

Gall-causers recorded in the Cambridge University Botanic Gardens

- Acalitus brevitarsus.** U. Eriophyid mite. 2020. Alder *Alnus glutinosa*.
- Acalitus calycophthirus.** U. Eriophyid mite. 2019/20. Iberian White Birch *Betula celtiberica*.
- Acalitus stenaspis.** U. Eriophyid mite. 2020. Beech *Fagus sylvatica*.
- Aceria campestricola.** U. Eriophyid mite. 2019. English Elm *Ulmus procera*.
- Aceria cephalonea.** U. Eriophyid mite. 2018/19/20. Sycamore *Acer pseudoplatanus*.
- Aceria cerrea.** V. Eriophyid mite. 2020. *Quercus castaneifolia* × *Q. macranthera*, Chinese Cork Oak *Q. variabilis*. Probably new hosts of this gall-causer for Britain (usually on Turkey Oak *Q. cerris*). Known in VC29 since 2018 (Tommy Root, pers. comm.); probably spreading in Britain.
- Aceria erineae.** (V). Eriophyid mite. 1969(SAM)/2018/20. Walnut *Juglans regia*. Stanley Arthur Manning recorded '*Eriophyes tristriatus typicus*' on Walnut in 1969, which is synonymous with *Aceria tristriata*. However, he described the galls as "Blisters' on leaves', which is much more a description of *Aceria erineae*; Manning would have presumably known this species as *Eriophyes tristriatus erineus*. On balance, I suspect that Manning made a typo and meant to record *E. tristriatus erineus*. This is much the commoner species in Britain on Walnut and is more likely to have been present than *Aceria tristriata*; in fact, Manning includes no Cambridgeshire records of *E. tristriatus erineus* under the entry for Walnut in his *Nature in Cambridgeshire* paper but several records of *E. tristriatus typicus* (Manning, 1970), which further suggests a typo.
- Aceria fraxinivora.** U. Eriophyid mite. 2018/20. Manna Ash *Fraxinus ornus*.
- Aceria ilicis.** U. Eriophyid mite. 2020. Holm Oak *Quercus ilex*.
- Aceria macrochela.** U. Eriophyid mite. 2018/20. Field Maple *Acer campestre*.
- Aceria myriadeum.** U. Eriophyid mite. 2020. Sycamore *Acer pseudoplatanus*.
- Aceria nalepai.** (V). Eriophyid mite. 1969(SAM)/2018/20. Alder *Alnus glutinosa*. Recorded by Stanley Arthur Manning in 1969 as '*Eriophyes axillare*', which presumably refers to *A. nalepai*.
- Aceria nervisequa.** U. Eriophyid mite. 2018/20. Beech *Fagus sylvatica*.
- Aceria tenella.** U. Eriophyid mite. 2018/20. Hornbeam *Carpinus betulus*.
- Aceria tristriata.** V. Eriophyid mite. 2018/20. Walnut *Juglans regia*. 'Local' in Britain (Redfern & Shirley, 2011).
- Aculus tetanothrix.** U. Eriophyid mite. 2018. White Willow *Salix alba* 'Vitellina'.
- Adaina microdactyla** Hemp Agrimony Plume. U. Micro-moth. 2020. Hemp-agrimony *Eupatorium cannabinum*.
- Albugo candida** White Blister. U. Oomycete. 2020(CDP). Basket-of-Gold *Aurinia saxatilis* (noted on this host as *A. candida* s.l.), Shepherd's-purse *Capsella bursa-pastoris*.
- Andricus curvator** ♀♂ Curved-leaf Gall Wasp. V. Cynipid wasp. 2019/20. Pedunculate Oak *Quercus robur*, Lebanon Oak *Q. libani*.
- Andricus lignicolus** ♀♀ Cola-nut Gall Wasp. U. Cynipid wasp. 2019. Portuguese Oak *Quercus faginea*.
- Biorhiza pallida** ♀♂ Oak Apple Gall Wasp. U. Cynipid wasp. 2019. Pedunculate Oak *Quercus robur*.
- Blennocampa phyllocolpa.** U. Sawfly. 2020. Rose *Rosa* sp.
- Cecidophyes rouhollahi.** U. Mite. 2020. Cleavers *Galium aparine*.
- Ceutorhynchus assimilis** Cabbage Gall Weevil. V. Weevil. 2010(U). Host unknown.
- Contarinia solani.** U. Cecidomyiid midge. 2020. Woody Nightshade *Solanum dulcamara*. Rarely recorded in Britain. Apparently new to VC29.
- Contarinia tiliarum.** ?. Cecidomyiid midge. 1969(SAM). Lime *Tilia* sp.
- Cryptomyzus ribis.** U. Aphid. 2018/20. Currant *Ribes* sp.
- Dasineura fraxini.** ?. Cecidomyiid midge. 1969(SAM). Ash *Fraxinus excelsior*.
- Dasineura plicatrix.** U. Cecidomyiid midge. 2020. Bramble *Rubus fruticosus* agg.
- Dasineura rosae.** U. Cecidomyiid midge. 2020. Rose *Rosa* sp.

