

This year has been very productive with a total of 482 Plant Gall records being received – 40 percent more than last year. This figure included 18 species ● not previously recorded in the County.

Although the number of contributors remained more or less the same the number of sites monitored increased from 23 in 2016 to 35, and this may have contributed to the increase in the number of species found this year.

On August Bank Holiday Sunday we hosted a joint meeting with the *British Plant Gall Society* at Clipsham. They commented on the friendly reception given to them by RNHS members. As always we are grateful to these BPGS members for their expertise.

BACTERIA**Rhizobiales**

Agrobacterium tumefaciens on Field maple, *Acer campestre* PC

CHROMISTA**Albuginales**

Albugo candida on Shepherd's purse, *Capsella bursa-pastoris* ML

Pustula tragopogonis, on Goatsbeard, *Tragopogon pratensis* ML

FUNGI**Ascomycota****Erysiphales: Powdery Mildews**

Podosphaera filipendulae on Meadowsweet, *Filipendula ulmaria* CPW, PC, PGW

Hypocreales

Epichl e festucae Choke on Fescue, *Festuca sp.* KQ

Taphrinales

Protomyces macrosporus on Cow parsley, *Anthriscus sylvestris* HM, V5

P. macrosporus on Ground elder, *Aegopodium podagraria* Braun,Ext,HM

P. pachydermus ● on Dandelion, *Taraxacum officinale* agg. Ext

Taphrini alni on Alder, *Alnus glutinosa* BarnsW

Basidiomycota**Entylomatales**

Entyloma microsporum on Creeping buttercup, *Ranunculus repens* HambW, RWLr, Sk

Microbotryales: Smut-like Fungi

Microbotryum lichnidis-dioicae on Red campion, *Silene dioica* Gorse, RWLr

M. lichnidis-dioicae on White campion, *S. latifolia* KQ

M. stellariae on Lesser stitchwort, *Stellaria graminea* RWLr

Pucciniales: Rusts

Gymnosporangium clavariiforme on Common hawthorn, *Crataegus monogyna* RWlag2

Kuehneola uredinis on Bramble, *Rubus fruticosus* agg BarnsW, BarnsLW, BW, CPW, HambW, PC, StretW

Melampsora caprearum on Goat willow, *Salix caprea* CPW, HambW, PC, PGW, QF, RWlag2, Sk, SM, StretW

