
Senecio/Jacobaea sp.	E, W (35)

Puccinia schroeteri R

Narcissus cv.	E
Narcissus jonquilla	B
Narcissus poeticus	E
Narcissus pseudonarcissus	E, I
Narcissus pseudonarcissus cv.	B

Puccinia schroeteriana R

Carex demissa	S, I, W (43, 44, 46, 48, 49, 52)
Carex hostiana	W (52)
Serratula tinctoria	W (52)

Puccinia scirpi R

Nymphoides peltata	E
Nymphoides/Schoenoplectus	W (42)
Schoenoplectus lacustris	E

Puccinia scorzonerae R

Scorzonera humilis	E, W (41)
--------------------	-----------

Puccinia semadenii R

Thysselimum palustre	E
----------------------	---

Puccinia senecionis-acutiformis R

Senecio vulgaris	I
------------------	---

Puccinia septentrionalis R

Bistorta vivipara	S
Thalictrum alpinum	S

Puccinia sessilis R

Allium paradoxum		S
Allium ursinum	E, I, S, W (35, 41-52)	
Arum creticum		E, W (52)
Arum italicum ssp. neglectum		W (44)
Arum maculatum	E, I, S, W (35, 41-52)	
Convallaria majalis		E
Dactylorhiza fuchsii	E, W (41-43, 52)	
Dactylorhiza incarnata		E, W (52)
Dactylorhiza incarnata ssp. incarnata		E, W (43)
Dactylorhiza incarnata ssp. pulchella		E, I
Dactylorhiza maculata	E, I, W (52)	
Dactylorhiza maculata ssp. elodes		I
Dactylorhiza praetermissa	E, W (41, 42, 45)	
Dactylorhiza purpurella	E, S, W (52)	
Dactylorhiza sp.		E
Dactylorhiza × transiens		E
Epipactis palustris		E
Gymnadenia conopsea s.l.	E, W (52)	
Neottia ovata		E
Paris quadrifolia		E
Phalaris arundinacea	E, I, S, W (35, 41-49, 51, 52)	
Phalaris arundinacea var. picta		W (46)
Phalaris arundinacea var. picta 'Aureovariegata'		W (44, 49, 52)
Phalaris canariensis		E
Platanthera chlorantha		S
Polygonatum sp.		E

Puccinia silai R

Silaum silaus		E, S
---------------	--	------

Puccinia silvatica R

Carex capillaris		S
Carex leporina	E, S, W (41-44, 46, 47, 49)	
Taraxacum officinale agg.		S
Taraxacum palustre agg.		S
Taraxacum spectabile		S

Puccinia smyrnii R

Smyrniolum olusatrum	E, I, S, W (35, 41, 42, 44-46, 48-52)	
----------------------	---------------------------------------	--

Puccinia soldanellae R

Soldanella alpina		S
Soldanella sp.*		E, S

Puccinia sorghi R

Zea mays	E, W (41, 46)
Zea mexicana	B

Puccinia sp. R

Allium vineale	W (35, 41, 43-47, 49-52)
Allium vineale var. compactum	W (46, 49)

Puccinia striiformis R

Anisantha sterilis	E
Brachypodium pinnatum	E
Brachypodium sylvaticum	E, S, W (44, 49, 52)
Bromopsis ramosa	E
Bromus sp.	E
Ceratochloa carinata	S
Elymus magellanicus	W (44)
Elymus repens	E, I, S, W (41, 51)
Holcus mollis	E
Hordeum cv.	E
'Ackermans 820'	E
'Astrix'	E
'Dea'	E
'Dura'	E
'Eckendorf'	E
'Eckendorf 5687'	E
'Impala'	E
'Sultan'	E
'Vada'	E
'Zephyr'	E
Hordeum distichon	E, S
Hordeum marinum	E
Hordeum murinum	E, S, W (41, 44)
Hordeum murinum ssp. murinum	W (44)
Hordeum secalinum	W (41, 44)
Hordeum sp.	W (46)
Hordeum vulgare	S
Leymus arenarius	S
Schedonorus giganteus	S
Secale cereale	B
Triticosecale	S
Triticum aestivum	E, S
'Cappelle'	E
'Champlein'	E
'Democrat'	E
'Eclipse'	E

Puccinia striiformis R (cont.)

Triticum aestivum (cont.)

'Grey Spelt'	E
'Iron'	E
'Iron III'	E
'Joss Camb'	E
'Jufy II'	E
'Little Joss'	E
'Maris Beacon'	E
'Nord Desprez'	E
'Norka'	E
'Perdix'	E
'Red Marvel'	E, W (41)
'Rivet'	E
'Score'	E
'Victor'	E
'Viking'	E
'Vilmorin'	E
'Vilmorin 23'	E
'Wilhelmina'	E

Triticum sp. W (46)

Triticum turgidum E, S, W (41)

Puccinia striiformis R

Elymus caninus E, W (44, 49)

Puccinia striiformoides R

Dactylis glomerata E, S, W (35, 41, 42, 44-51)

Puccinia substriata var. penicillariae R

Solanum melongena E

Puccinia sylvatica R

Carex dioica S

Puccinia tanacetii R

Seriphidium sp. B

Tanacetum vulgare E, S, W (46)

Puccinia taraxaci R

Taraxacum alatum W (49)

Taraxacum eckmanii W (49)

Taraxacum faeroense S

Taraxacum fulvum S

Taraxacum haworthianum S

Taraxacum officinale agg. E, I, S, W (35, 41-52)

Taraxacum oxoniense W (46)

Puccinia taraxaci R (cont.)

Taraxacum paludosum	E
Taraxacum palustre agg.	B
Taraxacum pannulatum	W (49)
Taraxacum proximum	S
Taraxacum pseudolarssonii	E
Taraxacum sellandii	W (49)
Taraxacum sp.	S, W (35, 41)

Puccinia teucrii R

Teucrium fruticans	E
--------------------	---

Puccinia thesii R

Thesium humifusum	E
-------------------	---

Puccinia thymi R

Origanum vulgare	E
------------------	---

Puccinia tinctoriicola R

Serratula tinctoria	E, S, W (35, 42, 45, 46, 49, 52)
---------------------	----------------------------------

Puccinia triseti R

Trisetum flavescens	E, S, W (35, 41, 44, 47, 50)
---------------------	------------------------------

Puccinia triticina R

Triticum aestivum	E, S, W (46, 49)
Triticum turgidum	S

Puccinia tumida R

Conopodium majus	E, I, S, W (35, 41-52)
------------------	------------------------

Puccinia uliginosa R

Carex nigra	S, W (48, 52)
Parnassia palustris	E, S

Puccinia umbilici R

Umbilicus rupestris	E, I, S, W (35, 41-46, 48-50, 52)
---------------------	-----------------------------------

Puccinia urticae-acutae R

Carex acuta	E
Carex elata	E
Carex nigra	E, W (42, 44, 46, 52)

Puccinia urticae-acutiformis R

Carex acutiformis	E, S, W (35, 42-44, 46, 48-52)
Carex pseudocyperus	E, W (44, 49)

Puccinia urticae-flacca R

Carex flacca	E, I, S, W (41-50, 52)
--------------	------------------------

Puccinia urticae-hirtae R	
Carex hirta	E, I, S, W (35, 41-44, 46, 49-52)
Puccinia urticae-inflatae R	
Carex rostrata	E, I, S, W (43-47, 52)
Puccinia urticae-paniceae R	
Carex panicea	E, I, W (46)
Puccinia urticae-ripariae R	
Carex riparia	E, S, W (44, 46)
Puccinia urticae-vesicariae R	
Carex vesicaria	E, S, W (42-44, 46, 49)
Puccinia urticata s.l. R	
Carex distans	E
Carex echinata	W (44)
Carex pendula	E
Urtica dioica	E, I, S, W (35, 41-52)
Urtica urens	E
Puccinia variabilis R	
Taraxacum fulvum	S
Taraxacum obliquum	S
Taraxacum officinale agg.	E, I, S, W (35, 41-44, 46-52)
Taraxacum palustre agg.	E, S
Taraxacum sp.	S
Puccinia veronicae R	
Veronica arvensis	E
Veronica chamaedrys?	E
Veronica montana	E, I, S, W (35, 41-52)
Veronica persica	E, W (43)
Puccinia veronicae-longifoliae R	
Veronica spicata	E, W (50)
Puccinia vincae R	
Vinca major	E, I, W (35, 41-52)
Vinca major 'Variegata'	W (41-44, 46, 49, 52)
Vinca minor?	E
Vinca sp.	E, S, W (47)
Puccinia violae R	
Viola × burnatii	E
Viola canina ssp. canina	E, S, I, W (41, 44-46, 48-50, 52)
Viola cornuta	E, I
Viola cv.	E, S, W (43, 44)

Puccinia violae R (cont.)

<i>Viola hirta</i>	E, I, S, W (44, 49)
<i>Viola hirta</i> ssp. <i>calcarea</i>	E
<i>Viola</i> × <i>intersita</i>	S, W (46)
<i>Viola</i> ‘John Quartin’	E
<i>Viola lactea</i> × <i>riviniana</i>	W (46)
<i>Viola lutea</i>	S
<i>Viola oorata</i>	E, I, S, W (43, 50-52)
<i>Viola odorata</i> cv.	E, S
<i>Viola reichenbachiana</i>	E, I, W (35, 43, 44, 52)
<i>Viola riviniana</i>	E, I, S, W (35, 41-52)
<i>Viola riviniana</i> ‘Purpurea Group’	W (43, 46)
<i>Viola</i> × <i>scabra</i>	S
<i>Viola</i> sp.	E, I, S, W (35, 41-43, 47-51)
<i>Viola tricolor</i>	E, W (41, 52)
<i>Viola tricolor</i> cv.	S
<i>Viola tricolor</i> ssp. <i>curtisii</i>	S, W (41)

Puccinia virgae-aureae R

<i>Solidago virgaurea</i>	E, I, S, W (44, 46, 49)
---------------------------	-------------------------

Puccinia vulpiana R

<i>Vulpia bromoides</i>	E, W (35, 42-44, 46, 47, 49, 52)
<i>Vulpia myuros</i>	E, W (43, 44, 46)

Pucciniastrum agrimoniae R

<i>Agrimonia eupatoria</i>	E, I, S, W, (35, 41, 43, 44, 47-51)
<i>Agrimonia procera</i>	E
<i>Agrimonia</i> sp.	E, W (35, 47-50)

Pucciniastrum boehmeriae agg. R

<i>Soleirolia soleirolii</i>	E, W (41, 46, 48, 49, 52)
------------------------------	---------------------------

Pucciniastrum circaeae R

<i>Circaea alpina</i>	S
<i>Circaea</i> × <i>intermedia</i>	E, I, S, W (35, 41-44, 46)
<i>Circaea lutetiana</i>	E, I, S, W (35, 41-52)
<i>Circaea</i> sp.	E, I, S, W (41, 47, 49, 50)

Pucciniastrum epilobii R

<i>Abies alba</i>	S
<i>Abies grandis</i>	S
<i>Chamaenerion angustifolium</i>	E, I, S, W (35, 41-44, 46-52)
<i>Clarkia amoena</i>	E, S, W (41, 44, 49)
<i>Clarkia grandiflora</i>	E, W (41)
<i>Epilobium alsinifolium</i>	W (49)
<i>Epilobium anagallidifolium</i>	S

Pucciniastrum epilobii R (cont.)

