

Cecidology 33.1 page 5: Plant Galls at Brocks Hill Country Park Oadby Leicestershire (Chris Leach)

List of Gall causing species found in Brocks Hill Park 2003-2017

# CECIDOLOGY

\* species cited in the text

Host	Host (common name)	Gall	Gall causer	Organism	Comment
<i>Acer campestre</i>	Maple (Field/hedge)	warty growth on twigs	<i>Aceria heteronyx</i>	a mite	
<i>Acer campestre</i>		small rounded pustules, usually red	<i>Aceria myriadeum</i>	a mite	
<i>Acer campestre</i>		rounded pustules usually 1-10 per leaf	<i>Aceria macrochela</i>	a mite	
<i>Acer campestre</i>		small pimple on leaves, depression below	<i>Acericecis campestris</i>	a mite	
<i>Acer campestre</i>		felt on underside of leaves	<i>Aceria eriobia</i>	a mite	
<i>Acer campestre</i>		wrinkled leaves with thick veins	<i>Dasineura irregularis</i>	a midge	
<i>Acer campestre</i>		pale blister in leaves	<i>Dasineura tympani</i> *	a midge	a new comer, first seen 2015
<i>Acer pseudoplatanus</i>	Sycamore	small rounded pustules, usually red	<i>Aceria cephalonea</i>	a mite	
<i>Acer pseudoplatanus</i>		felt on underside of leaves	<i>Aceria pseudoplatani</i>	a mite	
<i>Aesculus hippocastanum</i>	Horse-chestnut	tufts of hairs in angle of leaf veins	<i>Aculus hippocastani</i>	a mite	
<i>Alnus glutinosa</i>	Alder	felt with bulge above on leaves	<i>Acalitus brevitarsus</i>	a mite	
<i>Alnus glutinosa</i>		bulges in vein angles	<i>Aceria nalepai</i>	a mite	
<i>Alnus glutinosa</i>		small bulges scattered on leaves	<i>Eriophyes laevis</i>	a mite	
<i>Alnus glutinosa</i>		leaf margin rolled	<i>Dasineura tortilis</i>	a midge	
<i>Alnus glutinosa</i>		"tongues" emerging from female catkins	<i>Taphrina alni</i> *	a fungus	
<i>Alnus glutinosa</i>		incurved, much enlarged leaves, brittle	<i>Taphrina tosquinetii</i>	a fungus	
<i>Alnus glutinosa</i>		enlarged leaves, bright yellow	<i>Taphrina sadebeckii</i>	a fungus	
<i>Artemisia vulgaris</i>	Mugwort	terminal of shoots swollen	<i>Campiglossa misella</i> *	a fruit fly	host lost from the site(2008)
<i>Arctium minus</i>	Burdock (lesser)	swollen receptacle in flower heads	<i>Tephritis bardanae</i> *	a fruit fly	only near Visitors' Centre
<i>Arctium minus</i>		"seeds" swollen with a small entry hole	<i>Terellia tussilaginis</i> *	a fruit fly	
<i>Betula pendula</i>	Birch (Silver )	big bud	<i>Acalitis calycophthirus</i>	a mite	some birches are hybrids
<i>Betula pendula</i>		felts on the underside of leaves	<i>Acalitis rudis</i>	a mite	
<i>Betula pendula</i>		leaf bulges without hairs	<i>Eriophyes leionotus</i>	a mite	
<i>Betula pendula</i>		swollen fruits with pits	<i>Semudobia betulae</i> *	a midge	
<i>Betula pendula</i>		swollen base of scales (bracts)	<i>Semudobia skuhravae</i> *	a midge	
<i>Betula pendula</i>		swollen button-shaped fruits	<i>Semudobia tarda</i> *	a midge	
<i>Betula pendula</i>		Witches'broom	<i>Taphrina betulina</i>	a fungus	
<i>Capsella bursa-pastoris</i>	Shepherd's purse	distorted and swollen stems	<i>Albugo candida</i>	a fungus	