<i>M. euphorbiae</i> on Sun spurge, <i>Euphorbia helioscopa</i>	ML
<i>M. euphorbiae</i> on Petty spurge, <i>E. peplus</i>	Ext
<i>M. populnea</i> on Dog's mercury, <i>Mercurialis perennis</i>	BLW, BW, CPW, HambW, PC
<i>Phragmidium bulbosum</i> on Bramble	BOQ, HambW, KQ, RWlag2, RWLr, Sk
<i>P. mucronatum</i> on Dog rose, <i>Rosa canina</i>	BarnsLW, Cottes, HambW, KQ, PC, Pick, QF, RWeg, RWlag2, RWLr, StretW
<i>P. sanguisorbae</i> ● on Salad burnet, <i>Poterium sanguisorba</i>	BOQ
<i>P. violaceum</i> on Bramble	BarnsW, BOQ, Clips, CPW, Ext, GHW, HambW, HM, KQ, PC, RWlag2, RWLr, Sk, StretW
<i>Puccinia aegopodii</i> ● on Ground elder	HM
<i>P. betonicae</i> on Betony, <i>Stachys officinalis</i>	Clips
<i>P. calcitrapae</i> on Common knapweed, <i>Centaurea nigra</i> agg.	BOQ, GHW, HM, ML, RWlag2
<i>P. circaeae</i> on Enchanter's nightshade, <i>Circaea lutetiana</i>	PC, PGW, RWeg
<i>P. cnici-oleracei</i> on Marsh thistle, <i>Cirsium palustre</i>	PC
<i>P. coronata</i> on Purging buckthorn, <i>Rhamnus cathartica</i>	BOQ, RWlag2
<i>P. distincta</i> ● on Daisy, <i>Bellis perennis</i>	Brk, Cottes, QF
<i>P. glechomatis</i> on Ground ivy, <i>Glechoma hederacea</i>	BarnsW, Cottes, HambW, HM, Kett, KQ, PC, RWlag2, RWLr, Sk
<i>P. hieracii</i> on Dandelion	GHW, HambW, ML
<i>P. lagenophorae</i> on Groundsel, <i>Senecio vulgaris</i>	BarnsW, Brk, Cottes, ML, RWeg, V9
<i>P. lapsanae</i> on Nipplewort, <i>Lapsana communis</i>	CPW, HM, PC
<i>P. malvacearum</i> on Musk mallow, <i>Malva moschata</i>	HambW
<i>P. menthae</i> on Water mint, <i>Mentha aquatica</i>	RWlag2
<i>P. menthae</i> on Marjoram, <i>Origanum vulgare</i>	BOQ, KQ
<i>P. pulverulenta</i> on Great willowherb, <i>Epilobium hirsutum</i>	BarnsW
<i>P. punctiformis</i> on Creeping thistle, <i>Cirsium arvense</i>	BLW, RWLr
<i>P. violae</i> on Sweet violet, <i>Viola odorata</i>	BOQ, Cottes, KQ
<i>Triphragmium ulmariae</i> on Meadowsweet	BW, CPW, PC
<i>Uromyces ficariae</i> on Lesser celandine, <i>Ficaria verna</i>	PC
<i>U. geranii</i> on Meadow cranesbill, <i>Geranium pratense</i>	HM, RWlag2, V7
<i>U. muscari</i> on Bluebell, <i>Hyacinthoides non-scripta</i>	BarnsLW
<i>U. trifolii</i> ● on White clover, <i>Trifolium repens</i>	HM, StretW

FLOWERING PLANT

Viscaceae

<i>Viscum album</i> , Mistletoe on Cultivated apple, <i>Malus domestica</i>	Kett
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ARTHROPODS

Acari

Eriophyoidea: Gall Mites

<i>Acalitus brevitarsus</i> on Alder	BarnsW, RWlag2, RWLr
<i>A. rudis</i> on Birch, <i>Betula pendula</i>	BarnsW, PGW
<i>Acaricalus cristatus</i> ● on Pedunculate oak, <i>Quercus robur</i>	PGW
<i>Aceria campestricola</i> on Elm, <i>Ulmus</i> sp	BarnsW, GHW, KQ

<i>A. cephalonea</i> on Sycamore, <i>Acer pseudoplatanus</i>	BarnsW, CPW, ML, Pick
<i>A. erinea</i> on Walnut, <i>Juglans regia</i>	Pick
<i>A. eriobia</i> on Field maple	Clips, CPW, RWeg, PC
<i>A. fraxinicola</i> on Ash, <i>Fraxinus excelsior</i>	Pick
<i>A. fraxinivora</i> on Ash	CPW, RWlag2, Sk, StretW
<i>A. labiatiflorae</i> on Marjoram	BOQ
<i>A. macrochela</i> on Field Maple	BarnsLW, CPW, HambW, PC, PGW, RWeg, RWlag2, RWLr, Sk, StretW, TunnW
<i>A. mentharia</i> ● on Water mint	RWlag2
<i>A. myriadeum</i> on Field Maple	BarnsLW, CPW, GHW, HambW, PC, Pick, RWLr, StretW
<i>A. nalepai</i> on Alder	RWeg
<i>A. nervisequa</i> on Beech, <i>Fagus sylvatica</i>	Kett, K Q, T unnW
<i>A. pseudoplatani</i> on Sycamore	BarnsW, BOQ, CPW, Kett, Pick
<i>Cecidophyes nudus</i> on Wood avens, <i>Geum urbanum</i>	HambW, KQ
<i>C. rouhollahi</i> on Cleavers, <i>Galium aparine</i>	Ext, Kett
<i>Cecidophyopsis psilaspis</i> on Yew, <i>Taxus baccata</i>	Clips
<i>Epitremerus trilobus</i> on Elder, <i>Sambucus nigra</i>	BOQ, V9
<i>Eriophyes crataegi</i> on Common hawthorn	KQ, V5
<i>E. laevis</i> on Alder	RWeg, RWlag2
<i>E. lateannulatus</i> on Small leaved lime, <i>Tilia cordata</i>	Kett
<i>E. leiosoma</i> on Small leaved lime	Kett, Pick
<i>E. similis</i> on Sloe, <i>Prunus spinosa</i>	BOQ, CPW, HambW, HM, ML, MM, PC, PGW, RWeg, RWlag2, RWLr, StretW
<i>Phyllocoptes goniothorax</i> on Common hawthorn	BOQ, CPW, KQ, MM, Pick, RWeg, RWlag2, V5
<i>P. malinus</i> on Cultivated apple, <i>Malvus domestica</i>	Kett, KQ, HambW, V9
<i>P. populi</i> on Aspen, <i>Populus tremula</i>	RWeg
<i>Phyllocoptruta coryli</i> on Hazel, <i>Corylus avellana</i>	PC
<i>Phytoptus avellanae</i> on Hazel	CPW, HambW, Sk
<i>Stenacis euonymi</i> on Spindle, <i>Euonymus europaeus</i>	BOQ, Kett