Epilobium ciliatum	E, S, W (35, 41-49, 52)
Epilobium hirsutum	E, S, W (35, 41, 42, 44, 46, 49, 52)
Epilobium × interjectum	W (46, 47)
Epilobium lanceolatum	E, W (44)
Epilobium montanum	E, S, W (41, 43, 44, 46-50, 52)
Epilobium obscurum	E, W (43, 46, 48, 49, 52)
Epilobium palustre	E, S, W (42, 44-46, 49)
Epilobium parviflorum	E, W (42, 44, 52)
Epilobium roseum	E
Epilobium sp.	E, I, S, W (41, 44, 46, 49)
Epilobium tetragonum	E, W (42)
Epilobium × vicinum	W (46)
Fuchsia cv.	E, S, W (41, 44, 46-52)
‘C.J. Howlett’	W (46)
‘Corallina’	W (48)
‘Eva Boerg’	W (46)
‘Garden News’	E
‘Golden Treasure’	W (41)
‘Hawkshead’	W (46)
‘Lambarda’	W (44)
‘Little Cracker’	E
‘Marinka’	E
‘Miss California’	E
‘Mrs Popple’	E, W (43, 46)
‘News’	E
Fuchsia magellanica	E, I, S
Fuchsia magellanica cv.	I, W (42, 46, 48)
Fuchsia magellanica ‘Riccartonii’	I
Fuchsia magellanica var. gracilis	W (46)
Fuchsia magellanica var. molinae	I, W (46, 49)
Oenothera biennis	W (52)
Zauschneria sp.	E

Pucciniastrum minimum R

Vaccinium corymbosum	S
----------------------	---

Pucciniastrum pyrolae R

Orthilia secunda	S
Pyrola media	S
Pyrola minor	E, S

Pustula obtusata s.l. D

Crepis capillaris	E
Gerbera jamesonii	E
Inula conyzae	E
Jacobaea maritima	E
Jacobaea vulgaris	W (49)
Matricaria sp.	W (47)
Pericallis × hybrida	E
Scorzonera humilis	W (41)
Senecio squalidus	E, W (44, 49, 52)
Senecio sylvaticus	W (46, 49, 52)
Senecio viscosus	W (43)
Senecio vulgaris	E, I, S, W (35, 41-52)
Tanacetum parthenium	E, I, W (46)

Pustula obtusata s.s. D

Tragopogon porrifolius	E, I
Tragopogon pratensis ssp. minor	E, S, W (35, 41, 43-50, 52)

Pustula spinulosa D

Cirsium arvense	E, I, W (42, 47, 49, 50, 52)
Cirsium dissectum	W (41)
Cirsium heterophyllum	B
Cirsium palustre	I, S, W (46, 49)
Cirsium vulgare	E, W (46, 49)

Ramularia abscondita W

Arctium lappa	E, W (43)
Arctium minus	E, I, W (42, 43, 50, 51)
Arctium sp.	E, I

Ramularia acris W

Ranunculus acris	E, S, W (46)
------------------	--------------

Ramularia adoxae W

Adoxa moschatellina	E, S, W (35, 43, 44, 46, 47, 51)
---------------------	----------------------------------

Ramularia agrestis var. agrestis W

Viola arvensis	W (46)
Viola tricolor	E, S
Viola × wittrockiana	E, I, W (35, 42, 43, 46, 49, 50)

Ramularia agrestis var. deflectens W

Viola arvensis	E, S, W (46)
Viola × wittrockiana	E

Ramularia agrimoniae W	
Agrimonia eupatoria	E
Agrimonia sp.	E
Ramularia ajugae W	
Ajuga reptans	E, I, S, W (41-43, 46-49, 51, 52)
Ajuga reptans 'Burgundy Glow'	E
Ramularia alborosella W	
Cerastium fontanum ssp. vulgare	E, I, S, W (35, 42, 46, 49, 52)
Cerastium glomeratum	W (46)
Cerastium sp.	E, I, S
Ramularia alismatis W	
Alisma plantago-aquatica	E, I
Ramularia alnicola W	
Alnus glutinosa	E
Ramularia alpina W	
Alchemilla alpina	I, S
Ramularia aplospora W	
Alchemilla mollis	E, S, W (35, 42-44, 46-49)
Alchemilla sp.	I
Alchemilla vulgaris agg.	S
Aphanes arvensis	E
Geum sp.	I
Ramularia archangelicae W	
Angelica sylvestris	E, I, S, W (42-44, 46, 47)
Ramularia armoraciae W	
Armoracia rusticana	E, I, S, W (49, 51, 52)
Barbarea intermedia	W (46)
Barbarea verna	E
Barbarea vulgaris	I
Bunias orientalis	E
Cochlearia officinalis	I, S
Hesperis matronalis	W (42, 43, 46)
Ramularia aromatic W	
Acorus calamus	E, S
Ramularia asplenii W	
Asplenium ruta-muraria	E, I, W (42, 43, 46, 47, 49, 51, 52)
Ramularia asteris W	
Tripolium pannonicum	E, S, W (44)

Ramularia atropae W	
Atropa belladonna	E
Ramularia beccabungae W	
Veronica anagallis-aquatica	E, I, S
Veronica beccabunga	E, I, S
Ramularia bellunensis W	
Argyranthemum frutescens	E
Tanacetum parthenium	E
Ramularia berberidis W	
Berberis asiatica	E
Ramularia beticola W	
Beta sp.	E, W (47)
Beta vulgaris	E
ssp. cicla var. cicla	E, W (42, 49)
ssp. cicla var. flavescens	E, W (42, 43, 46, 47)
ssp. maritima	I, S, W (51)
ssp. vulgaris	E, I, S, W (42, 43, 49)
Ramularia bistortae W	
Bistorta officinalis	E, I, S, W (35, 42-46, 49)
Ramularia bosniaca W	
Scabiosa caucasica	E
Ramularia bresadolae W	
Stachys palustris	W (42)
Ramularia brunnea W	
Tussilago farfara	E
Ramularia caduca W	
Circaea lutetiana	E, I, S, W (35, 41-52)
Ramularia calcea W	
Symphytum officinale	E
Symphytum sp.	E
Symphytum × uplandicum	E
Ramularia calthae W	
Caltha palustris	E, I, S, W (43-46, 49, 52)
Ramularia campanulae-latifoliae W	
Campanula latifolia	S

Ramularia cardamines W

Cardamine amara	E
Cardamine flexuosa	E, W (44, 46, 47)
Cardamine hirsuta	S
Cardamine pratensis	W (49-52)
Cardamine sp.	E, I, W (49, 52)

Ramularia carneola W

Scrophularia auriculata	E, I, W (35, 43, 44, 47, 49)
Scrophularia nodosa	E, I, S, W (35, 41-44, 46, 48-52)
Scrophularia vernalis	E, I

Ramularia cerinthes W

Myosotis arvensis	E
Myosotis sylvatica	E, W (35, 43, 44, 46)

Ramularia chaerophylli W

Anthriscus sylvestris	E, I, W (35, 42, 43, 46)
Chaerophyllum temulum	E
Torilis japonica	E

Ramularia chamaedrys W

Veronica chamaedrys	E, I, S, W (35, 42-46, 48, 51, 52)
---------------------	------------------------------------

Ramularia chamaedryos? W

Veronica montana	W (45, 48)
------------------	------------

Ramularia chamaenerii W

Chamaenerion angustifolium	E, S, W (43, 44, 50, 51)
----------------------------	--------------------------

Ramularia coccinea W

Veronica austriaca	E
Veronica chamaedrys	E, S, W (46)
Veronica montana	W (43, 44)
Veronica officinalis	I

Ramularia coleosporii W

Coleosporium tussilaginis on Petasites japonicus	W (42)
Tussilago farfara	E

Ramularia collo-cygni W

Hordeum vulgare (incl. distichon)	E, I, S, W (35, 41, 42, 45, 46)
-----------------------------------	---------------------------------

Ramularia crassiuscula W

Aconitum × stoerkianum	S
------------------------	---

Ramularia cryptostegiae W

Cryptostegia sp.	I
------------------	---

Ramularia cupulariae W

Dittrichia viscosa	I
Inula conyzae	E, W (43)
Pulicaria dysenterica	E, I

Ramularia cynarae W

Carduus crispus	E
Carduus nutans	E, W (43, 50)
Carduus sp.	E
Carduus tenuiflorus	E
Cirsium arvense	S, E, W (42, 43, 49)
Cirsium dissectum	W (43)
Cirsium heterophyllum	W (42, 43)
Cirsium rivulare cv.	W (43)
Cirsium vulgare	E, I, S, W (51)
Cynara cardunculus	E, I
var. cardunculus	W (35, 42)
var. scolymus	E, I, W (42, 43)
'Purple Globe'	W (44)
Onopordum acanthium	E

Ramularia cynoglossi W

Cynoglossum officinale	E, W (46)
------------------------	-----------

Ramularia deusta var. alba W

Lathyrus odoratus	E, S, W (35, 42, 43, 46)
'Juliet'	W (43)
'Leamington'	W (44)
'Miss Wilmott'	W (43)
'White Ensign'	W (44)
'Winston Churchill'	W (44)

Ramularia deusta var. deusta W

Lathyrus latifolius	E, W (35, 43, 46)
'Alba'	E
Lathyrus linifolius	I, W (51)
Lathyrus niger	E, I
Lathyrus palustris	E
Lathyrus pratensis	I, S, W (44)
Lathyrus sylvestris	E
Lathyrus tuberosus	S

Ramularia didyma var. didyma W

Ranunculus acris	E, I, S, W (46, 51)
Ranunculus auricomus	W (43)
Ranunculus cantabrigiensis	E
Ranunculus lingua	S
Ranunculus repens	E, I, S, W (35, 41, 43-46, 48-52)

Ramularia didymarioides W

Silene dioica	E, I, W (42-44, 46)
Silene flos-cuculi	S
Silene latifolia ssp. alba	E, W (51)

Ramularia digitalis W

Digitalis purpurea	E, I, S, W (35, 41-52)
'Alba'	W (50)
'Apricot'	W (44)
Verbascum densiflorum	E
Verbascum nigrum	E
Verbascum thapsus	W (42, 43)

Ramularia doronici W

Doronicum columnae	S
Doronicum pardalianches	E, S, W (42-44, 46, 49, 50)
Doronicum plantagineum	W (46)

Ramularia epilobiana W

Epilobium hirsutum	E, I, S, W (35, 43, 47, 49)
Epilobium montanum	W (41, 42, 49)
Epilobium obscurum	B
Epilobium sp.	E
Epilobium tetragonum	E

Ramularia episphaeria W

Stellaria alsine	W (42, 43, 47)
Stellaria graminea	E
Stellaria holostea	E, W (44)
Stellaria nemorum	E

Ramularia erodii W

Erodium cicutarium	E
Erodium sp.	S

Ramularia fatsiae W

Fatsia japonica	E
-----------------	---

Ramularia filaris W

Jacobaea aquatica	I, S, W (43, 46)
Jacobaea vulgaris	E, I, S, W (46, 49, 51)

Ramularia galegae W

Galega officinalis E, W (35, 43)

Ramularia gei W

Geum × intermedium W (43)

Geum macrophyllum W (46)

Geum rivale S, W (50)

Geum urbanum E, I, S, W (35, 42-52)

Ramularia geranii var. geranii W

Geranium dissectum E

Geranium molle E, S, W (43)

Geranium phaeum E

Geranium pratense E

Geranium pusillum E

Geranium pyrenaicum E, I

Geranium robertianum W (50)

Geranium sanguineum S

Geranium sp. S

Geranium sylvaticum S

Ramularia glechomatis W

Glechoma hederacea E, I, S, W (35, 42-47, 49-52)

Ramularia grevilleana var. grevilleana W

Fragaria ananassa E, I, S

Fragaria sp. W (51)

Fragaria vesca E, I, S

Fragaria virginiana cv. S

Potentilla anserina E, I, S

Potentilla reptans E, W (50)

Potentilla sp. E, I, W (50)

Ramularia hellebori W

Helleborus foetidus E, W (35, 43, 44)

Helleborus sp. E

Helleborus viridis E, W (43, 46)

Ramularia heraclei W

Cicuta virosa E, I

Coriandrum sativum E

Helosciadium nodiflorum W (46)

Heracleum sphondylium E, I, S, W (35, 41-52)

Levisticum officinale E, W (42)

Pastinaca sativa E, I

Pastinaca sativa 'Tender and True' E

Ramularia holci-lanati W	
Holcus lanatus	W (46)
Ramularia inaequalis W	
Helminthotheca echioides	E, S, W (35, 42-45, 49, 52)
Hypochaeris radicata	E, I, S, W (46)
Picris hieracioides ssp. hieracioides	E, W (43)
Scorzoneroides autumnalis	E
Taraxacum sp.	E, I, S, W (35, 41-46, 48, 49, 51, 52)
Ramularia interstitialis W	
Primula elatior	E
Primula × polyantha ‘Gold Lace’	W (42)
Primula veris	E, W (41, 46)
Primula vulgaris	E, I, S, W (41-46, 48-50, 52)
Ramularia jaapiana W	
Limonium vulgare	B
Ramularia keithii W	
Malva moschata	E, S
Malva sp.	E
Ramularia kriegeriana W	
Plantago major	E, I, W (49, 51)
Plantago media	E
Ramularia lactea W	
Viola canina	E, I, S
Viola hirta	E
Viola lactea	S
Viola odorata	E, I, W (35, 43, 49)
Viola reichenbachiana	E, I, S
Viola riviniana	E, I, S, W (35, 42-52)
Viola riviniana ‘Purpurea Group’	E, W (43)
Viola sp.	E, I, S
Ramularia lamii var. lamii W	
Galeopsis bifida	W (43)
Galeopsis tetrahit	W (42, 43, 49)
Lamiastrum galeobdolon	E, W (43)
Lamium album	E, S, W (41-44, 46, 47, 49-52)
Lamium hybridum	W (46)
Lamium purpureum	E, S, W (42, 47, 49)
Lycopus europaeus	E, W (42)
Mentha aquatica	E, I, S
Mentha arvensis	E

Ramularia lamii var. lamii W (cont.)