Didymomyia tiliacea. U. Cecidomyiid midge. 2020. Silver Lime *Tilia tomentosa*.

Diplolepis nervosa Rose Pea Gall Wasp. U. Cynipid wasp. 2020. Rose *Rosa* sp.

Diplolepis rosae Robin's Pincushion Gall Wasp. U. Cynipid wasp. 2020. Rose *Rosa* sp.

Eriophyes exilis. U. Eriophyid mite. 2018. Large-leaved Lime *Tilia platyphyllos* ssp. *platyphyllos*.

Eriophyes lateannulatus. U. Eriophyid mite. 2018/20. Small-leaved Lime *Tilia cordata*.

Eriophyes leiosoma. (V). Eriophyid mite. 1969(SAM)/2018/20. Small-leaved Lime *Tilia cordata*, Silver Lime *T. tomentosa*.

Eriophyes tiliae. U. Eriophyid mite. 2019. Large-leaved Lime *Tilia platyphyllos*, Silver Lime *T. tomentosa*.

Eriophyes torminalis. U. Eriophyid mite. 2020. Wild Service-tree *Sorbus torminalis*.

Eriosoma ulmi. ?. Aphid. 1969(SAM). Elm *Ulmus* sp.

Euura proxima. U. Sawfly. 2020. Crack Willow *Salix* × *fragilis*.

Gymnosporangium sabiniae European Pear Rust. (V). Rust fungus. 2018(CDP/SB)/20. European Pear *Pyrus communis*, Plymouth Pear *P. cordata*, Asian Pear *P. pyrifolia*.

Hartigiola annulipes. U. Cecidomyiid midge. 2020. Beech *Fagus sylvatica*.

Jaapiella volvens. U. Cecidomyiid midge. 2020. Meadow Vetchling *Lathyrus pratensis*. Rarely recorded in Britain. Apparently new to VC29.

Melampsora euphorbiae Spurge Rust. U. Rust fungus. 2017(CDP)/20(CDP). Mediterranean Spurge *Euphorbia characias* ssp. *wulfenii*, Sun Spurge *E. helioscopia*, Petty Spurge *E. peplus*, Upright Spurge *E. serrulata*, *Euphorbia* shrub sp.

Melampsora populnea Dog's Mercury Rust. U. Rust fungus. 2018(CDP)/20(CDP). Dog's Mercury *Mercurialis perennis*, Aspen *Populus tremula* (NG).

Neuroterus numismalis ♀♀ Silk Button Gall Wasp. U. Cynipid wasp. 2020. Pedunculate Oak *Quercus robur*.

Neuroterus numismalis ♀♂ Blister-gall Wasp. U. Cynipid wasp. 2018/20. Sessile Oak *Quercus petraea*, Pedunculate Oak *Q. robur*.