Host	Host (common name)	Gall	Gall causer	Organism	Comment
<i>Carpinus betulus</i>	Hornbeam	upward bulges in leaves in vein angles	<i>Aceria tenella</i>	a mite	
<i>Carpinus betulus</i>		Witches' broom	<i>Taphrina carpini</i>	a fungus	
<i>Centaurea nigra</i>	Knapweed (black)	swollen receptacle in flower heads	<i>Urophora jaceana*</i>	a fruit fly	
<i>Chamerion angustifolium</i>	Rose Bay Willow Herb	neat leaf fold	<i>Dasineura kiefferiana</i>	a midge	more common in Lucas Marsh
<i>Cirsium arvense</i>	Thistle (creeping)	Thistle gout or "gooseberry" gall	<i>Urophora cardui</i>	a fruit fly	numbers increased since 2-12
<i>Corylus avellana</i>	Hazel	big bud	<i>Phytoptus avellanae</i>	a mite	
<i>Corylus avellana</i>		distorted catkins	<i>Phyllocoptruta corylis</i>	a mite	
<i>Corylus avellana</i>		distorted catkins	<i>Contarinia coryli</i>	a midge	
<i>Crataegus monogyna</i>	Hawthorn	tight, yellow leaf roll	<i>Phyllocoptes goniiothorax</i>	a mite	
<i>Crataegus monogyna</i>		small, raised pocks on leaves	<i>Eriophyes crataegi*</i>	a mite	
<i>Crataegus monogyna</i>		Button-top gall	<i>Dasineura crataegi</i>	a midge	
<i>Crataegus monogyna</i>		swollen leaf blades and fruits	<i>Gymnosporangium clavariiforme</i>	a fungus	
<i>Crataegus monogyna</i>		yellow/red blistered leaves	<i>Taphrina crataegi</i>	a fungus	
<i>Fagus sylvatica</i>		felts on leaf veins or lamellae	<i>Aceria nervisequa</i>	a mite	
<i>Fagus sylvatica</i>		cylindrical, hairy leaf galls	<i>Hartigiola annulipes</i>	a midge	
<i>Fagus sylvatica</i>		tight leaf roll	<i>Acalitus stenaspis</i>	a mite	
<i>Fagus sylvatica</i>		"pleated" and stunted leaf blade	<i>Acalitus plicans</i>	a mite	
<i>Fagus sylvatica</i>		leaf blade with upward yellow/red bulges	<i>Phyllaphis fagi</i>	an aphid	
<i>Filipendula ulmaria</i>	Meadowsweet	smooth rounded swellings on leaves	<i>Dasineura ulmaria*</i>	a midge	now virtually absent
<i>Filipendula ulmaria</i>		small pustules in leaves	<i>Dasineura pustulans*</i>	a midge	is now virtually lost.
<i>Fraxinus excelsior</i>	Ash	leaf thickened and folded down, pod	<i>Dasineura acrophila</i>	a midge	
<i>Fraxinus excelsior</i>		leaf margins rolled	<i>Psyllopsis fraxini</i>	a psyllid	
<i>Fraxinus excelsior</i>		Cork-like distortion mainly in keys	<i>Aceria fraxinivora</i>	a mite	
<i>Fraxinus excelsior</i>		main leaf veins thickened into a pouch	<i>Dasineura fraxini*</i>	a midge	
<i>Fraxinus excelsior</i>		circular leaf blisters	<i>Dasineura fraxinea</i>	a midge	
<i>Galium aparine</i>	Cleavers (goosegrass)	inrolled thickened leaves	<i>Cecidophyes rouhollahi*</i>	a midge	
<i>Geum urbanum</i>	Herb Bennet (wood avens)	leaves blistered with hairs underneath	<i>Cecidophyes nudus*</i>	a midge	
<i>Glechoma hederacea</i>	Ground-ivy	Lighthouse gall	<i>Rondaniola bursaria</i>	a midge	
<i>Hedera helix</i>	Ivy	swollen flower bud	<i>Dasineura kiefferi*</i>	a midge	first found 2016
<i>Heracleum sphondylium</i>	Hogweed	leaves folded upwards	<i>Macrolabis heraclei</i>	a midge	
<i>Lamium album</i>	Dead nettle (white)	pea-like gall at shoot tip	<i>Dasineura lamiicola</i>	a midge	
<i>Malus sylvestris</i>	Apple (crab)	felt on leaves	<i>Phyllocoptes malinus</i>	a mite	
<i>Malus sylvestris</i>		leaves crumpled and twisted	<i>Dysaphis plantaginea</i>	an aphid	
<i>Papaver rhoeas</i>	Poppy	ovoid galls inside seed capsules	<i>Aylax minor</i>	a wasp	
<i>Populus nigra</i>	Poplar (Black)	thickened and spiralled leaf petioles	<i>Pemphigus spyrothecae</i>	an aphid	
<i>Populus tremula</i>	Aspen	tightly rolled leaf margin	<i>Aceria dispar</i>	a mite	