Mentha spicata W (43)
 Stachys sylvatica E, S, W (46, 49, 50)

Ramularia lamii var. minor W

Ballota nigra ssp. foetida var. mollissima E
 Prunella vulgaris E
 Stachys arvensis W (42)

Ramularia lampsanae W

Lapsana communis ssp. communis E, I, S, W (35, 41-52)

Ramularia linariae W

Linaria vulgaris E, W (43)

Ramularia lychnicola W

Silene dioica E, S, W (50-52)
 Silene flos-cuculi E
 Silene latifolia ssp. alba E

Ramularia lysimachiae W

Lysimachia nemorum E
 Lysimachia nummularia E, W (42-44, 47)
 Lysimachia thysiflora W (43)
 Lysimachia vulgaris E, S

Ramularia macrospora W

Campanula glomerata E
 Campanula latifolia W (43)
 Campanula persicifolia E, I, S
 Campanula pyramidalis S
 Campanula rapunculoides E
 Campanula rotundifolia S

Ramularia macularis W

Atriplex patula E

Ramularia major W

Petasites albus E
 Petasites hybridus E, I, W (35, 41-44, 47, 49, 50, 52)

Ramularia medicaginis W

Melilotus altissimus E
 Melilotus officinalis E
 Melilotus sp. E

Ramularia moehringiae W

Moehringia trinervia E, S, W (42, 46)

Ramularia obducens W	
Pedicularis palustris	I, S
Pedicularis sp.	S
Ramularia onobrychidis W	
Onobrychis viciifolia	E, W (41)
Ramularia parietariae W	
Parietaria judaica	E, I, W (35, 41, 42, 44-46, 49-52)
Ramularia plantaginis W	
Plantago major	E, I, S
Ramularia pratensis var. pratensis W	
Rheum officinale	I
Rheum × rhabarbarum	E, S, W (42-44, 46, 47, 50)
‘Champagne’	W (44)
‘Gaskin’s Perpetual’	W (44)
‘Strawberry Surprise’	W (44)
‘Timperley Early’	W (44)
‘Victoria’	W (44)
Rheum sp.	E, S
Rumex acetosa	W (44)
Rumex acetosa ssp. acetosa	E, I, S, W (35, 42, 43, 45, 46, 49, 52)
Rumex acetosella	S, W (48, 51)
Rumex conglomeratus	W (41, 43)
Rumex crispus ssp. crispus	S, W (41-44)
Rumex crispus ssp. uliginosus	W (46)
Rumex × dufftii	W (44, 48, 50, 51)
Rumex hydrolapathum	W (41)
Rumex maritimus	W (42)
Rumex obtusifolius	E, I, S, W (35, 41-52)
Rumex × pratensis	W (42, 44, 48)
Rumex sanguineus var. viridis	W (42, 43, 45, 46, 50, 52)
Rumex sp.	E, I, S, W (50)
Ramularia primulae W	
Primula elatior	E
Primula juliae	E
Primula × polyantha	E, W (47, 49, 51)
Primula veris	E, W (43, 44, 49, 50)
Primula vulgaris	E, I, S, W (41-46, 48, 49, 52)
Ramularia purpurascens W	
Petasites pyrenaicus	E, I, S, W (35, 42-50, 52)

Ramularia pusilla W

Alopecurus pratensis	E
Cynosurus cristatus	E, I
Phalaris arundinacea	S
Poa humilis	S

Ramularia rhabdospora W

Plantago lanceolata	E, I, S, W (35, 41-43, 46-51)
---------------------	-------------------------------

Ramularia rigidula W

Polygonum aviculare s.l.	E
--------------------------	---

Ramularia rollandii W

Iris sp.	E
----------	---

Ramularia rosea W

Salix caprea	E
Salix cinerea ssp. oleifolia	W (46, 50)
Salix sp.	E
Salix triandra	E
Salix viminalis	E?

Ramularia rubella W

Rumex alpinus	S, W (42)
Rumex conglomeratus	E, S, W (41-44, 46)
Rumex crispus ssp. crispus	E, I, S, W (35, 42-46, 48-51)
Rumex crispus ssp. littoreus	W (49)
Rumex crispus ssp. uliginosus	W (46, 48)
Rumex × dufftii	W (42-44, 47, 48, 50, 51)
Rumex maritimus	E
Rumex obtusifolius	E, I, S, W (35, 41-52)
Rumex palustris	E
Rumex × pratensis	I, W (41-44)
Rumex sanguineus var. sanguineus	W (42, 43)
Rumex sanguineus var. viridis	E, W (35, 41-49, 51)
Rumex sp.	E, I, W (35, 46, 48, 49, 51)

Ramularia rufibasis W

Myrica gale	E, I, S, W (46, 48, 49, 52)
-------------	-----------------------------

Ramularia rufomaculans W

Persicaria hydropiper	W (46)
-----------------------	--------

Ramularia sambucina W

Sambucus nigra	E, I, S, W (35, 42-44, 46, 47, 50)
----------------	------------------------------------

Ramularia saxifragae W	
Saxifraga granulata	W (42, 43)
Saxifraga spathularis	I
Saxifraga × urbium	I
Ramularia schulzeri W	
Lotus corniculatus	E, S
Lotus pedunculatus	E
Ramularia scolopendrii W	
Asplenium scolopendrium	E, I, S, W (35, 42, 43, 46, 49, 50, 52)
Ramularia septata W	
Galanthus elwesii	E, W (42, 44)
Galanthus ‘Jaquetta’	W (44)
Galanthus nivalis	E, S, W (42-44, 46-50, 52)
Galanthus plicatus	W (42, 48)
Galanthus woronowii	W (44)
Ramularia silvestris W	
Dipsacus fullonum	E, W (42)
Ramularia simplex W	
Ficaria verna	W (49)
Ranunculus acris	E, I, S, W (43, 45)
Ranunculus repens	E, S, W (42-52)
Ranunculus sp.	E
Ramularia sphaeroidea W	
Lotus corniculatus	E, I, W (41, 44, 49, 51, 52)
Lotus pedunculatus	E, I, S, W (42, 44, 45, 47-50, 52)
Lotus pedunculatus var. pedunculatus	W (35, 42-44, 46, 48)
Lotus pedunculatus var. vestitus	W (46)
Trifolium sp.	B
Ramularia spiraeae W	
Spiraea sp.	E, I
Ramularia succisae W	
Succisa pratensis	E, I, S, W (42, 46, 47, 51)
Ramularia tanacetii W	
Leucanthemum vulgare	W (43)
Tanacetum vulgare	E
Ramularia telekiae W	
Buphthalmum speciosus	B
Telekia speciosa	B

Ramularia triboutiana W	
Centaurea nigra	E, I, S, W (41-44, 46, 47, 49-52)
Centaurea scabiosa	E
Ramularia tricherae W	
Knautia arvensis	E, I, S, W (43)
Ramularia ulmariae W	
Filipendula ulmaria	E, I, S, W (35, 44, 46, 49-51)
Ramularia urticae W	
Urtica dioica	E, I, S, W (35, 41-52)
Urtica urens	W (43)
Ramularia valerianae var. centranthi W	
Centranthus ruber	E, I, W (42-46, 48-50, 52)
Ramularia valerianae var. valerianae W	
Valeriana dioica	E, W (43)
Valeriana officinalis	E, I, S, W (41-44, 46, 52)
Ramularia vallisumbrosae W	
Narcissus bicolor	W (46)
Narcissus cyclamineus	W (48)
Narcissus hispanicus	W (46)
Narcissus × incomparabilis	W (42, 43, 46)
Narcissus 'Jetfire'	W (43)
Narcissus minor	W (42)
Narcissus poeticus	W (44, 46)
Narcissus pseudonarcissus	E, I, S, W (42-44, 46-48)
Narcissus sp.	E, I, S, W (35, 49, 52)
Narcissus 'Standard Value'	I
Narcissus 'Telamonius Plenus'	W (43)
Narcissus 'Thomas' Virescent Daffodil'	W (44)
Ramularia veronicae W	
Veronica agrestis	W (42, 43)
Veronica arvensis	E, W (42, 43, 52)
Veronica montana	E, S, W (41-44, 51)
Veronica persica	E, W (35, 42-44, 46, 48, 49)
Ramularia winteri W	
Ononis repens	E, I, S, W (41, 44, 46)
Ramularia xanthii W	
Xanthium sp.	E
Rhamphospora nymphaeae S	
Nymphaea alba	E, W (46, 47)

Sawadaea bicornis P

Acer campestre	E, S, W (35, 41-44, 46-49, 52)
ssp. campestre var. campestre	W (42, 43)
ssp. campestre var. oxytomum	W (43, 46)
ssp. leiocarpum	W (42-44, 46)
Acer japonicum cv.	S
Acer negundo	E, W (44, 46)
Acer platanoides	E, S, W (41, 44, 46, 47)
Acer pseudoplatanus	E, I, S, W (35, 41-52)
'Leopoldii'	E
Acer saccharinum	E
Acer saccharum	E
Acer tataricum	E

Sawadaea tulasnei P

Acer macrophyllum	E
Acer negundo	E
'Fleming'	W (44)
Acer palmatum agg.	E, S
Acer platanoides	E, I, S, W (42, 46, 47)
'Goldsworth Purple'	S, W (46)
'Schwedleri'	E

Schizonella cocconii S

Carex flacca	E, S
--------------	------

Schizonella melanogramma S

Carex caryophyllea	W (41, 43)
Carex ericetorum	E

Sclerospora graminicola S

Cenchrus americanus	E
---------------------	---

Sorosphaerula veronicae A

Veronica arvensis	E, S
Veronica catenata	E
Veronica chamaedrys	E
Veronica filiformis	E

Sphacelotheca hydropiperis S

Persicaria hydropiper	E, I, S, W (35, 41-50, 52)
Persicaria maculosa	I, W (42, 46)

Spongospora subterranea A

Solanum tuberosum	E, I, S, W (41)
'Arran Pilot'	E
'Majestic'	E

Spongospora subterranea A (cont.)

Solanum tuberosum (cont.)

'Pentland Crown'

E

'Pentland Javelin'

E

Solanum lycopersicum

E, S

Solanum sp.