Neuroterus quercusbaccarum ♀♀ Common Spangle Gall Wasp. U. Cynipid wasp. 2018/20. Pedunculate Oak *Quercus robur*.

Neuroterus quercusbaccarum ♀♂ Currant Gall Wasp. U. Cynipid wasp. 2019. Portuguese Oak *Quercus faginea*.

Pemphigus bursarius. (V). Aphid. 1969(SAM)/2019. Black Poplar *Populus nigra* ssp. *betulifolia*.

Pemphigus gairi. U. Aphid. 2019/20?. Black Poplar *Populus nigra* ssp. *betulifolia*. First record in BPGS and CPERC databases; perhaps new to VC29.

Pemphigus populinigrae. (V). Aphid. 1969(SAM)/2018/20?. Black Poplar *Populus nigra* ssp. *betulifolia*.

Pemphigus spyrothecae. U. Aphid. 2018/19/20. Black Poplar *Populus nigra* 'Gigantea', Black Poplar *P. nigra* ssp. *betulifolia*.

Phragmidium bulbosum Papillose Bramble Rust. U. Rust fungus. 2018(CDP)/20(CDP). Bramble *Rubus* sp.

Phragmidium sanguisorbae Salad Burnet Rust. (V). Rust fungus. 2018(CDP)/20(CDP/SB). Salad Burnet *Poterium sanguisorba* ssp. *sanguisorba*.

Phragmidium violaceum Violet Bramble Rust. U. Rust fungus. 2020(CDP). Bramble *Rubus* sp.

***Phyllocolpa* sp.** U. Sawfly. 2020. Grey Willow *Salix cinerea* ssp. *cinerea*.

Phyllocoptes goniorthorax. U. Eriophyid mite. 2020. Hawthorn *Crataegus monogyna*.

Phyllocoptes malinus. U. Eriophyid mite. 2020. Apple *Malus* sp.

Phyllocoptes populi. U. Eriophyid mite. 2018/20. Aspen *Populus tremula*.

Phytoptus avellanae. U. Eriophyid mite. 2019. Hazel *Corylus avellana*.

Phytoptus erinotes. U. Eriophyid mite. 2018/20. Silver Lime *Tilia tomentosa*.

Podosphaera epilobii. U. Powdery mildew. 2020. Great Willowherb *Epilobium hirsutum*.

Protomyces macrosporus. U. Fungus. 2018(CDP)/19(CDP). Ground Elder *Aegopodium podagraria*.

Pseudoneuroterus saliens ♀♀. V. Cynipid wasp. 2019/20. Spanish Oak *Quercus × hispanica*. Has spread through southern England since its discovery in Surrey in 2006.

Psylla buxi Box Sucker. U. Psyllid. 2018*/19/20. Box *Buxus sempervirens*.

Psyllopsis fraxini/discrepans. U. Psyllid. 2018. Ash *Fraxinus excelsior*.

Puccinia calcitrapae Thistle Rust. V. Rust fungus. 2020(CDP). Welled Thistle *Carduus crispus*, Common Knapweed *Centaurea nigra*.

Puccinia chaerophylli Chervil Rust. U. Rust fungus. 2020(CDP). Sweet Cicely *Myrrhis odorata*. The only known population of this rust species in Cambridgeshire (Chris Preston, pers. comm.).

Puccinia convolvuli Bindweed Rust. U. Rust fungus. 2020(CDP). Bindweed *Calystegia* sp. Very few records in Britain, although found at numerous wetland sites in Cambridgeshire and possibly spreading. See Preston (2020) for details.

Puccinia lagenophorae Daisy Rust. (V). Rust fungus. 2017(CDP)/18(CDP)/20(CDP/SB). Daisy *Bellis perennis*, Groundsel *Senecio vulgaris* ssp. *vulgaris* var. *vulgaris*.

Puccinia lapsanae Nipplewort Rust. U. Rust fungus. 2017(CDP). Nipplewort *Lapsana communis* ssp. *communis*. *L. communis* ssp. *intermedia* is grown deliberately in the garden but no microfungi have yet been found on it (Chris Preston, pers. comm.).

