



# Flora of North-west Yorkshire

A botanical newsletter for VC65

Issue 11, Spring 2019

**Welcome** to this our eleventh newsletter for v.c.65 which is intended to keep you up-to date with botanical activities in North-west Yorkshire. For geographical details of the vice county please visit our website at: <https://bsbi.org/north-west-yorkshire> and click on 'A brief tour of v.c.65'.

We had a good year recording in 2018 but it was very disappointing on the Orchid monitoring front. The extremely warm and dry summer meant that a lot of Orchid species did not show or we saw just the occasional plant. We are hoping for better results in 2019.

The inputting of records is carrying on at a good rate. I am at last getting a lot of older records from the files put on to the BSBI Distribution Database.

## **Field Meetings 2018**

v.c.65 now has quite a number of people who attend the Field Meetings and/or send in records. Many thanks must go to Mike Canaway who has in the past organized Field Meetings mainly in the west of the county with help from the Craven Conservation Group members. Mike moved down Country last year to be nearer his family, he is a big miss and we wish him well.

Many thanks to Julie Clarke who has adopted the Dent/Sedbergh area, she records there regularly and sends in lots of excellent records, Dee Holladay too records for us in the Dent and Howgills area when she is in the area, many thanks Dee.

We have had records and help on Field Meetings this year from Tim Laurie, Judith Allinson and friends, Howard Beck, Julie Cooper and Reading Natural History Society,

Steven Dempster, Anne Luxmoore, Trevor Lewis, Ben Milner, Terry Whittaker, Yan Yee Lau and Chetan Padia, Marie Saag, Chris Weaver, Angela and Michael Horsley and Steve Gater and friends from the Durham Wildlife Trust.

A big thankyou to Brian Burrow who attends quite a few Field Meetings and shares his expertise on the Hawkweeds and Dandelions, many thanks also to Bruce Brown for your excellent Fern records. To Fal. Sarker and friends from the Darlington Natural History Society who send in an amazing amount of records, very many thanks.

A big thank you must go to Helen Proctor from Sussex who comes on holiday in the area and records solidly during her time here, she contributed more excellent records last year.

Last but definitely not least I must thank Deborah Millward who manages to join me for most Field Meetings, your botanical knowledge of the v.c. is invaluable. Sometimes she is accompanied by her daughter Rebecca, two for the price of one as they say

## **Recording**

We record in monads (1x1km squares) but if we stray over the 1 km border into another monad in the same tetrad (2x2 km squares on the even numbered grid) we just record the extras. If however you cross the tetrad border into another tetrad you must make another complete list. That way if we ever decide to record at monad level for a finer resolution, the records are already in the correct format. The 2020 Atlas unlike previous versions, will be in Tetrads not Hectads (10x10 km squares) If you do send in records, a list on excel or

word will suffice, it needn't be in alphabetical order, even handwritten lists sent by post are fine. If you need recording cards just let me know, I can supply hard copies or email templates for you to print your own. Please remember to put in Recorder's names, the date you recorded, GR of monad ie. NY81.11 or for notable plants perhaps an eight or ten figure GR. If you record Orchids could you send a picture too, this helps reduce erroneous records. We can supply lists of species for each hectad and lists of old records to re-find. We have produced an excel spreadsheet with all the tetrads and number of species recorded in each, if you would like a copy please ask me, it helps to highlight under-recorded tetrads.

### Notable finds in 2018

***Antirrhinum majus* (Snapdragon)** – Naturalised on the Castle walls and rocks below and was spotted on the New Year Plant Hunt on 31<sup>st</sup> December by Deborah Millward, Marie Saag and myself. This is the first record of this alien species in v.c.65. NZ17.00

***Asperula cynanchica* (Squinancywort)**– Recorded by Deborah Millward at Redmire on a south facing calcareous bank on 6<sup>th</sup> September. This is the second v.c.65 record. SE05.90

***Calendula officinalis* (Pot Marigold)** – Found by Tim Laurie and myself, naturalised by a path down to the Fishing Pond at Cleasby on 18<sup>th</sup> September. This was the third v.c.65 record for this species. NZ25.13.

***Callitriche obtusangula* (Blunt-fruited Water-starwort)** – Almost certainly this species, though not been definitely identified yet due to lack of pollen. Found on 2<sup>nd</sup> September in Crakehall Mill Race by Deborah Millward and myself. SE24.90.

***Carex divulsa* subsp. *leersii* (Many-leaved Sedge)** – Found by Deborah Millward beside the Packhorse Bridge below the falls at West Burton on 6<sup>th</sup> September. SE01.86.