INSECTS

Hemiptera

Psylloidea: Psyllids

<i>Psyllopsis fraxini</i> on Ash	BOQ, Cottes, CPW, GHW, HambW, Kett, KQ, ML, PC, Pick, QF, RWeg, RWLr, StretW
<i>Spanioneura buxi</i> on Box, <i>Buxus sempervirens</i>	Cottes, Kett
<i>Tricochermes walkeri</i> on Purging buckthorn	BOQ, CPW
<i>Trioza apicalis</i> on Angelica, <i>Angelica sylvestris</i>	CPW
<i>T. remota</i> on Pedunculate oak, <i>Quercus robur</i>	CPW

Sternorrhyncha

Aphids

<i>Disaphis crataegi</i> group on Common hawthorn	MM
<i>Eriosoma ulmi</i> on Wych elm, <i>Ulmus glabra</i>	PC
<i>Tetraneura ulmi</i> , fig gall ● on Wych elm	CPW

Coccoidea: Scale Insects

Asterodiaspis sp. on Pedunculate oak

CPW

Diptera

Anthomyiidae

Chirosia betuleti on Broad buckler fern, *Dryopteris dilatata*

KQ, Ggorse

C. betuleti on Male fern, *D. filix-mas*

HambW, PC

C. grossicauda on Bracken, *Pteridium aquilinum*

BarnsLW, CPW, HambW, PGW

Cecidomyiidae: Gall Midges

Contarinia coryli on Hazel

PC

Cystiphora sonchi on Corn sow-thistle, *Sonchus arvensis*

ML

Dasineura acrophila on Ash

RWLr

on Goat Willow

CPW, RWLr

D. crataegi, button top gall on Common hawthorn

BOQ, KQ, Pick, RWLr

D. fraxini on Ash

Kett, PC, Pick, RWLr

D. kiefferiana on Rosebay, *Chamerion angustifolium*

BOQ, PC

D. odoratae ● on Sweet Violet

Cottes

D. plicatrix on Bramble

CPW, Ggorse

D. pteridis ● on Bracken

CPW

D. pustulans on Meadowsweet

CPW, PC, PGW, RWLr, SM, StretW

D. rosae on Dog rose

BarnsLW, CPW, KQ, QF, RWLr, V5

D. trifolii on White clover

CPW, GHW, PC, Pick

D. ulmaria on Meadowsweet

BarnsW, CPW, PC, PGW, RWLr, StretW

D. urticae on Stinging nettle, *Urtica dioica*

BarnsW, BOQ, CPW, Ext, GHW, HambW, HM, Kett, ML, PC, PGW, Pick, RWlag2, RWLr, Sk, V5