Puccinia malvacearum Mallow Rust. (V). Rust fungus. 2017(CDP)/18(CDP)/20(CDP/SB). Hollyhock *Alcea rosea* 'Nigra', Marsh-mallow *Althaea officinalis*, Common Mallow *Malva sylvestris*, *Modiola caroliniana*.

Puccinia menthae Mint Rust. U. Rust fungus. 2020(CDP). Marjoram *Origanum vulgare*.

Puccinia punctiformis Creeping Thistle Rust. U. Rust fungus. 2018(CDP). Creeping Thistle *Cirsium arvense*.

Puccinia urticata Nettle Clustercup Rust. U. Rust fungus. 2018(CDP). Common Nettle *Urtica dioica*.

Semudobia betulae. U. Cecidomyiid midge. 2020. Birch *Betula* sp.

Semudobia tarda. U. Cecidomyiid midge. 2020. Birch *Betula* sp.

Stenacis euonymi. U. Eriophyid mite. 2020. Spindle *Euonymus europaeus*.

Taphrina populina. U. Fungus. 2018. Black Poplar *Populus nigra*.

Taxomyia taxi. (V). Cecidomyiid midge. 1969(SAM)/2019*/20. Yew *Taxus baccata*.

Trioza alacris Bay Sucker. U. Psyllid. 2018*/19/20. Bay *Laurus nobilis*.

Trioza remota. U. Psyllid. 2020. Pedunculate Oak *Quercus robur*.

Urocystis eranthidis Winter Aconite Smut. U. Smut fungus. 2018(CDP). Winter Aconite *Eranthis hyemalis*.

Uromyces fallens Clover Rust. U. Rust fungus. 2020(CDP). Red Clover *Trifolium pratense*.

Uromyces geranii Geranium Rust. U. Rust fungus. 2017(CDP). Herb Robert *Geranium robertianum*.

Uromyces muscari Bluebell Rust. (V). Rust fungus. 2019(CDP/SB). Spanish Bluebell *Hyacinthoides hispanica* s.l.

Uromyces pisi-sativi Cypress Spurge-Legume Rust. U. Rust fungus. 2020(CDP). Moroccan Broom *Argyrocystis battandieri*.

Vasates quadripedes. (V). Eriophyid mite. 2020(RW). Silver Maple *Acer saccharinum*.

Viscum album Mistletoe. V. Flowering plant. 1962-2021. L'Obel's Maple *Acer lobelii*, Silver Maple *A. saccharinum*, Yellow Buckeye *Aesculus flava*, Midland Hawthorn *Crataegus laevigata* 'Paul's Scarlet' and 'Rosea Plena', Hybrid Cockspurthorn *C. × lavalleyi*, Oriental Hawthorn *C. orientalis*, Broad-leaved Cockspurthorn *C. persimilis* 'Prunifolia', Black Walnut *Juglans nigra*, Siberian Crabapple *Malus × robusta* 'Red Sentinel', Cut-leaf Crabapple *M. toringoides*, Lanceleaf Cottonwood *Populus × acuminata*, Boll's Poplar *P. alba* var. *pyramidalis*, Canadian Poplar *P. × canadensis*, Black Cottonwood *P. trichocarpa*, New Mexico Locust *Robinia luxurians*, Black Locust *R. pseudoacacia*, Clammy Locust *R. viscosa*, Folgner's Whitebeam *Sorbus folgneri*, Common Lime *Tilia × europaea*, Large-leaved Lime *T. platyphyllos*. See Cadbury & Oswald (2009) for details of the

authors' and Roy Lancaster's Mistletoe records, including hosts that have been lost since 1992. In a survey in 2021, Chantal Helm recorded Mistletoe on Silver Maple, Yellow Buckeye, Hybrid Cockspurthorn, Broad-leaved Cockspurthorn, Cut-leaf Crabapple, New Mexico Locust, Black Locust, Clammy Locust, Large-leaved Lime and Common Lime.