***Carex divulsa* subsp. *leersii* (Many-leaved Sedge)**– Another patch was found below Applegarth Scars above Richmond on 28<sup>th</sup> August by Yan Yee Lau, Chetan Padia and myself. NZ11.01

***Chaenomeles japonica* (Japanese Quince)**. This alien was found by Deborah Millward, Yan Yee Lau, Steve Gater, Jim

Parkin, Trevor Lewis and myself at Coverham by the road to Bird Ridding on 22 April, a first record for v.c.65. SE09.86

***Cosmos bipinnatus* (Mexican Aster)**– This alien was found in an area sown with Wildflowers by the river in Crakehall, it was recorded on the 2<sup>nd</sup> September by Deborah Millward and myself.

***Epipactis dunensis* (Dune Helleborine)** – One plant was recorded near the footpath on the riverbank below the old railway bridge near Easby Abbey by Deborah Millward, Rebecca Millward, Anne Luxmoore and myself on the 11<sup>th</sup> August. SE18.99

***Erigeron karvinskianus* (Mexican Fleabane)**– This was found on the New Year Plant Hunt naturalised and flowering on a wall below the Castle at Richmond on 31<sup>st</sup> December by Deborah Millward, Marie Saag and myself. NZ17.00

***Eschscholzia californica* (Californian Poppy)**– A few plants of this alien species were seen at Crakehall alongside a footpath on 2<sup>nd</sup> September by Deborah Millward and myself. SE24.90

***Galinsoga parviflora* (Gallant Soldier)**– This was found on 2<sup>nd</sup> September alongside a track to Green Gate Farm, just outside Crakehall by Deborah Millward and myself. It was in a fenced off piece of verge where pigs had been kept and was growing with *Chenopodium rubrum*. It is the second v.c.65 record. SE24.90

***Genista tinctoria* (Dyer's Greenweed)**– Trevor Lewis thought he had spotted this in flower on a coast to coast walk, he reported it to me but at the time didn't have time to investigate. Yan Yee Lau, Chetan Padia and myself went to check it out and we confirmed the record on 25<sup>th</sup> August. This is only the second post 2000 record. NZ11.01

***Glebionis segetum* (Corn Marigold)**– This was found alongside a footpath on a field margin to Langthorn from Crakehall by Deborah Millward and myself on 2<sup>nd</sup> September. SE24.90

***Gymnadenia densiflora* (Marsh Fragrant Orchid)** – This was spotted on Marsett Rigg by me on 26<sup>th</sup> June and confirmed by Alan Gendle. SD89.86

***Helleborus x hybridus* (Garden Hellebore)** – This probable garden escape was beside the path into Abbey Wood, Richmond and recorded by Deborah Millward, Rebecca Millward, Anne Luxmoore and myself on 11<sup>th</sup> August. SE18.99

***Helminthotheca echioides* (Bristly Oxtongue)** – This mainly southern species was found on the shore of the lagoon at the new extension to Nosterfield Reserve by Jim Parkin and myself during a Survey on 18<sup>th</sup> July. SE27.80

***Hieracium bakerianum* (Baker's Hawkweed)** – Two plants had flowered and seeded on the riverside above Wynch Bridge when visited on the 1<sup>st</sup> October. There were three plants last year and this year's two plants are probably the last ones on the Planet. I did a thorough search of the cliffs and river edge and may have found a few more plants but we need to wait till later this year to get this confirmed. NY89.28

***Hordelymus europaeus* (Wood Barley)** – Found by Tim Laurie and myself on the 7<sup>th</sup> September on the riverside footpath below Egglestone Abbey, two different sites both in the same monad. NZ06.14

***Hymenophyllum wilsonii* (Wilson's Filmy-fern)** – Judith Allinson turned up one of the best finds of the year on 27<sup>th</sup> June, under a huge riverside boulder on the edge of the River Rawthey below Uldale House. SD72.96

***Juncus subnodulosus* (Blunt-flowered Rush)** – This uncommon Rush was seen by Deborah Millward below Combe Scar in Dentedale on 7<sup>th</sup> July. SD67.87

***Lathraea clandestina* (Purple Toothwort)** – This alien species (see above right) was spotted by Brian Burrow on the bank of the Ure above Boroughbridge on 5<sup>th</sup> May, quite a large patch (c. 1m diameter) growing on the roots of a Crack Willow, another 4 smaller patches were then spotted by myself and Brian Burrow a few metres upstream. This is a first record for v.c.65. SE37.66

***Limosella aquatica* (Mudwort)** – This was spotted by Deborah Millward on the 4<sup>th</sup> August, on the northern edge of a very dried up Semerwater during the hot, dry summer. Also seen later when pieces were washed up on the shore after substantial rainfall. SD92.86

***Linum grandiflorum* (Red Flax)** – Seen amongst planted wildflowers on the edge of the river in Crakehall on 2<sup>nd</sup> September by Deborah Millward and myself. A first record of this species in v.c.65. SE24.90