Harmandiola globuli ● on Aspen

PGW

Hartigiola annulipes on Beech

BarnsW, TunnW

Iteomyia caprae on Goat willow

KQ, PC, PGW, RWLr, RWlag2

I. major on Willow sp. *Salix* sp

Clips, CPW, KQ, RWLr

Jaapiella veronicae on Germander speedwell, *Veronica chamaedrys*

BOQ, Cottes, CPW, HambW, HM, KQ, StretW

Kiefferiana pericarpicola on Wild carrot, *Daucus carota*

QF

Macrodiplosis pustularis on Pedunculate oak

CPW, HambW, PGW, RWeg, RWLr, StretW, TunnW

Polystepha malpighii ● on Pedunculate oak

PGW

Rabdophaga rosaria on Goat willow

CPW, GHW, PC, StretW

Rondaniola bursaria, Lighthouse gall, on Ground ivy

HM

Semudobia betulae on Birch

CPW

S. skuhravae ● on Birch

CPW

S. tarda on Birch

CPW

Taxomyia taxi on Yew

Clips, Cottes

Wachtliella persicariae on Redleg, *Persicaria maculosa*

RWlag2

Diptera

Tephritidae : Gall Flies

Urophora cardui on Creeping thistle

BOQ, CPW, GHW, Kett, PC, QF, RWLr, Sk, StretW, Tin, V5

U. jaceana on Common Knapweed

KQ, RWIag2

U.s tylata on Creeping thistle

RWLR

Hymenoptera

Tenthredinidae : Sawflies

Blennocampa phyllocolpa on Dog rose

CPW, PC, RWIag2

Eupontania pedunculi on Goat willow

CPW, QF, StretW

Micronematus monogyniae ● on Sloe

Clips

Pontania proxima on Goat willow

RWIag2, RWLR

P. triandrae on Almond willow, *Salix triandra*

RWIag2

Hymenoptera

Cynipidae : Gall Wasps

On Pedunculate oak except where stated and forma agamic where not f. sexual

Andricus aries

CPW, RWeg, RWLR, Sk, TunnW

A. curvator f.sexual

Sk

A. foecunatrix, Artichoke, hop gall

CPW, GHW, RWLR

A. grossulariae

RWLR

A. kollari Marble gall

GHW, KQ, PC, RWeg, RWIag2, RWLR, Sk, StretW, TunnW

A. lignicolus Cola nut gall

CPW, GHW, HambW, RWIag2, Sk, TunnW

A. quercuscalicis Knopper gall

CPW, HambW, KQ, PC, RWIag2, RWLR, StretW

A. quercusradicis ●

Clips

A. solitarius

CPW, KQ

Biorhiza pallida f.sexual, Oak Apple

CPW, PGW, RWIag2, RWvc, CPW

Cynips agama ●

CPW

C. divisa, Pea gall

GHW, HambW, PC, RWLR, TunnW

Diplolepis nervosa Pea/sputnik gall on Dog rose

BOQ, CPW, ML, Pick, RWLR, StretW

D. rosae Robin's pincushion on Dog rose

BOQ, CPW, HM, KQ, ML, Pick, QF, RWeg, RWIag2, RWLR, V5

Neuroterus albipes Smooth spangle gall

CPW, KQ, Sk

N. anthracinus Oyster gall

BarnsW, CPW, GHW, HambW, KQ, PC, RWeg, RWIag2, Sk, StretW, TunnW

N. numismalis Silk button gall

CPW, Ext, GHW, HambW, KQ, PC, RWeg, RWIag2, RWLR, Sk, StretW

N. quercusbaccarum Common spangle gall

CPW, GHW, HambW, KQ, PC, Pick, RWeg, RWIag2, RWLR, Sk, StretW, TunnW

N. quercusbaccarum f.sexual, Currant gall

PC

N. tricolor ●

Clips

Phanacis hypochoeridis ● on Common cat's ear, *Hypochaeris radicata*

RhyllH, SM

Records were received from

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