Inquilines

Parallelodiplosis galliperda. U. Cecidomyiid midge. 2018. Under galls of Common Spangle Gall Wasp *Neuroterus quercusbaccarum* ♀♀ on Pedunculate Oak *Quercus robur*.

Leaf-miners

Acrocercops brongniardella Brown Oak Slender. U. Micro-moth. 2018*/20. Holm Oak *Quercus ilex*, Ubrame Oak *Q. phillyraeoides*. Local.

Agromyza abiens/myosotidis. V. Agromyzid fly. 2020. Green Alkanet *Pentaglottis sempervirens*.

Amauromyza labiatarum. V. Agromyzid fly. 2020. Hedge Woundwort *Stachys sylvatica*.

Amauromyza verbasci. V. Agromyzid fly. 2020. Great Mullein *Verbascum Thapsus*.

Aulagromyza populicola. V. Agromyzid fly. 2020. Black Poplar *Populus nigra* 'Gigantea', Black Poplar *P. nigra* ssp. *betulifolia*.

Aulagromyza tremulae. V. Agromyzid fly. 2018/20. Aspen *Populus tremula*.

Bucculatrix bechsteinella Hawthorn Bent-wing. U. Micro-moth. 2020. Hawthorn *Crataegus monogyna*.

Bucculatrix thoracella Lime Bent-wing. U. Micro-moth. 2020. Small-leaved Lime *Tilia cordata*.

Callisto denticulella Garden Apple Slender. U. Micro-moth. 2020. Apple *Malus* sp.

Caloptilia alchimiella/robustella Yellow-triangle Slender / New Oak Slender. U. Micro-moth. 2018. Pedunculate Oak *Quercus robur*.

Caloptilia honoratella* / *C. rufipennella Small Red Slender. U. Micro-moth. 2020. Field Maple *Acer campestre*. *C. honoratella* was found new to Britain in Kent in 2019 - causers of mines of this type now need to be bred out to confirm.

Calycomyza artemisiae. V. Agromyzid fly. 2020. Mugwort *Artemisia vulgaris*.

Cameraria ohridella Horse-chestnut Leaf-miner. U. Micro-moth. 2011(B)/18(GMS)/19(GMS)/20. Caroline Horse Chestnut *Aesculus* × *neglecta* 'Erythroblastos', Japanese Horse Chestnut *A. turbinata*.

Ceutorhynchus pallidactylus Cabbage Stem Weevil. V. Weevil. 2010(U). Host unknown.

Coleophora trifolii Large Clover Case-bearer. V. Micro-moth. 2018(GMS). Known in Britain from Tall Melilot *Melilotus altissima* and Ribbed Melilot *M. officinalis*. Local.

Ectoedemia atricollis Pinch-barred Pigmy. V. Micro-moth. 2018(GMS). May be using a variety of hosts in the family Rosaceae in the Garden, especially hawthorns *Crataegus* spp. and apples *Malus* spp.

Ectoedemia heringella New Holm-Oak Pigmy. U. Micro-moth. 2020. Spanish Oak *Quercus* × *hispanica* 'Fulhamensis', Holm Oak *Q. ilex*. Local.

Ectoedemia septembrella Hypericum Pigmy. U. Micro-moth. 2020. Square-stalked St John's-wort *Hypericum tetrapterum*.

Euspilapteryx auroguttella Gold-dot Slender. U. Micro-moth. 2020. Square-stalked St John's-wort *Hypericum tetrapterum*.

Fenusa dohrnii. V. Sawfly. 2018. Alder *Alnus glutinosa*.

Gypsonoma dealbana Common Cloaked Shoot. V. Micro-moth. 2018(GMS). This polyphagous species may be using any of various different trees in the Garden.

Heterarthrus vagans. V. Sawfly. 2020. Alder *Alnus glutinosa*. Local.

Leucoptera malifoliella Pear Leaf Blister Moth. U. Micro-moth. 2020. Apple *Malus* sp.