***Lathraea clandestina* (Purple Toothwort)**

***Lysimachia nummularium* (Creeping Jenny)** – This was seen on the 4<sup>th</sup> August the edge of Semerwater by Deborah Millward and myself, it had been washed up on the shore but had been seen earlier in flower on the south shore by Deborah. SD92.86

***Malva x clementii* (Garden Tree-mallow)** – This garden Mallow was spotted on the riverbank just upstream from Easby Abbey on the 11<sup>th</sup> August by Deborah Millward, Rebecca Millward, Anne Luxmoore and myself. It was on an area of bank restoration and was a first record for v.c.65. NZ18.00

***Myosotis secunda x stolonifera* (*Myosotis x bollandica*)** – The elongated sterile stem of this hybrid was spotted by me in the White Springs area on Arkengarthdale Moor on 21<sup>st</sup> August. NY95.06

***Nigella damascena* (Love-in-a-mist)** – This garden plant was planted amongst other 'supposedly' Wildflowers on

the seeded area on the bank of the river in Crakehall, it was spotted by Deborah Millward and myself. SE24.90

***Omphalodes verna* (Blue-eyed-Mary)** – This garden escape was spotted along the disused railway line from the old Station in Richmond by Deborah Millward, Rebecca Millward, Anne Luxmoore and myself on 11<sup>th</sup> August. NZ18.00

***Phacelia tanacetifolia* ((Phacelia)** – This alien was found along a footpath from Crakehall to Langthorne by Deborah Millward and myself on 2<sup>nd</sup> September.

***Polypodium x mantoniae*** – Found by Bruce Brown on 28<sup>th</sup> March, on Kidstone Scar, Bishopdale. SD94.81

***Samolus valerandii* (Brookweed)** – On 18<sup>th</sup> July this was seen by Jim Parkin and myself in two new monads on the shore of a lagoon in the new extension to Nosterfield Reserve. This was the first new record since 1969. SE27.80 and SE28.80



Brookweed (*Samolus valerandii*)

***Spiraea douglasii* subsp. *menziesii* (Steeplebush)** – This garden shrub is well established on a verge on Skelton Moor, this was recorded on 11<sup>th</sup> September by myself. NZ07.01

***Urtica dioica* subsp. *galeopsifolia* (Stingless Nettle)** – An excellent record from Fal Sarker, a good patch found on Hayberries Nature Reserve in Teesdale on 2<sup>nd</sup> September, a first record for v.c.65. NY99.22

***Viburnum lantana* (Wayfaring Tree)** – Planted in a new Woodland near Crakehall on the footpath from Green Gate Farm to Langthorne. Only the fourth record in v.c.65 and spotted by Deborah Millward and myself on the 2<sup>nd</sup> September. SE24.91

### Recording plans for the future

This year we are trying to tie up any loose ends in readiness for the forthcoming 2020 Atlas and the Field Meetings reflect this. The Check List is underway and hopefully will be published in the next year or so. The Rare Plants Register too is getting compiled as we now have quite a good coverage of the County. Currently this includes the 126 native and archaeophyte taxa listed below:-

*Actea spicata* - Baneberry  
*Alchemilla acutiloba* – Starry Lady’s Mantle  
*Alchemilla glaucescens* – Silky Lady’s Mantle  
*Alchemilla glomerulans* – Clustered Lady’s Mantle  
*Alchemilla minima* – Least Lady’s Mantle  
*Alchemilla subcrenata* – Large-toothed Lady’s Mantle  
*Alchemilla wichurae* – Rock Lady’s Mantle  
*Allium oleraceum* – Field Garlic  
*Alopecurus magellanicus* – Alpine Foxtail  
*Anacamptis morio* – Green-winged Orchid  
*Anthemis arvensis* – Corn Chamomile  
*Asplenium trichomanes* subsp. *pachyrachis* – Maidenhair  
Spleenwort  
*Bartsia alpina* – Alpine Bartsia  
*Blysmus compressus* – Flat Sedge  
*Bromopsis benekenii* – Lesser Hairy-brome  
*Cardamine impatiens* – Narrow-leaved Bitter-cress  
*Carex capillaris* – Hair Sedge  
*Carex digitata* – Fingered Sedge  
*Carex ericetorum* – Rare Sprng-sedge  
*Carex muricata* subsp. *muricata* – Large-fruited Prickly-Sedge  
*Carex vaginata* – Sheathed Sedge  
*Chenopodium bonus-henricus* – Good King Henry  
*Circaea alpina* – Alpine Enchanter’s-nightshade  
*Clinopodium calamintha* – Lesser Calamint  
*Cochlearia micacea* – Mountain Scurvygrass  
*Cochlearia pyrenaica* – Pyrenean Scurvygrass  
*Coeloglossum viride* – Frog Orchid  
*Crepis mollis* – Northern Hawk’s-beard  
*Cynoglossum officinale* – Hound’s Tongue  
*Cypripedium calceolus* – Lady’s Slipper Orchid  
*Dactylorhiza traunsteinerioides* – Pugsley’s Orchid  
*Daphne mezereum* - Mezereon  
*Draba muralis* – Wall Whitlow Grass