E

Sporisorium destruens S

Panicum miliaceum

E

Sporisorium sorghi S

Sorghum bicolor

E

Synchytrium anemones A

Anemone nemorosa

E

Synchytrium anomalum A

Ficaria verna

B

Synchytrium aureum s.l. A

Aegopodium podagraria

S, W (47, 48)

Angelica sylvestris

B

Bellis perennis

S

Caltha palustris

B

Capsella bursa-pastoris

B

Cardamine pratensis

S

Cardamine sp.

S

Epilobium obscurum

S

Epilobium palustre

S

Helosciadium nodiflorum

B

Hieracium sp.

B

Nasturtium officinale

E

Plantago lanceolata

E, I, S, W (43, 44, 46, 49, 52)

Plantago media

E, W (50, 51)

Prunella vulgaris

S

Ranunculus acris

S

Ranunculus repens

E

Raphanus raphanistrum

B

Rorippa nasturtium-aquaticum

B

Scorzoneroides autumnalis

W (41)

var. pinnatifida

W (44, 46)

Thymus drucei

S

Trifolium repens

S

Synchytrium aureum s.s. A

Ajuga reptans

S

Synchytrium cupulatum A	
Potentilla sp.	S
Synchytrium endobioticum A	
Solanum tuberosum	E, I, S, W (35, 41, 49, 51)
Synchytrium galii A	
Galium saxatile	B, W (?)
Synchytrium globosum A	
Viola canina	W (?)
Synchytrium mercurialis A	
Mercurialis perennis	E, S, W (35, 49-52)
Synchytrium myosotidis A	
Myosotis laxa	E
Synchytrium rubrocinctum A	
Saxifraga granulata	W (43)
Saxifraga oppositifolia	W (?)
Synchytrium sanguineum A	
Cirsium arvense	E
Cirsium palustre	E, S, W (?)
Synchytrium stellariae A	
Stellaria media	S
Stellaria pallida	E, S
Synchytrium succisae A	
Dipsacus fullonum	B
Succisa pratensis	E, I, S, W (41-44, 46)
Synchytrium taraxaci A	
Hypochaeris radicata	W (45)
Taraxacum atactum	W (46)
Taraxacum boeckmanii	W (46)
Taraxacum officinale agg.	S
Taraxacum piceatum	W (46)
Taraxacum sp.	E, I, S, W (35, 41-49, 51, 52)
Taphridium umbelliferarum A	
Angelica sylvestris	S
Heracleum sphondylium	E, I, S, W (45, 50-52)
Taphrinaalni A	
Alnus cordata	E, W (45)
Alnus glutinosa	E, I, S, W (35, 41-47, 49-52)
var. glutinosa	W (46)

Taphrinaalni A (cont.)

Alnus glutinosa (cont.)

var. macrocarpa

I, W (42-44, 46, 47)

var. microcarpa

W (42, 46)

Alnus incana

E, S, W (46)

Alnus sp.

W (49, 51, 52)

Taphrinaathyrrii A

Athyrium filix-femina

E, S

Dryopteris affinis agg.

W (46, 47)

Dryopteris dilatata

E, S, W (41)

Dryopteris filix-mas

E, S, W (42, 46)

Taphrinabetulae A

Betula pendula

E, S, W (46)

Betula pubescens

E, I, S

ssp. pubescens

W (46, 49)

ssp. tortuosa

S

Betula sp.

E, I, S, W (43, 46, 50-52)

Taphrinabetulina A

Betula pendula

E, I, S, W (42, 43, 46, 48-51)

Betula pendula × pubescens ssp. celtiberica

W (43, 46)

Betula pendula × pubescens ssp. pubescens

W (46)

Betula pubescens

E, I, S, W (42, 43, 46-48)

ssp. celtiberica

E, I, W (35, 42-44, 46-48)

ssp. pubescens

E, I, S, W (42, 44, 46, 47, 49)

Betula sp.

E, I, S, W (41-43, 46, 48-51)

Taphrinabullata A

Pyronia veitchii

E

Pyrospermum calophyllum

E

Pyrus communis

E, S

'Grande de Mantle'

S

Pyrus korshinskyi

E

Pyrus nivalis

E

Pyrus pashia

E

Pyrus sp.

E, S

Pyrus ussuriensis

E

var. ovoidea

S

Taphrinacaerulescens A

Quercus coccinea

E, W (43)

Quercus ellipsoidalis

E, W (42)

Quercus falcata cf.

E

Quercus ilex

W (41)

Taphrina caerulescens A (cont.)

Quercus marilandica	E
Quercus petraea	S, W (46, 49)
Quercus robur	E, I, S, W (42, 43, 46-48)
Quercus robur f. fastigiata 'Zeeland'	W (42)
Quercus robur × rugosa 'Cambridge'	W (42)
Quercus × rosacea	W (42, 43, 49)
Quercus rubra	E, I, W (42-44, 46, 47)
Quercus shumardii	E
Quercus sp.	E, S, W (46, 48, 49, 51)

Taphrina carpini A

Carpinus betulus	E, S, W (41, 43, 44, 46, 48)
------------------	------------------------------

Taphrina crataegi A

Crataegus laevigata	E
'Paul's Scarlet'	W (43)
Crataegus monogyna	E, S

Taphrina deformans A

Prunus domestica	E
Prunus dulcis	E, I, S, W (35, 46, 49)
Prunus persica	E, I, W (35, 42, 43, 52)
'Lord Napier'	E, S
var. nectarina	S
Prunus serotina	W (35, 48, 52)
Prunus sp.	E, W (35, 42, 43, 48, 49, 52)
Prunus × subhirtella	E
Prunus ussuriensis var. ovoidea	S

Taphrina filicina A

Dryopteris carthusiana	S
Dryopteris dilatata	E, S
Dryopteris sp.	E, W (50)

Taphrina insititiae A

No host given	E, S
Prunus × subhirtella 'Autumnalis'	E

Taphrina johansonii A

Populus tremula	E, S, W (42, 43)
Populus × canescens	E, W (43)

Taphrina padi A

Prunus padus	E, S, W (42, 43, 47, 51, 52)
--------------	------------------------------

Taphrina polystichi A

Polystichum setiferum	E, W (46)
-----------------------	-----------

Taphrina populina A

Populus alba	E
Populus × canadensis	E, W (43)
'Eugenii'	S
'Italica'	E
'Regenerata'	E
'Robusta'	W (46)
'Serotina'	E, S W (44, 46)
Populus × generosa	S
Populus nigra s.l.	E, I, S
var. afghanica	W (46)
ssp. betulifolia	W (42, 43, 46, 47)
ssp. caudina	W (46)
'Italica'	E, S
Populus sp.	E, I, S, W (41, 43, 46, 49, 51, 52)
Populus tremula	E, I, S, W (42)
Populus tremuloides	S
Populus trichocarpa	W (46)
Populus tristis	E

Taphrina potentillae A

Potentilla erecta	E, I, S, W (42, 43, 45, 48, 50, 51)
Potentilla sterilis	W (46)

Taphrina pruni A

Prunus cerasifera	E, W (46, 49)
Prunus 'Cherry Plum'	E
Prunus domestica	E, S, W (42, 46, 47, 49)
ssp. domestica	E, W (41, 42)
ssp. insititia	E, W (42)
ssp. × italica	E, W (42)
'Yellow Mirabelle'	S
Prunus serrulata	S
Prunus spinosa	E, I, S, W (42-52)
Prunus triloba	S

Taphrina rhizophora A

Populus alba	E, W (41)
--------------	-----------

Taphrina sadebeckii A

Alnus cordata	W (49)
Alnus glutinosa	E, S, W (41-43, 46, 47, 49, 50, 52)
var. glutinosa	W (44)
Alnus incana	S, W (49)
Alnus sp.	E, S, W (50, 51)

Taphrina tosquetii A

<i>Alnus glutinosa</i>	E, I, S, W (35, 41-43, 45-50, 52)
var. <i>macrocarpa</i>	I
<i>Alnus</i> × <i>hybrida</i>	W (43)
<i>Alnus incana</i>	W (43)
<i>Alnus</i> sp.	E, I, S, W (48, 50-52)

Taphrina ulmi A

<i>Ulmus glabra</i>	E
<i>Ulmus</i> × <i>hollandica</i>	W (46)
<i>Ulmus procera</i>	E
<i>Ulmus</i> sp.	E, W (49, 51, 52)

Taphrina vestergrenii A

<i>Dryopteris affinis</i> agg.	W (46, 47, 49)
<i>Dryopteris</i> × <i>complexa</i>	W (46)
<i>Dryopteris filix-mas</i>	W (43, 46, 49)

Taphrina wiesneri A

<i>Prunus</i> ‘ <i>Accolade</i> ’	I
<i>Prunus avium</i>	E, S, W (42-45, 47-51)
‘ <i>Plena</i> ’	W (50)
<i>Prunus cerasus</i>	E
<i>Prunus</i> × <i>hillieri</i>	I
<i>Prunus serrulata</i> cv.	W (43, 44)
‘ <i>Hisakura</i> ’	I
‘ <i>Kanzan</i> ’	E, I, W (43, 44, 46, 48)
‘ <i>Shirofugen</i> ’	E
‘ <i>Shirotae</i> ’	I, W (42)
‘ <i>Taihaku</i> ’	I
<i>Prunus serrulata</i> var. <i>hupehensis</i>	I
<i>Prunus</i> sp.	E, I, W (41, 43, 44)
<i>Prunus</i> × <i>subhirtella</i> ‘ <i>Autumnalis</i> ’	W (42-44, 46)
<i>Prunus</i> × <i>subhirtella</i> var. <i>ascendens</i>	I
<i>Prunus</i> × <i>yedoensis</i>	W (44)

Tetramyxa parasitica A

<i>Ruppia maritima</i>	S
<i>Ruppia</i> sp.	E
<i>Zannichellia palustris</i>	E

Tetramyxa triglochinis A

<i>Triglochin maritima</i>	E
----------------------------	---

Thecaphora affinis S

<i>Astragalus glycyphyllos</i>	E
--------------------------------	---

Thecaphora lathyri S	
Lathyrus pratensis	E, S
Thecaphora melandrii S	
Silene uniflora	E
Thecaphora seminis-convolvuli S	
Calystegia × lucana	E
Calystegia sepium	E, W (41, 46, 49)
Calystegia sepium ssp. sepium	E, W (43, 46, 47)
Calystegia silvatica	E, I, W (35, 41, 43)
Calystegia soldanella	E
Convolvulus arvensis	E, W (41, 46)
Thecaphora trailii S	
Cirsium dissectum	E, S, I
Cirsium heterophyllum	S
Thecaphora ulicis S	
Ulex minor	E
Thekopsora areolata R	
Picea abies	E, S
Picea sp.	E
Prunus avium	S
Prunus padus	E, S, W (42, 43, 46)
Prunus serotina	B
Prunus virginiana	B
Thekopsora goeppertiana R	
Abies alba	E, I, S
Abies nordmanniana	E, W
Abies sp.	E, I
Vaccinium corymbosum*	E
Vaccinium vitis-idaea	E, S
Thekopsora guttata R	
Galium album	E
Galium odoratum	E, S, W (41, 44)
Galium palustre	E, W (44, 46)
Galium saxatile	E, S, W (35, 41-44, 46, 48-50, 52)
Galium uliginosum	E, S, W (42)
Galium verum	E, S, W (44, 46, 48, 49, 52)
Sherardia arvensis	E, W (46, 49-52)
Tilletia anthoxanthi S	
Anthoxanthum odoratum	S