Liriomyza amoena. V. Agromyzid fly. 2020. Elder *Sambucus nigra*.

Liriomyza pusilla. V. Agromyzid fly. 2020. Daisy *Bellis perennis*.

Liriomyza strigata. V. Agromyzid fly. 2020. Red Dead-nettle *Lamium purpureum*.

Lyonetia clerkella Apple Leaf-miner. U. Micro-moth. 2018/20. Apple *Malus* sp., Wild Cherry *Prunus avium* 'Plena', Swedish Whitebeam *Sorbus intermedia*. A highly polyphagous miner and likely to be found on many more host species in the Garden.

Mompha ochraceella Buff Cosmet. V. Micro-moth. 2019(GMS). Although the host in the Garden is not known, it is probably Great Willowherb *Epilobium hirsutum*. The stem and then the leaves are mined.

Parornix anglicella Hawthorn Slender. U. Micro-moth. 2020. Hawthorn *Crataegus monogyna*.

Parornix fagivora Beech Slender. U. Micro-moth. 2018. Beech *Fagus sylvatica*.

Parornix scoticella Rowan Slender. U. Micro-moth. 2020. Sargent's Rowan *Sorbus sargentiana*.

Pegomya ?flavifrons. U. Agromyzid fly. 2020. Common Mouse-ear *Cerastium fontanum*.

Phyllocnistis saligna Willow Bent-wing. U. Micro-moth. 2020. Crack Willow *Salix* × *fragilis*.

Phyllocnistis unipunctella Poplar Bent-wing. U. Micro-moth. 2018/20. Black Poplar *Populus nigra* 'Gigantea', Simon's Poplar *Populus simonii* 'Fastigiata'.

Phyllonorycter comparella Winter Poplar Midget. U. Micro-moth. 2018/20. Black Poplar *Populus nigra* ssp. *betulifolia*. Nationally Scarce A.

Phyllonorycter coryli Nut Leaf Blister Moth. U. Micro-moth. 2020. Hazel *Corylus avellana*.

Phyllonorycter corylifoliella Hawthorn Midget. U. Micro-moth. 2018/20. Hawthorn *Crataegus monogyna*, Swedish Whitebeam *Sorbus intermedia*, Himalayan Whitebeam *S. vestita*.

Phyllonorycter esperella Dark Hornbeam Midget. U. Micro-moth. 2018/20. Hornbeam *Carpinus betulus*, Hop Hornbeam *Ostrya carpinifolia*. Local.

Phyllonorycter klemannella Dark Alder Midget. U. Micro-moth. 2018. Alder *Alnus glutinosa*.

Phyllonorycter lantanella Viburnum Midget. U. Micro-moth. 2020. Wayfaring-tree *Viburnum lantana*. Local.

Phyllonorycter leucographella Firethorn Leaf-miner. U. Micro-moth. 2001(U)/18/20. Apple *Malus* sp., firethorn *Pyracantha* sp., Swedish Whitebeam *Sorbus intermedia*.

Phyllonorycter messaniella Garden Midget. U. Micro-moth. 2020. Sweet Chestnut *Castanea sativa*, Holm Oak *Quercus ilex*.

Phyllonorycter nicellii Red Hazel Midget. U. Micro-moth. 2020. Hazel *Corylus avellana*, Turkish Hazel *C. colurna*.

Phyllonorycter oxyacanthae Common Thorn Midget. U. Micro-moth. 2020. Hawthorn *Crataegus monogyna*.

Phyllonorycter pastorella Royal Midget. V. Micro-moth. 2020. Crack Willow *Salix* × *fragilis*, Weeping Willow *Salix* × *sepulchralis* var. *chrysocoma*. A recent colonist of Britain, discovered in London in 2014. This is perhaps the second VC29 record.

Phyllonorycter platani London Midget. U. Micro-moth. 2018/20. Oriental Plane *Platanus orientalis*. Local.

Phyllonorycter sagitella Scarce Aspen Midget. U. Micro-moth. 2020. Aspen *Populus tremula*. Red Data Book 2.