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<i>Populus tremula</i>		loose and hairy leaf roll	<i>Dasineura populeti</i>	a midge	
<i>Populus tremula</i>		white/red/brown felt on leaves	<i>Phyllocoptes populi</i>	a mite	
<i>Populus tremula</i>		leaf edge folded down to form a pouch	<i>Taphrina johansonii</i>	a fungus	
<i>Populus tremula</i>		globular galls	<i>Harmandiola tremulae</i>	a midge	
<i>Prunus padii</i>	Cherry (Bird)	white "blisters" along leaf central vein	<i>Phyllocoptes eupadii</i>	a mite	
<i>Prunus spinosa</i>	Blackthorn	leaf margins with white "blisters"	<i>Eriophyes similis</i>	a mite	
<i>Prunus spinosa</i>		Pocket plums	<i>Taphrina pruni</i>	a fungus	
<i>Quercus robur</i>	Oak (English)	Ram's horn gall	<i>Andricus aries</i> f. agamic*	a wasp	first British record 1997
<i>Quercus robur</i>		Stalked-spindle	<i>Andricus callidoma</i> f. agamic	a wasp	
<i>Quercus robur</i>		crown-like rounded bud galls	<i>Andricus corruptrix</i> f. agamic	a wasp	
<i>Quercus robur</i>		right angled twigs	<i>Andricus curvator</i> f. sexual	a wasp	
<i>Quercus robur</i>		curved distorted leaves/petioles	<i>Andricus curvator</i> f. sexual	a wasp	
<i>Quercus robur</i>		Artichoke gall	<i>Andricus foecundatrix</i> f. agamic	a wasp	
<i>Quercus robur</i>		small cone-like bumps erupting thro' bark	<i>Andricus gemmeus</i> f.agamic*	a wasp	first British record 2008
<i>Quercus robur</i>		Like a spiky Knopper gall	<i>Andricus grossulariae</i> f. agamic	a wasp	first British record 2000
<i>Quercus robur</i>		Globular gall	<i>Andricus inflator</i> f. Agamic*	a wasp	mass of these on one tree 2014
<i>Quercus robur</i>		Marble gall	<i>Andricus kollari</i> f. agamic	a wasp	Introduced into Britain 1833
<i>Quercus robur</i>		Cola-nut	<i>Andricus lignicolus</i> f. agamic	a wasp	First British record 1971
<i>Quercus robur</i>		Hedgehog gall	<i>Andricus lucidus</i> f. agamic*	a wasp	First modern British record 2000
<i>Quercus robur</i>		ridged egg-shaped on catkins	<i>Andricus quadrilineatus</i> f. agamic	a wasp	
<i>Quercus robur</i>		Knopper gall	<i>Andricus quercuscalicis</i> f. agamic	a wasp	first British record 1963
<i>Quercus robur</i>		in terminal twigs	<i>Andricus quercusradicis</i> f. sexual	a wasp	
<i>Quercus robur</i>		mini courgette-like bud gall	<i>Andricus paradoxus</i> f. agamic	a wasp	
<i>Quercus robur</i>		stalked club-shaped gall	<i>Andricus seminationis</i> f. agamic	a wasp	
<i>Quercus robur</i>		"barnacle gall"	<i>Andricus sieboldi</i> f. agamic*	a wasp	
<i>Quercus robur</i>		bud changed into a "Greek urn"	<i>Andricus solitarius</i> f. agamic	a wasp	
<i>Quercus robur</i>		Oak-apple	<i>Biorhiza pallida</i> f. sexual	a wasp	
<i>Quercus robur</i>		Pea gall thin walled	<i>Cynips agama</i> f.agamic*	a wasp	Not seen since 2010-12
<i>Quercus robur</i>		double chambered Pea gall	<i>Cynips disticha</i> f. agamic*	a wasp	Not seen since 2010-12
<i>Quercus robur</i>		Pea gall thick walled	<i>Cynips divisa</i> f.agamic*	a wasp	Not seen since 2010-12
<i>Quercus robur</i>		Striped pea gall	<i>Cynips longiventris</i> f. agamic*	a wasp	Not seen since 2010-12
<i>Quercus robur</i>		Cherry gall	<i>Cynips quercusfolii</i> f. agamic*	a wasp	Not seen since 2015
<i>Quercus robur</i>		Smooth spangle gall	<i>Neuroterus albipes</i> f. Agamic*	a wasp	
<i>Quercus robur</i>		Oyster gall	<i>Neuroterus anthracinus</i> f. agamic	a wasp	
<i>Quercus robur</i>		Silk button gall	<i>Neuroterus numismalis</i> f. agamic	a wasp	
<i>Quercus robur</i>		Blister-gall	<i>Neuroterus numismalis</i> f. sexual	a wasp	