Tilletia caries S	
Triticum aestivum	E
Triticum sp.	E, I, W (41, 46, 47)
Tilletia cerebrina S	
Deschampsia cespitosa	S
Tilletia holci S	
Holcus lanatus	E, S, I, W (46)
Holcus mollis	E, S, W (46, 51)
Tilletia lolii S	
Lolium multiflorum	W (46)
Lolium perenne	W (46)
Lolium remotum	W (46)
Lolium temulentum	W (46)
Tilletia menieri S	
Phalaris arundinacea	E, I, S, W (46)
var. picta	E
Tilletia olida S	
Brachypodium pinnatum	E
Tilletia sphaerococca S	
Agrostis canina	I, S
Agrostis capillaris	E, I, S, W (35, 42-44, 46, 47, 51, 52)
Agrostis sp.	I
Agrostis stolonifera	I, S, W (46)
Trachyspora intrusa R	
Alchemilla alpina	S
Alchemilla filicaulis ssp. filicaulis	E, I, S, W (49)
Alchemilla filicaulis ssp. vestita	E, S
Alchemilla glabra	E, S, W (42, 44, 49)
Alchemilla glaucescens	S
Alchemilla minima	B
Alchemilla mollis	E, S
Alchemilla monticola	B
Alchemilla sp.	E, I, S, W (41-44, 47-49)
Alchemilla vulgaris	E, I, S, W (41, 48, 49)
Alchemilla xanthochlora	E, S, W (35, 41, 44, 49)
Aphanes arvensis	I
Tracya hydrocharidis S	
Hydrocharis morsus-ranae	E, W (47)

Tranzschelia discolor R

Anemone blanda	E
Anemone coronaria	E, S, W (44, 47)
Anemone coronaria 'St. Bridgid'	E
Anemone × fulgens	E
Prunus armeniaca	B
'Bredase'	E
'Moorpark'	E
'Royal'	E
Prunus avium	E
Prunus cerasifera	E
Prunus domestica	E, S, W (35, 42-44, 46, 47, 49-51)
'Golden Gage'	W (49)
'Kirke's'	E
'Opal'	W (43)
Prunus domestica ssp. domestica	E, S, W (35, 42, 43, 46, 49)
'Victoria'	E, W (42, 49)
Prunus domestica ssp. insititia	E, S, W (42, 43, 46)
'Prune Damson'	W (43)
Prunus domestica ssp. insititia var. nigra	W (46)
Prunus domestica ssp. × italica	E, W (42)
Prunus domestica var. syriaca	E
Prunus persica	E
'Pineapple'	E
Prunus persica var. nectarina	E
Prunus sp.	W (46)
Prunus spinosa	E, S, W (42, 44, 49)

Tranzschelia fusca R

Anemone nemorosa	E, I, S, W (35, 42, 44-52)
Anemone tuberosa	E

Tranzschelia pruni-spinosae R

Prunus cerasifera	E
Prunus divaricata	E
Prunus domestica	E, W (41, 44)
Prunus domestica ssp. insititia	E
'Merryweather Damson'	W (48)
'Prune Damson'	W (48)
'St. Julien'	W (48)
Prunus domestica ssp. × italica	E
Prunus sp.	E, I, W (47)
Prunus spinosa	E, I, W (35, 41-49, 52)

Tranzschelia thalictri R	
Thalictrum flavum	E, S
Thalictrum minus	S, W (42)
Thalictrum minus ssp. arenarium	S
Tranzscheliella hypodytes S	
Ammophila arenaria	E, S
Arrhenatherum elatius	E
Bromopsis erecta	E
Elymus athericus	E
Elymus junceiformis	E, W (44, 52)
Elymus repens	E, S
Glyceria notata	E
Leymus arenarius	E, S, W (51)
Trisetum flavescens	E
Triticum aestivum	E
Triphragmium filipendulae R	
Filipendula vulgaris	E, I, S, W (49)
Triphragmium ulmariae R	
Filipendula ulmaria	E, I, S, W (35, 41-52)
Uredinopsis americana R	
Onoclea sensibilis*	E, S
Uredinopsis filicina R	
Phegopteris connectilis	S
Uredo behnickiana R	
Encyclia pentonis*	B
Epidendron vitellinum*	B
Laelia sp.*	B
Oncidium varicosum*	B
Phaius wallichii*	E
Uredo epidendri R	
Epidendron paniculatum*	B
Uredo glyceriae R	
Puccinellia distans	E, W (44)
ssp. borealis	S
Puccinellia maritima	E, S, W (41, 44)
Puccinellia rupestris	E, S, W (35, 41)
Uredo goodyerae R	
Goodyera repens	S

Uredo morvernensis R	
Thymus drucei	I, S, W (44, 49)
Urocystis agropyri S	
Elymus repens	E, W (43)
Urocystis agropyri-campestris S	
Elymus athericus	E
Urocystis agrostidis S	
Agrostis capillaris	E
Agrostis stolonifera	E
Urocystis alopecuri S	
Alopecurus pratensis	E, W (43, 44)
Urocystis anemones s.s. S	
Anemone nemorosa	E, I, S, W (35, 41-51)
Anemone ranunculoides	E
Urocystis aquilegiae S	
Aquilegia amaliae	E
Urocystis avenae-elatioris S	
Arrhenatherum elatius	E
Urocystis bolboschoeni S	
Bolboschoenus maritimus	E
Urocystis bolivarii S	
Lolium perenne	E
Urocystis colchici S	
Bulbocodium vernum*	B
Colchicum autumnale	E, W (42)
Colchicum speciosum	W (48)
Urocystis eranthisis S	
Eranthis hyemalis	E, S, W (42, 43, 46)
Urocystis ficariae S	
Ficaria verna	E, S, W (49)
Ficaria verna ssp. fertilis	W (35, 42, 44, 46)
Urocystis filipendulae S	
Filipendula vulgaris	E
Urocystis fischeri S	
Carex caryophyllea	W (41)
Carex demissa	S
Carex flacca	E, I, S, W (44, 46, 49, 52)

Urocystis fischeri S (cont.)	
Carex × fulva	W (49)
Carex nigra	S
Carex panicea	S
Urocystis floccosa S	
Helleborus viridis	E
Urocystis gladiolicola S	
Gladiolus cv.	E
Urocystis irregularis S	
Aconitum napellus	S
Urocystis junci S	
Juncus acutiflorus	E
Juncus acutus	E
Urocystis magica S	
Allium cepa	E, S, I
Allium porrum	E, S
Allium vineale	E, S
Urocystis melicae S	
Melica uniflora	E
Urocystis occulta S	
Secale cereale	E, S
Urocystis poae S	
Poa sp.	S
Urocystis primulae S	
Primula veris	E
Primula vulgaris	E, S, W (46)
Urocystis primulicola S	
Primula farinosa	E, S
Urocystis pulsatillae S	
Pulsatilla vulgaris	E, I
Urocystis ranunculi S	
Ranunculus acris	E, I, S
Ranunculus bulbosus	E, I
Ranunculus repens	E, I, S, W (35, 41-44, 46-52)
Ranunculus sp.	E, S, W (41, 47, 48)

Urocystis sorosporioides S

Thalictrum alpinum	S
Thalictrum aquilegiifolium	B
Thalictrum minus	E, S

Urocystis syncocca S

Hepatica americana	E
Hepatica nobilis	E
Hepatica pennsylvanica	E

Urocystis trientalis S

Trientalis europaea	S
---------------------	---

Urocystis trillii S

Trillium kurabayashii	E
-----------------------	---

Urocystis trollii S

Trollius × cultorum	E
Trollius cv.	E, W (41, 51)
Trollius europaeus	W (42)
Trollius sp.	E, S

Urocystis ulei S

Festuca arenaria	E, S
Schedonorus arundinaceus	E
Schedonorus giganteus	E

Urocystis ulmariae S

Filipendula ulmaria	E, S, W (46)
---------------------	--------------

Urocystis violae S

Viola hirta	E
Viola odorata	E, I
Viola riviniana	E, I, S, W (43, 45, 46, 49, 50)
Viola sp.	E, W (47)

Uromyces acetosae R

Rumex acetosa	E, I, S, W (41-49, 51)
Rumex acetosa ssp. acetosa	W (42, 43, 46, 49)
Rumex acetosella	E, S, W (43, 46, 49, 52)

Uromyces aecidiiformis R

Fritillaria graeca*	E
Lilium aff. martagon	B
Lilium candidum*	E
Lilium sp.*	E

Uromyces airae-flexuosae R

Avenella flexuosa	E, S, W (35, 41-44, 46-49, 51, 52)
-------------------	------------------------------------

Uromyces aloes R	
Aloe glauca*	S
Aloe sp.*	S
Uromyces ambiguus R	
Allium ampeloprasum	E, I
var. babingtonii	I, W (42, 45)
var. bulbiferum	C
Allium schoenoprasum	W (46)
Allium scorodoprasum	W (46)
Uromyces anthyllidis R	
Anthyllis vulneraria	E, I, S, W (41, 44-46, 48-52)
ssp. lapponica	S
ssp. vulneraria	S, W (41, 44)
ssp. vulneraria var. langei	W (46)
Trifolium campestre	E
Trifolium dubium	E, S
Uromyces ari-triphylli R	
Arisaema sp.*	E
Arisaema triphyllum*	E
Peltandra virginica*	S
Uromyces armeriae R	
Armeria alliacea	S
Armeria alpina	S
Armeria distantifolia	S
Armeria maritima 'Lauchiana'	S
Armeria maritima ssp. elongata	E, S
Armeria maritima ssp. maritima	E, I, S, W (41, 44-46, 49, 51, 52)
Armeria pseudoarmeria	S, W (51)
Uromyces behenis R	
Silene latifolia	E
Silene nutans	W (51)
Silene uniflora	E, I, S, W (45, 46, 48, 49, 52)
ssp. prostrata	S
Silene vulgaris	E, S, W (46, 52)
Uromyces beticola R	
Beta vulgaris 'Sanguinea'	W (44)
Beta vulgaris ssp. cicla	E, W (43-46, 48, 49)
'Orange Fantasia'	W (44)
'T.S. Hard'	W (44)
var. flavescens	E, S, W (43, 44, 46)
'Vulcan'	W (44)

Uromyces beticola R (cont.)

Beta vulgaris ssp. maritima	E, I, S, W (35, 41, 44, 45, 49-52)
Beta vulgaris ssp. rapacea 'Tonda di Chioggia'	W (44)
Beta vulgaris ssp. vulgaris 'Mangelwurz'	E, S, W (42, 43, 45, 49) S
var. rapacea	E, W (49)
var. vulgaris	E
Spinacia oleracea	E, W (41)

Uromyces chenopodii R

Suaeda maritima	E, S, W (41, 44-46, 48, 49, 51, 52)
Suaeda vera	E

Uromyces colchici R

Colchicum autumnale*	E
Colchicum speciosum*	E
Colchicum variegatum*	E

Uromyces croci R

Crocus vernus	S
---------------	---

Uromyces dactylidis R

Dactylis glomerata	E, I, S, W (35, 41, 42, 44-46, 49-52)
Festuca rubra	E, S, W (41, 50)
Festuca vivipara	S
Ranunculus acris	E, I, S, W (44, 45)
Ranunculus auricomus	B
Ranunculus bulbosus	E, S
Ranunculus repens	E, I, S, W (35, 41-50, 52)
Ranunculus sceleratus	E
Ranunculus sp.	S

Uromyces dianthi R

Dianthus barbatus	E, S, W (44, 51)
Dianthus caryophyllus	E, S, W (44)
Dianthus caryophyllus × plumarius	S
Dianthus cv.	E, S
Dianthus deltoides	W (51)

Uromyces ervi R

Ervilia hirsuta	E, S, W (35, 42-52)
Ervum tetraspermum	E, W (44, 46)

Uromyces erythronii R

Erythronium dens-canis*	E
-------------------------	---

Uromyces euphorbiae-corniculati R

Lotus angustissimus	E
Lotus corniculatus	E, I, S, W (35, 41-46, 48, 49, 52)
Lotus corniculatus var. carnosus	W (46)
Lotus corniculatus var. sativus	W (44)
Lotus pedunculatus	W (41, 44)
Lotus subbiflorus	C
Lotus tenuis	E, W (44)

Uromyces fallens R

Trifolium dubium	W (41)
Trifolium incarnatum	S
Trifolium medium	W (35)
Trifolium pratense	E, I, S, W (35, 41-44, 46, 49-52)
Trifolium sp.	W (51, 52)