Phyllonorycter ulmifoliella Red Birch Midget. U. Micro-moth. 2020. Iberian White Birch *Betula celtiberica*.

Phytomyza agromyzina. V. Agromyzid fly. 2020. Dogwood *Cornus sanguinea*.

Phytomyza fulgens/kaltenbachi/vitalbae. V. Agromyzid fly. 2019/20. Traveller's-joy *Clematis vitalba*.

Phytomyza ilicis. V. Agromyzid fly. 2018*/19/20. Highclere Holly *Ilex* × *altaclerensis* 'Platyphylla', Holly *I. aquifolium* (including forma *balearica*).

Phytomyza lappae. V. Agromyzid fly. 2020. Burdock *Arctium* sp.

Phytomyza ranunculi. V. Agromyzid fly. 2019/20. Creeping Buttercup *Ranunculus repens*.

Psychoides filicivora Fern Smut. U. Micro-moth. 2019. Hart's-tongue Fern *Asplenium scolopendrium*. Local.

Psychoides verhuella Hart's-tongue Smut. U. Micro-moth. 2019(SR). Hart's-tongue Fern *Asplenium scolopendrium*. Local. Reared out to confirm identification.

Rhampus oxyacanthae. V. Weevil. 2010(U). Host unknown.

Stigmella ?floslactella Coarse Hazel Pigmy. U. Micro-moth. 2020. Hop Hornbeam *Ostrya carpinifolia*.

Stigmella ?splendidissimella Glossy Bramble Pigmy. U. Micro-moth. 2020. Bramble *Rubus fruticosus* agg. Local.

Stigmella aceris Scarce Maple Pigmy. U. Micro-moth. 2018/20. Field Maple *Acer campestre*, Cappadocian Maple *A. cappadocicum*, Sycamore *A. pseudoplatanus*. Local, Vulnerable globally (IUCN guidelines).

Stigmella anomalella/centifoliella Rose Leaf-miner / Narrow-barred Pigmy. U. Micro-moth. 2020. Rose *Rosa* sp.

Stigmella hybnerella Greenish Thorn Pigmy. U. Micro-moth. 2020. Hawthorn *Crataegus monogyna*.

Stigmella microtheriella Nut-tree Pigmy. U. Micro-moth. 2018/20. Hazel *Corylus avellana*, Turkish Hazel *C. colurna*.

Stigmella obliquella Willow Pigmy. U. Micro-moth. 2020. Weeping Willow *Salix × sepulchralis* var. *chrysocoma*. Local.

Stigmella oxyacanthella Common Fruit-tree Pigmy. V. Micro-moth. 2018(GMS). May be utilising any of a variety of hosts in the family Rosaceae in the Garden, including hawthorns *Crataegus* spp., apples *Malus* spp. and pears *Pyrus* spp.

Stigmella sakhalinella Small Birch Pigmy. U. Micro-moth. 2020. Himalayan Birch *Betula utilis* ssp. *jacquemontii* 'Graywood Ghost'. Local.

Stigmella samiatella Chestnut Pigmy. U. Micro-moth. 2018/20. Sweet Chestnut *Castanea sativa*. Local.

Stigmella suberivora Holm-oak Pigmy. U. Micro-moth. 2018*/19/20. Holm Oak *Quercus ilex*. Local.

Stigmella tiliae Lime Pigmy. Micro-moth. U. 2020. Small-leaved Lime *Tilia cordata*. Local.

Stigmella tityrella Small Beech Pigmy. U. Micro-moth. 2020. Beech *Fagus sylvatica*.

Stigmella trimaculella Black-poplar Pigmy. U. Micro-moth. 2018/20. Black Poplar *Populus nigra*, Black Poplar *P. nigra* ssp. *betulifolia*, Simon's Poplar *P. simonii* 'Fastigiata'.

Tischeria ekebladella Oak Carl. U. Micro-moth. 2020. Downy Oak *Quercus pubescens*.