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<i>Quercus robur</i>		Common spangle	<i>Neuroterus quercusbaccarum</i> f. agamic	a wasp	
<i>Quercus robur</i>		Currant gall	<i>Neuroterus quercusbaccarum</i> f. sexual	a wasp	
<i>Quercus robur</i>		small pit gall	<i>Asterodiaspis</i> sp.	a coccid	
<i>Quercus robur</i>		leaf lobes folded down	<i>Macrodiplosis pustularis</i>	a midge	
<i>Quercus robur</i>		leaf between lobes folded up	<i>Macrodiplosis roboris</i>	a midge	
<i>Quercus robur</i>		small "volcano" on upper leaf surface	<i>Trioza remota</i>	a psyllid	
<i>Ranunculus repens</i>	Buttercup (creeping)	distorted stems, black spore bodies	<i>Puccinia magnusiana</i>	a fungus	
<i>Rosa canina</i>	Rose (Dog or wild)	leaf rolled and twisted	<i>Blennocampa phyllocolpa</i>	a sawfly	
<i>Rosa canina</i>		pod-like leaf fold	<i>Dasineura rosae</i>	a midge	
<i>Rosa canina</i>		Rose bedeguar	<i>Diplolepis rosae</i>	a wasp	
<i>Rosa canina</i>		Smooth Pea gall	<i>Diplolepis eglanteriae</i>	a wasp	
<i>Rosa canina</i>		"Sputnik" gall	<i>Diplolepis nervosa</i>	a wasp	
<i>Rosa canina</i>		callus at stem nodes	<i>Agrobacterium tumefaciens</i>	a bacterium	
<i>Rubus fruticosus</i>	Bramble	distorted leaves with thickened veins	<i>Dasineura plicatrix</i>	a midge	
<i>Rumex obtusifolius</i>	Dock (broad leaf)	swelling on fruit	<i>Contarinia rumicis</i>	a midge	
<i>Salix alba</i>	Willow (white)	Bean gall	<i>Pontania proxima</i>	a sawfly	
<i>Salix cinerea</i>	Willow (Goat) /Sallow	globular leaf gall	<i>Eupontania pedunculi</i>	a sawfly	
<i>Salix cinerea</i>		regular shaped "Bean " gall	<i>Pontania bridgmanii</i>	a sawfly	
<i>Salix cinerea</i>		leaf veins swollen and hardened	<i>Iteomyia capreae</i>	a midge	
<i>Salix fragilis</i>	Willow (Crack)	"Bean" gall in leaves	<i>Pontania proxima</i>	a sawfly	
<i>Salix viminalis</i>		leaf edge rolled	<i>Dasineura marginemtorquens</i>	a midge	
<i>Sambucus nigra</i>	Elder	leaf roll	<i>Epitrimerus trilobus</i>	a mite	
<i>Senecio vulgaris</i>	Groundsel	stems/leaves swollen and distorted	<i>Puccinia lagenophorae</i>	a fungus	
<i>Sonchus arvensis</i>	Sow-thistle	circular pustules in leaves	<i>Cystiphora sonchi</i>	a midge	
<i>Sorbus aucuparia</i>	Mountain Ash	small pustules in leaves	<i>Eriophyes sorbi</i>	a mite	
<i>Taxus baccata</i>	Yew	big bud	<i>Cecidophyopsis psilaspis</i>	a mite	
<i>Taxus baccata</i>		"Artichoke" gall	<i>Taxomyia taxi</i>	a midge	
<i>Tilia platyphyllos</i>	Lime (large leaf)	hairs on thickened veins	<i>Eriophyes leiosoma</i>	a mite	
<i>Tilia platyphyllos</i>		small leaf roll	<i>Phytoptus tetratrichus</i>	a mite	
<i>Tilia platyphyllos</i>		raised bump with hairs below on leaves	<i>Eriophyes exilis</i>	a mite	
<i>Tilia platyphyllos</i>		Nail gall	<i>Eriophyes tiliae</i>	a mite	
<i>Trifolium repens</i>	Clover (white)	leaf folded to form a pod	<i>Dasineura trifolii</i>	a midge	
<i>Trifolium repens</i>		root nodules	<i>Rhizobium trifolii</i>	a bacterium	
<i>Ulmus glabra</i>	Wych Elm	large loose leaf roll	<i>Eriosoma ulmi</i>	an aphid	
<i>Ulmus glabra</i>		club-shaped, "Fig Gall"	<i>Tetraneura ulmi</i>	an aphid	
<i>Ulmus minor</i>	Elm (small leaf)	multiple small pimples on leaves	<i>Aceria campestricola</i>	a mite	