Uromyces festucae R

Festuca rubra	E, W (41, 51)
---------------	---------------

Uromyces ficariae R

Ficaria verna	E, I, S, W (35, 42-50, 52)
Ficaria verna ssp. fertilis	E, W (42-44, 46, 47)
Ficaria verna ssp. verna	E, S, W (35, 41-52)

Uromyces flectens R

Trifolium arvense	E
Trifolium fragiferum	E, W (44)
Trifolium hybridum	E, W (35, 44)
Trifolium pratense	E, I, W (44, 46, 49)
Trifolium repens	E, I, S, W (35, 41-44, 46, 49-51)
Trifolium sp.	E, S, W (52)

Uromyces gageae R

Gagea lutea	E
-------------	---

Uromyces galegae R

Galega officinalis	E
--------------------	---

Uromyces genistae R

Genista anglica	E, S, W (35, 43, 44)
Genista pilosa	W (42)
Genista sagittalis*	E
Genista tinctoria	E

Uromyces gentianae R

Gentianella amarella	E
----------------------	---

Uromyces geranii R

Geranium albiflorum	B
Geranium cinereum	S
Geranium columbinum	E, W (52)
Geranium cv.	E, W (43)
Geranium dissectum	E, S, W (52)
Geranium endressii	B
Geranium himalayense	S
Geranium lucidum	I
Geranium molle	E, I, S, W (41, 49, 50, 52)
Geranium natalense var. album	S
Geranium × oxonianum	W (44)
Geranium phaeum	E, W (44)
Geranium pratense	E, S, W (41-44, 46, 49-52)
Geranium psilostemon	E
Geranium pusillum	E
Geranium pyrenaicum	E, I, S, W (35, 41, 42, 44, 47-52)
Geranium robertianum	E, I, W (35, 41-44, 46, 48, 49, 52)
ssp. celticum	W (41, 44)
Geranium rotundifolium	E, S, W (46)
Geranium sanguineum	E
Geranium sp.	E
Geranium sylvaticum	E, S, W (47)
'Album'	E
'Mayflower'	W (44)

Uromyces hippocrepidis R

Hippocrepis comosa	E
--------------------	---

Uromyces holwayi R

Lilium columbianum*	E
---------------------	---

Uromyces hyacinthi R

Brimeura fastigiata	S
Hyacinthoides hispanica	E, S, W (35, 41, 44, 46, 49, 51, 52)
Hyacinthoides × massartiana	E, S, W (41-46, 48-52)
Hyacinthoides non-scripta	E, I, S, W (35, 41-52)

Uromyces inaequialtus R

Silene nutans	C, W (51)
---------------	-----------

Uromyces junci R

Juncus acutiflorus	W (52)
Juncus articulatus	E, S, W (41, 44, 46, 52)
Juncus articulatus var. nigriflorus	W (46)
Juncus bufonius	W (44)

Uromyces junci R (cont.)

<i>Juncus conglomeratus</i>	E
<i>Juncus effusus</i>	E
<i>Juncus effusus</i> var. <i>subglomeratus</i>	E
<i>Juncus inflexus</i>	E
<i>Juncus subnodulosus</i>	E, W (41, 44, 50)
<i>Pulicaria dysenterica</i>	E, W (44, 45, 52)

Uromyces laburni R

<i>Laburnum anagyroides</i>	E
-----------------------------	---

Uromyces lathyrifolii R

<i>Lathyrus latifolius</i>	E, W (41, 44)
----------------------------	---------------

Uromyces limonii R

<i>Goniolimon tataricum</i> var. <i>angustifolium</i>	E
<i>Limonium binervosum</i>	W (44)
<i>Limonium platyphyllum</i>	E, W (35)
<i>Limonium</i> sp.	S
<i>Limonium vulgare</i>	E, S, W (41, 44, 48-50, 52)

Uromyces lineolatus R

<i>Berula erecta</i>	E
<i>Bolboschoenus maritimus</i>	E, S, W (41, 44-46, 49, 51, 52)
<i>Glaux maritima</i>	E, S, W (44, 45, 51, 52)
<i>Helosciadium nodiflorum</i>	W (44)
<i>Oenanthe crocata</i>	E, S, W (41, 44-46, 49, 51, 52)
<i>Oenanthe fistulosa</i>	E, I
<i>Oenanthe lachenalii</i>	E, S, W (44, 49, 52)
<i>Sium latifolium</i>	I

Uromyces lupinicola/renovartus R

<i>Lupinus</i> sp. cv.	E
------------------------	---

Uromyces minor R

<i>Trifolium campestre</i>	E, W (44)
<i>Trifolium dubium</i>	E, I, W (35, 41-47, 49, 52)
<i>Trifolium incarnatum</i> ssp. <i>molinerii</i>	C
<i>Trifolium micranthum</i>	W (52)

Uromyces muscari R

<i>Bellevalia</i> sp.	S
<i>Muscari armeniacum</i> *	S
<i>Muscari neglectum</i>	S
<i>Muscari</i> sp.	E, S, W (35)

Uromyces onobrychidis R

<i>Onobrychis viciifolia</i>	E, W (44)
------------------------------	-----------

Uromyces phaseoli R

Phaseolus coccineus	E, W (35, 41-46, 51)
'Constanza'	W (44)
'Enorma'	W (42)
'Scarlet Emperor'	W (42-44)
Phaseolus sp.	E, I, S
Phaseolus vulgaris	E, W (35, 41-46, 51)

Uromyces pisi R

Euphorbia cyparissias	E, S
Lathyrus latifolius	E, W (44)
Lathyrus odoratus cv.	W (35)
Lathyrus oleraceus	E, S, W (35, 41, 49)
Lathyrus palustris	E
Lathyrus pratensis	E, I, S, W (41-46, 48-52)
Lathyrus sylvestris	W (44)

Uromyces pisi-sativi s.l. R

Argyrocytisus battandieri	E
---------------------------	---

Uromyces poae R

Ficaria verna	E, I, S, W (35, 41-52)
ssp. fertilis	S, W (43-47)
ssp. ficariiformis	W (42)
ssp. verna	E, S, W (35, 41-52)
Poa annua	E, W (44)
Poa compressa	B
Poa humilis	S, W (44)
Poa nemoralis	S, W (44, 45)
Poa palustris	B
Poa pratensis	E, S, W (44)
Poa sp.	E, S, W (35, 42, 48-50, 52)
Poa trivialis	E, S, W (35, 42-45, 47, 48)
Ranunculus repens	S

Uromyces polygoni-avicularis R

Polygonum agrestinum	S, W (46)
Polygonum arenastrum	E, S, W (41, 44, 46, 52)
Polygonum aviculare s.l.	E, I, S, W (35, 41-52)
Polygonum aviculare s.s.	S
Polygonum bellardii	W (46)
Polygonum chamaechyton	S
Polygonum depressum	W (43, 46)
Polygonum maritimum	E
Polygonum oxyspermum ssp. raii	S
Polygonum rurivagum	W (44, 46)
Rumex acetosella	S

Uromyces punctatus R

Astragalus danicus E, S

Uromyces rumicis R

Ficaria verna S

Ranunculus repens W (46)

Rumex conglomeratus E, I, S, W (43, 44)

Rumex crispus E, I, S, W (35, 41, 44-46, 49-52)

ssp. crispus E, I, S, W (44, 46)

ssp. littoreus E, S, W (46, 48-50)

ssp. uliginosus W (46)

Rumex hydrolapathum E, S, W (41, 46, 48, 52)

Rumex longifolius S

Rumex maritimus E

Rumex obtusifolius E, I, S, W (42-52)

Rumex palustris E

Rumex patientia E

Rumex × pratensis W (46)

Rumex sanguineus var. viridis E, S, W (35, 41, 43, 44)

Rumex × schulzei E

Rumex sp. W (47-52)

Uromyces salicorniae R

Salicornia dolichostachya W (44, 46, 49, 52)

Salicornia europaea E, W (44, 49, 51, 52)

Salicornia pusilla W (41, 44)

Salicornia pusilla × ramosissima W (41)

Salicornia ramosissima E, W (41, 44, 46, 49)

Salicornia sp. E, W (44, 49, 51, 52)

Sarcocornia perennis B

Uromyces sarothamni R

Cytisus scoparius E, S, W (42, 44)

Uromyces scillarum R

Scilla autumnalis E

Scilla bifolia E

Scilla verna E, S, W (35, 41, 45, 46, 49, 52)

Uromyces scrophulariae R

Scrophularia auriculata E, I, S, W (44, 47)

Scrophularia nodosa E, I, S

Scrophularia scorodonia E

Scrophularia umbrosa E

Uromyces scutellatus R	
Euphorbia cyparissias	E, S
Euphorbia × pseudovirgata	E
Uromyces silphii R	
Juncus tenuis	E, W (41, 44, 46-49)
Uromyces sommerfeltii R	
Solidago virgaurea	W (46, 49)
Uromyces sparsus R	
Spergularia marina	E, W (41, 44, 49, 52)
Spergularia media	E, W (44, 46, 52)
Spergularia rubra	E, S
Uromyces striatus R	
Medicago arabica	E, W (49, 50)
Medicago lupulina	E, I, S, W (35, 41, 44-46, 49, 51, 52)
Medicago polymorpha	E
Medicago sativa	E, W (51)
Uromyces tinctoriicola R	
Euphorbia hyberna	I
Uromyces transversalis R	
Gladiolus sp.*	B
Uromyces trifolii-repentis R	
Trifolium hybridum	E, S, W (35, 44)
Trifolium repens	E, S, W (44, 50)
Uromyces tuberculatus R	
Euphorbia exigua	E
Euphorbia hyberna	I
Uromyces ulicis R	
Ulex europaeus	S, W (46)
Ulex gallii	S, W (46)
Uromyces valerianae R	
Valeriana dioica	E, S, W (35, 42-44)
Valeriana officinalis	E, I, S, W (35, 41-49, 52)
Valeriana officinalis ssp. sambucifolia	E, I, W (46)
Uromyces viciae-fabae R	
Ervilia hirsuta	E, W (41, 44, 49, 52)
Ervilia sylvatica	E, W (44)
Lathyrus pratensis	E, I, S, W (35, 42, 49-52)
Vicia bythinica	E

Uromyces viciae-fabae R (cont.)

<i>Vicia cracca</i>	E, I, S, W (35, 41-46, 49-52)
<i>Vicia faba</i>	E, I, S, W (41-50, 52)
<i>Vicia lathyroides</i>	S, W (48)
<i>Vicia lutea</i>	E
<i>Vicia sativa</i>	E, I, S, W (41, 43, 44, 46, 48-52)
<i>Vicia sativa</i> ssp. <i>nigra</i>	E, W (44, 46, 51)
<i>Vicia sativa</i> ssp. <i>sativa</i>	E
<i>Vicia sativa</i> ssp. <i>segetalis</i>	W (43-46)
<i>Vicia sepium</i>	E, I, S, W (35, 41-44, 46, 47, 49-52)

Uromyces viciae-fabae var. orobi R

<i>Lathyrus linifolius</i> var. <i>montanus</i>	E, I, S, W (42, 43, 46-48, 51)
---	--------------------------------

Ustanciosporium gigantosporum S

<i>Rhynchospora alba</i>	E, S
--------------------------	------

Ustanciosporium majus S

<i>Rhynchospora alba</i>	E, I, W (46)
--------------------------	--------------

Ustilago avenae S

<i>Arrhenatherum elatius</i>	E, I, S, W (35, 41-52)
<i>Arrhenatherum elatius</i> var. <i>bulbosum</i>	W (44, 46)
<i>Arrhenatherum elatius</i> var. <i>elatius</i>	W (42-48, 51, 52)
<i>Avena sativa</i>	E, S
<i>Avena strigosa</i> 'S. 75'	S, W (43)

Ustilago bromivora S

<i>Anisantha diandra</i>	E
<i>Anisantha madritensis</i>	E
<i>Anisantha rigida</i>	E
<i>Anisantha sterilis</i>	E
<i>Bromus briziformis</i>	E
<i>Bromus hordeaceus</i> ssp. <i>hordeaceus</i>	E, W (52)
<i>Bromus secalinus</i>	E
<i>Ceratocloa cathartica</i>	E
<i>Elymus caninus</i>	S

Ustilago cynodontis S

<i>Cynodon dactylon</i>	E
-------------------------	---

Ustilago davisii S

<i>Glyceria fluitans</i>	S
--------------------------	---

Ustilago echinata S

<i>Phalaris arundinacea</i>	E, S, W (44)
-----------------------------	--------------

Ustilago filiformis S

Glyceria declinata	E, W (44, 46, 52)
Glyceria fluitans	E, I, S, W (44, 46, 52)
Glyceria maxima	E, I, S, W (35, 41, 43, 44, 46, 47, 52)
Glyceria notata	E
Glyceria × pedicellata	E
Glyceria sp.	E, I, S, W (43, 50, 51)

Ustilago grandis S

Phragmites australis	E, I, S, W (41, 44, 46)
----------------------	-------------------------

Ustilago hordei S

Arrhenatherum elatius	E
Avena brevis	W (46)
Avena fatua	E
Avena sativa	E, I, S, W (46, 49)
Avena strigosa	S, W (46)
Hordeum distichon	E
Hordeum sp.	E, S, W (50)
Hordeum vulgare	E, S, W (49, 50)

Ustilago maydis S

Zea mays	E, W (49)
----------	-----------

Ustilago scrobiculata S

Calamagrostis canescens	E
-------------------------	---

Ustilago serpens S

Bromopsis erecta	E
Elymus junceiformis	E, W (46, 52)
Elymus repens	E, W (46, 51)

Ustilago striiformis S

Agrostis gigantea	W (46)
Agrostis stolonifera	E
Anthoxanthum odoratum	S
Arrhenatherum elatius	E, S
Brachypodium sylvaticum	E
Calamagrostis canescens	E
Dactylis glomerata	E, S
Deschampsia cespitosa	E
Elymus repens	I
Festuca ovina	B
Festuca rubra	W (46)
Holcus lanatus	E, I, S, W (35, 41, 46, 49)
Holcus mollis	E, I, S, W (35, 41-47, 49)
Lolium perenne	B

Ustilago striiformis S (cont.)

Phalaris arundinacea	E, I, S, W (44)
Phleum pratense	E
Poa pratensis	B
Poa sp.	S
Poa trivialis	B
Puccinellia maritima	S
Sesleria caerulea	I, S

Ustilago tritici S

Hordeum distichon	E
Hordeum sp.	E, S
Hordeum vulgare	E
Hordeum vulgare ssp. nudum	E, I, S, W (49)
Triticum aestivum	E
Triticum sp.	E, I, S, W (49, 52)

Ustilentyloma brefeldii S

Arrhenatherum elatius	S
-----------------------	---

Ustilentyloma fluitans S

Glyceria fluitans	S
-------------------	---

Vankya heufleri S

Erythronium oregonum cv.	S
Tulipa saxatilis	E

Vankya ornithogali S

Gagea bohemica	W (43)
Gagea lutea	E, S

Wilsoniana amaranthi A

Amaranthus sp.	E
----------------	---

Wilsoniana bliti D

Amaranthus bouchonii	E
Amaranthus hybridus	E
Amaranthus retroflexus	E

Xenodochus carbonarius R

Sanguisorba officinalis	E, S, W (41-44, 47)
-------------------------	---------------------

Zaghouania phillyreae R

Phillyrea latifolia*	E
----------------------	---

References

- Aron, C. (2005). *Fungi of Northwest Wales*. C. Aron, Pentraeth.
- Begerow, D., McTaggart, A. & Agerer, R. (2018) *Syllabus of Plant Families (Adolf Engler's Syllabus der Pflanzenfamilien, 13th ed). Part 1/3 Basidiomycota and Entorrhizomycota*. Borntraeger Science Publishers. Stuttgart.
- Braun, U. (1995, 1998). *A Monograph of Cercospora, Ramularia and Allied Genera (Phytopathological Hyphomycetes) 1-2*. IHW-Verlag, München.
- Braun, U. & Cook, R.T.A. (2012). *Taxonomic Manual of the Erysiphales (Powdery Mildews)*. CBS Biodiversity Series 11. CBS, Utrecht.
- Chater, A.O., Woods, R.G., Stringer, R.N., Evans, D.A. & Smith, P.A. (2020). *Downy Mildews (Peronosporaceae) and White Blister-rusts (Albuginaceae) of Wales*. A.O. Chater, Aberystwyth.
- Chater, A.O., Woods, R.G., Stringer, R.N., Evans, D.A. & Smith, P.A. (2021). *White Moulds, Ramularia and Phacellium Anamorphs, in Wales and Britain: A Guide and Welsh Census Catalogue*. A.O. Chater, Aberystwyth.
- Cubey, J. (ed.) (2022). *RHS Plant Finder*. Royal Horticultural Society, London.
- Dandy, J.E. (1969). *Watsonian Vice-counties of Great Britain*. Ray Society, London.
- Ellis, M.B. & Ellis, J.P. (1997). *Microfungi on Land Plants. An Identification Handbook*. New enlarged edition. Richmond Publishing Co., Richmond, Surrey.
- Grove, W.B. (1913). *The British Rust Fungi (Uredinales)*. Cambridge University Press, Cambridge.
- Henderson, D.M. (2004). *The Rust Fungi of the British Isles. A Guide to Identification by their Host Plants*. British Mycological Society, Kew.
- Henderson, D.M. & Bennell, A.P. (1979). British Rust Fungi: Additions and Corrections. *Notes from the Royal Botanic Garden Edinburgh* **37** (3): 475-501.

- Ing, B. (2020). *The Fungi of North East Wales: A Mycota for Vice-counties 50 (Denbighshire) and 51 (Flintshire)*. University of Chester Press, Chester.
- Ing, B. (2020). *Biodiversity in the North West. The Mildews of Cheshire, Lancashire and Cumbria*. University of Chester Press, Chester.
- Ingram, D. & Robertson, N. (1999). *Plant Disease, a Natural History*. New Naturalist, HarperCollins, London.
- Jennings, D.M., Ford-Lloyd, B.V. & Butler, G.M. (1990). Morphological analysis of spores from different *Allium* rust populations. *Mycological Research* **94**: 83-93.
- Klenke, F. & Scholler, M. (2015). *Pflanzenparasitische Kleinpilze*. Springer Spectrum, Berlin.
- Kruse, J. (2019). *Faszinierende Pflanzenpilze. Erkennen und Bestimmen*. Quelle & Meyer, Wiebelsheim.
- McTaggart, A.R., Shivas, R.G., Doungsa-ard, C., Weese, T.L., Beasley, D. R., Hall, B.H., Metcalf, D.A. & Geering, A.D.W. (2016). Identification of rust fungi (Pucciniales) on species of *Allium* in Australia. *Australasian Plant Pathology* **45**: 581–592.
- Moore, W.C. (1959). *British Parasitic Fungi*. Cambridge University Press, Cambridge.
- Poland, J.P. & Clement, E.J. (2020). *The Vegetative Key to the British Flora*. 2nd ed. John Poland, Southampton.
- Redfern, M., Shirley, P. & Bloxam, M. (2023). *British Plant Galls*. 3rd ed.. Field Studies Council, Preston Montford.
- Roskam, J.C. (2019). *Plant Galls of Europe*. 3 vols. KNNV Publishing, Zeist.
- Stace, C. (2019). *New Flora of the British Isles*. 4th ed. C & M Floristics, Middlewood Green, Suffolk.
- Vánky, K. (1994). *European Smut Fungi*. Gustav Fischer Verlag, Stuttgart.
- Vánky, K. (2012). *Smut Fungi of the World*. American Phytopathological Society, St. Paul, Minnesota.

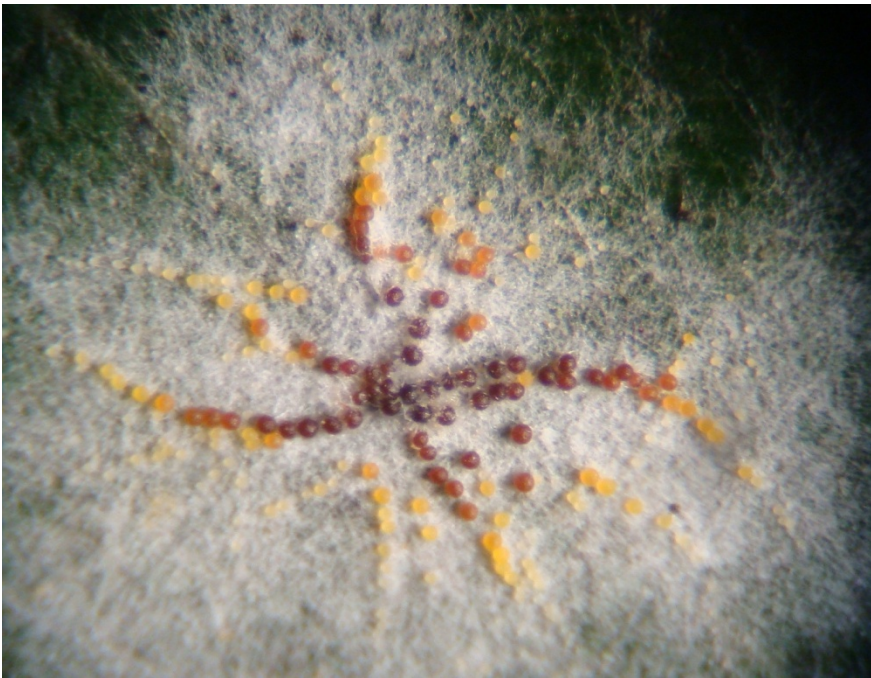
Watling, R. (2020). *Mycologia Scotica*. New and Revised Edition. <https://sites.google.com/view/mycologiascotica/mycologia-scotica-1>.

Wilson, M. & Henderson, D.M. (1966). *British Rust Fungi*. Cambridge University Press, Cambridge.

Woods, R.G., Chater, A.O., Evans, D.A., Smith, P.A. & Stringer, R.N. (2024). *The Powdery Mildews (Erysiphales) of Britain and Ireland – an Identification Guide and Census Catalogue for Wales*. A.O. Chater, Aberystwyth.

Woods, R.G., Chater, A.O., Smith, P.A., Stringer, R.N. & Evans, D.A. (2018). *Smut and allied Fungi of Wales. A Guide, Red Data List and Census Catalogue*. A.O. Chater, Aberystwyth.

Woods, R.G., Stringer, R.N., Evans, D.A. & Chater, A.O. (2015). *Rust Fungus Red Data List and Census Catalogue for Wales*. A.O. Chater, Aberystwyth.



Erysiphe adunca mycelium and chasmothecia.

Appendix 1

To stimulate study the following account provides an introduction to groups of plant-parasitic microfungi that are included in our ongoing current studies and for which records from Wales are particularly required.

Chytridiales

The Chytridiomycetes or Chytrids, in which Chytridiales is included, are the oldest known true fungi, and include a wide variety of life styles, including the familiar batrachian parasite *Batrachomyces*. Like other fungi, their cell walls are of chitin, but they are unique in having motile zoospores with a posterior flagellum. Resting spores are often produced. There is a general lack of records, especially from Wales, and there is a special need in this group to stimulate interest and more recording.

Cladochytrium and *Olpidium* are our only relevant genera. Most species are saprophytes. In our parasitic species globose to pyriform zoosporangia are formed in usually 1-septate swellings within the mycelium inside the host cells; zoospores are mostly globose, hyaline and smooth-walled; resting spores are formed by a few species. Those on genera of Poaceae Grasses cause swellings on the leaves, stems and especially roots, and are destructive of seedlings which become yellowish and necrotic. *Cladochytrium caespitis* is recorded on seedlings of *Agrostis* sp. a Bent from Yorkshire and on seedlings of an unspecified grass from Surrey, England, in 1956. Moore (1959) indicates that it is frequent on *Festuca* Fescues and *Agrostis* Bents causing failure on newly sown lawns, and is also on *Dactylis* Cock's-foot, *Alopecurus* Foxtails and *Elymus repens* Common Couch. *C. replicatum* also occurs on grasses as well as a number of aquatic plants including *Elodea* Waterweed spp. *C. tenue* occurs on *Nymphaea* spp., White Water-lilies.