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<i>Ulmus minor</i>		leaf bladder	<i>Eriosoma lanuginosum</i>	an aphid	
<i>Ulmus minor</i>		globular swelling on leaves	<i>Kaltenbachiella pallida</i>	an aphid	
<i>Ulmus procera</i>	Elm (English)	multiple small pimples on leaves	<i>Aceria campestricola</i>	a mite	
<i>Ulmus procera</i>		leaf bladder	<i>Eriosoma lanuginosum</i>	an aphid	
<i>Urtica dioica</i>	Nettle (stinging)	small blisters on leaves, petioles	<i>Dasineura urticae</i>	a midge	
<i>Urtica dioica</i>		distorted stems, black spore bodies	<i>Puccinia urticata</i>	a fungus	
<i>Veronica chamaedrys</i>	Germander Speedwell	hairy pouch , like a big terminal bud	<i>Jaapiella veronicae</i>	a midge	

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List of Gall causing species found in Lucas Marsh 2003-2017

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<i>Chamerion angustifolium</i>	Rose Bay Willow Herb	leaf fold	<i>Dasineura kiefferiana</i>	a midge
<i>Cirsium arvense</i>	Creeping thistle	thistle gout	<i>Urophora cardui</i>	a fruit fly
<i>Corylus avellana</i>	Hazel	big bud	<i>Phytoptus avellanae</i>	a mite
<i>Corylus avellana</i>		distorted catkin	<i>Phyllocoptura coryli</i>	a mite
<i>Crataegus monogyna</i>	Hawthorn	small tight leaf roll	<i>Phyllocoptes goniothorax</i>	a mite
<i>Crataegus monogyna</i>		leaf pimples	<i>Eriophyes crataegi</i>	a mite
<i>Filipendula ulmaria</i>	Meadowsweet	small pustules on leaves	<i>Dasineura pustulans</i>	a midge
<i>Filipendula ulmaria</i>		smooth round swellings in leaves	<i>Dasineura ulmaria</i>	a midge
<i>Fraxinus excelsior</i>	Ash	corky growths on catkins	<i>Aceria fraxinivorus</i>	a mite
<i>Fraxinus excelsior</i>		circular leaf blisters	<i>Dasineura fraxinea</i>	a midge
<i>Fraxinus excelsior</i>		main leaf vein thickened, pouch	<i>Dasineura fraxini</i>	a midge
<i>Fraxinus excelsior</i>		leaf margin rolled	<i>Psylloopsis fraxini</i>	a psyllid
<i>Glechoma hederacea</i>	Ground-ivy	swollen stems, petioles, yellow	<i>Puccinia glechomatis</i>	a fungus
<i>Glechoma hederacea</i>		lighthouse galls	<i>Rondaniola bursaria</i>	a midge
<i>Geum urbanum</i>	Herb Bennet (wood avens)	blistered leaves	<i>Cecidophyes nudus</i>	a mite
<i>Hedera helix</i>	Ivy	swollen flower buds	<i>Dasineura kiefferi</i>	a midge
<i>Phragmites australis</i>	Reed	"cigar" gall in stems	<i>Lipara lucens</i>	a fly
<i>Phragmites australis</i>		twisted folded leaves	<i>Steneotarsonemus phragmitidis</i>	a mite
<i>Prunus spinosa</i>	Blackthorn	small white blisters on leaf edge	<i>Eriophyes similis</i>	a mite
<i>Prunus spinosa</i>		pocket plums	<i>Taphrina pruni</i>	a fungus
<i>Rosa canina</i>	Dog rose	Robin's pinchusion	<i>Diplolepis rosae</i>	a wasp
<i>Rosa canina</i>		leaf roll and twisted	<i>Blennocampa phyllocolpa</i>	a sawfly
<i>Rosa canina</i>		pod-like leaf	<i>Dasineura rosae</i>	a midge
<i>Rubus fruticosus</i>	Bramble	twisted leaves with swollen veins	<i>Dasineura plicatrix</i>	a midge
<i>Salix alba</i>	Willow, white	bean gall	<i>Pontania proxima</i>	a sawfly
<i>Salix alba</i>		rolled leaf margin	<i>Dasineura marginemtorquens</i>	a midge
<i>Salix caprea</i>	Willow, goat (sallow)	veins swollen and hardened	<i>Iteomyia capreae</i>	a midge
<i>Sambucus nigra</i>	Elder	leaf roll	<i>Epitrimerus trilobus</i>	a mite
<i>Ulmus minor</i>	Elm, small leaf	multiple small pimples	<i>Aceria campestricola</i>	a mite
<i>Urtica dioica</i>	Nettle	white swellings usually at leaf base	<i>Dasineura urticae</i>	a midge