The parasitic species of *Olpidium* cause swellings in the leaves or thickening of the roots of the host. The resting spores of some are characteristically somewhat hexagonal in outline. *Olpidium brassicae* occurs on Brassicaceae Cabbage family, causing Root-

burn Disease and on the Cucurbitaceae White Bryony family and others. It forms resting spores $9-25 \times 20\mu\text{m}$, colourless or pale yellow, thick-walled, more or less hexagonal-globose, but often some are $20-30 \times 12-15\mu\text{m}$ and ellipsoid, the zoosporangia are $40-55\mu\text{m}$ and globose, and the zoospores are $c.3\mu\text{m}$ and globose. It is also reported in roots of *Solanum lycopersicum* Tomato from Lancashire and Cheshire, England, and Glamorgan, Wales, in roots of *Cucumis sativus* Cucumber from Sussex, England and Glamorgan, Wales (as *O. majus*) and in roots of *Veronica beccabunga* Brooklime from Kent, England (as *O. radiale*).

Synchytriales

These are also Chytrids, within the Chytridiomycetes, and the British and Irish species of our only genus, *Synchytrium*, are parasites of flowering plants. They are often superficially reminiscent of Rusts, especially in the case of the commonest species, *S. taraxaci*, which forms masses of small yellowish or orange warts on Dandelion leaves. Their mobile zoospores enter the host cells and develop zoosporangia which give rise to sori in the wart-like galls, and the resting spores that are produced are large, usually irregularly thick-walled and thus somewhat angled in outline. *S. endobioticum* causes the once familiar Wart Disease of Potatoes, with large, dark, Cauliflower-like warts on the tubers, but this has now been largely controlled in Britain; there are only about a dozen records in the databases. *S. anemones* causes minute (up to 0.5mm) blackish warts on stems and leaves of *Anemone nemorosa* Wood Anemone, and *S. anomalum* causes equally minute warts on the leaves of *Ficaria verna* Lesser Celandine. *S. aureum* s.l. (incl. *S. erieum*) causes minute yellowish usually densely aggregated warts on a wide range of herbaceous hosts; the only reasonably frequent host in Wales is *Plantago lanceolata* Ribwort Plantain. The remaining species are similar, on single hosts, but *S. succisae* causes often much larger (1mm or more) orange or reddish warts on leaves and stems of *Succisa pratensis* Devil's-bit Scabious; on *Dipsacus fullonum* Wild Teasel this species is said to cause smaller warts. The only monograph, Karling (1964), is difficult to use.

Blastocladales

These are one further group of Chytrids, which differ from the Chytridiales in the ultrastructure of the similarly motile zoospores. *Physoderma* is our only genus; its species cause streaks, spots, swellings or sometimes warts on leaves, stems and sometimes roots and other parts of a wide range of flowering plant hosts, and tend to be rarely recorded or overlooked. Zoosporangia are rarely seen, but conspicuous overwintering resting spores are produced. Microscopically the shape of the resting spores is what makes the genus recognizable microscopically, being pale to dark brown, almost globose to oblong but always somewhat flattened on one side and often with an encircling ring of digitate haustoria. These generic microscopic characters combined with the extreme host-genus specificity of the species should allow for reasonably certain identifications. *Physoderma deformans* is unique in occurring in the tissues of *Anemone nemorosa* Wood Anemone plants that are grossly distorted by, it is believed, a virus infection, with huge flowers up to 8cm in diameter.

Physoderma agrostidis occurs on *Agrostis stolonifera* Creeping Bent in Britain, causing long pale yellowish streaks in the leaves that become purplish and reddish-brown and distort the tillers.

Physoderma alfalfae occurs on *Medicago* Medicks causing large, conspicuous warts on stock, stems, roots and leaves with resting sporangia 40-60µm, pale golden brown in colour. *Physoderma asphodeli* occur on *Asphodelus* White Asphodels and *Kniphofia* Red-hot-pokers, causing blackish-brown streaks up to 18cm on the leaves with resting sporangia 18-20 × 10-12µm. *Physoderma comari* occurs on *Comarum palustre* Marsh Cinquefoil, causing minute raised dark violet spots c.1mm on the leaves; resting sporangia 25-40µm.

Taphrinales

These fungi are Ascomycetes, in which the spores, usually eight, are formed within sac-like structures known as asci. Species of *Taphrina* (of which there is an excellent monograph by Mix (1949)) variously cause witches' brooms and often highly coloured

curlings, distortions and blisters on leaves or other organs of flowering plants and ferns, or sometimes less conspicuous spots, swellings or distortions normally caused by the other four genera. It must not be assumed that all witches' brooms, or indeed swellings and distortions of leaves, are caused by *Taphrina*, as many of them are caused by mites, bacteria, viruses or mechanical damage; fungal mycelium or asci have to be found to confirm the identification, and this can be difficult as asci may only be visible for part of the year, usually on somewhat distorted leaves.

There are two generations. In the parasitic, easily visible one, the asci discharge ascospores, usually in early summer, which give rise by budding (often within the ascus) to the saprophytic, yeast-like stage consisting of usually smaller blastospores. These also reproduce by budding, later generations often being as large as the original ascospores, and disperse to overwinter on the surfaces of the host and infect it the following spring, giving rise to a new generation of the parasitic stage and causing the various distortions and the production of new asci. The asci in *Taphrina* are oblong, mostly 8-spored, and protrude from the epidermis of the host in an often closely packed layer, usually causing a whitish bloom. Apart from ferns and *Potentilla* spp. Cinquefoils, all the British and Irish hosts are trees or shrubs. *T. betulina* and *T. carpini* cause witches' brooms on *Betula* Birches and *Carpinus* Hornbeams respectively, while *T. betulae* causes yellowish or reddish spots on the leaves of Birches. *T. deformans*, Peach Leaf Curl, causes often bright red curlings, distortions and significant economic damage to the larger-fruited *Prunus* species such as Peaches, Apricots, Nectarines and Almonds, while *T. wiesneri* causes similar distortions, and sometimes witches' brooms, on *P. avium* Wild Cherry and *P. cerasus* Dwarf Cherry. 'Pocket plums', swollen, elongated sterile fruits on the smaller-fruited *Prunus* spp., especially *P. spinosa* Blackthorn, are caused by *T. pruni*; on *P. padus* Bird Cherry they are caused by *T. padi*. *T. crataegi* causes yellowish or reddish swellings on the leaves of *Crataegus* spp. Hawthorns. *T. bullata* causes concave blisters on the leaves of various *Pyrus* spp. Pears. *T. populina* causes yellowish concave blisters on the leaves of *Populus* spp. Poplars. *T. johansonii* causes yellowish swollen carpels in the female catkins of *P.*

tremula Aspen, and *T. rhizophora* has a similar manifestation on *P. alba* White Poplar.

Of the three common species on *Alnus* spp. Alders, *T. alni* causes conspicuous often reddening tongue-like outgrowths from the female catkins, *T. tosquinetii* causes all or most of a leaf to become enlarged, buckled and incurved, while *T. sadebeckii* causes smaller, localized pale blisters on the leaves. *T. caerulescens* causes similar blisters on leaves of *Quercus rubra* Red Oak and less often on other introduced and native Oaks. *T. ulmi* on *Ulmus* spp. Elms, is similar, but, as with some of the other blister-causing species, it can be very difficult to confirm it by finding the asci. *T. potentillae* causes yellowish thickened spots on the stems and leaves of *Potentilla erecta* Tormentil and *P. sterilis* Barren Strawberry. *Taphrina* on ferns are especially difficult to confirm, but the pale swellings on the fronds that later darken are usually very distinctive.

In the other genera the asci are fused into a spore sac containing many small ellipsoid spores, distinguishing them from *Entyloma* (which of course does not have asci) and other unrelated fungi that can cause very similar-looking leaf spots. When they are present, the resting spores embedded in the host tissue are usually more than 40µm long in the Taphrinales, whereas in *Entyloma* they are generally smaller. *Buerenia inundata* causes very small brownish warts on leaves of *Helosciadium* spp. Marshworts. *Protomyces macrosporus* causes small yellowish or brownish swellings on the leaves of various Umbellifers, while *P. pachydermis* forms small purplish swellings on *Taraxacum* Dandelion leaves. *Protomycopsis* species cause small yellowish swellings on leaves of several Asteraceae genera. *Taphridium umbelliferarum* causes often extensive pale patches on the leaves of *Heracleum sphondylium* Hogweed and *Angelica sylvestris* Wild Angelica, with a dense layer of resting spores beneath the upper epidermis.

Cantharellales

These Basidiomycetes are somewhat like corticoid fungi. Most are saprophytes but some are parasites of a wide range of plants. Basidia form at the apex of hyphae and usually develop four

basidiospores externally at the apex of sterigmata. Only one genus concerns us, *Ceratobasidium*, which forms thin, web-like mats of hyphae. The basidia are 2-4-celled, globose to broadly clavate, with 2-4 sterigmata. The basidiospores are 1-celled, globose to elongated, smooth and colourless. Most species are saprotrophic, but the parasitic ones are on a wide range of plants and include those that cause economically significant diseases of cereals, rice and coffee. *Ceratobasidium anceps* is the only species that meets our criteria. It occurs on *Pteridium aquilinum* Bracken, causing necrotic, brownish patches on the fronds with a whitish web of hyphae on the lower surface from which the 2-4-celled basidia are formed. There are a few records from England, Scotland and Wales. Klenke & Scholler (2015) do not include it, but give *Herpobasidium filicinum* (qv) on *Pteridium*.

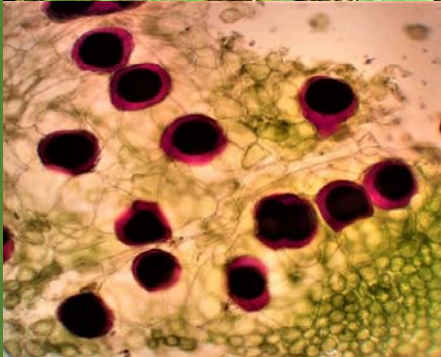
Platyglloeales

Also Basidiomycetes, but in this order the young basidium divides into four cells, each bearing a spore-producing sterigma, and again only one genus and a single species concern us. *Herpobasidium filicinum* occurs on a wide range of ferns, causing dark brown spots on the fronds and some distortion and fraying. The basidiocarps form a conspicuous whitish layer on the lower surface, the basidia are $12 \times 40\text{-}120\mu\text{m}$, narrowly clavate, usually bent near the base, usually 2-celled and the basidiospores are $15\text{-}22 \times 6\text{-}9 \mu\text{m}$, obovoid to fusiform. It has been recorded on *Dryopteris filix-mas* Male-fern from Hertfordshire and Devon in England, and from "Montgomery" in Wales (Moore 1959), as well as on *Phegopteris connectilis* Beech Fern from Scotland.



Rear Cover Images

Inside rear cover. If you take up an interest in the organisms covered in this hand list you stand a good chance of having the satisfaction of finding species new to Britain. In 2021 the Downy Mildew *Peronospora aquatica* was found in Cumbria yellowing the leaves of Pink Water-speedwell *Veronica catenata* (see above) whilst on Meadow Saxifrage *Saxifraga granulata* in Mid Wales two new species were found. On the outside rear cover the upper images show the White Mould *Ramularia saxifragae* causing the brown leaf patches whilst below the Wart Fungus *Synchytrium rubricinctum* has created tiny ruby-coloured warts in the leaves.



ISBN 978-0-9565750-6-7