*Dryas octopetala* – Mountain Avens  
*Dryopteris submontana* – Rigid Buckler Fern  
*Epipactis atrorubens* – Dark-red Helleborine  
*Epipactis phyllanthes* – Green-flowered Helleborine  
*Equisetum pratense* – Shady Horsetail  
*Equisetum variegatum* – Variegated Horsetail  
*Eriophorum gracile* – Slender Cottongrass  
*Erophila majuscula* – Hairy Whitlowgrass  
*Euphorbia exigua* – Dwarf Spurge  
*Euphrasia officinalis* subsp. *monticola* – Montane  
 Eyebright  
*Euphrasia officinalis* subsp. *pratensis* – Rostkov's  
 Eyebright  
*Filago vulgaris* – Common cudweed  
*Fumaria purpurea* – Purple Ramping-fumitory  
*Galeopsis angustifolia* – Red Hemp-nettle  
*Galeopsis speciosa* – Large-flowered Hemp-nettle  
*Genista anglica* – Petty Whin  
*Gentiana verna* – Spring Gentian  
*Gentianella campestris* – Field Gentian  
*Glebionis segetum* – Corn Marigold  
*Gnaphalium sylvaticum* – Heath Cudweed  
*Groenlandia densa* – Opposite-leaved Pondweed  
*Gymnocarpium robertianum* – Limestone Fern  
*Helianthemum oelandicum* subsp. *levigatum* – Subspecies  
 of Hoary Rockrose  
*Hordelymus europaeus* – Wood Barley  
*Hornungia petraea* - Hutchinsia  
*Hymenophyllum wilsonii* – Wilson's Filmy-fern  
*Hyoscyamus niger* - Henbane  
*Hypericum montanum* – Pale St. John's-wort  
*Imperatoria ostruthium* - Masterwort  
*Juncus alpinoarticulatus* – Alpine Rush  
*Juncus compressus* – Round-fruited Rush  
*Kobresia simpliciuscula* – False Sedge  
*Limosella aquatica* - Mudwort  
*Linum perenne* – Perennial Flax  
*Luronium natans* – Floating Water-plantain  
*Lysimachia thyrsoiflora* – Tufted Loosestrife  
*Melampyrum sylvaticum* – Small Cow-wheat  
*Meum athamanticum* - Spignel  
*Minuartia hybrida* – Fine-leaved Sandwort  
*Minuartia verna* – Spring Sandwort  
*Myosotis alpestris* – Alpine Forget-me-not  
*Myosotis stolonifera* – Pale Forget-me-not  
*Myosurus minimus* - Mousetail  
*Myriophyllum verticillatum* – Whorled Water-milfoil  
*Neotinea ustulata* – Burnt Orchid  
*Noccea caeruleascens* – Alpine Penny-cress  
*Oenanthe fistulosa* – Tubular Water-dropwort  
*Ophrys insectifera* – Fly Orchid  
*Orobanche alba* – Thyme Broomrape  
*Orobanche rapum-genistae* – Greater Broomrape

*Orobanche reticulata* – Thistle Broomrape  
*Papaver argemone* – Prickly Poppy  
*Persicaria minor* – Small Water-pepper  
*Pilularia globulifera* - Pillwort  
*Polemonium caeruleum* – Jacob's-Ladder  
*Polygala amarella* – Dwarf Milkwort  
*Polystichum lonchitis* – Holly Fern  
*Potamogeton coloratus* – Fen Pondweed  
*Potamogeton friesii* – Flat-stalked Pondweed  
*Potentilla crantzii* – Alpine Cinquefoil  
*Potentilla fruticosa* – Shrubby Cinquefoil  
*Potentilla tabernaemontani* – Spring Cinquefoil  
*Primula farinosa* – Bird's-eye Primrose  
*Pseudorchis albida* – Small-white Orchid  
*Ranunculus arvensis* – Corn Buttercup  
*Ribes alpinum* – Mountain Currant  
*Ribes spicatum* – Downy Currant  
*Rosa agrestis* – Small-leaved Sweet-briar  
*Rumex pseudoalpinus* – Monk's Rhubarb  
*Saxifraga hirculus* – Marsh Saxifrage  
*Saxifraga hypnoides* – Mossy Saxifrage  
*Scandix pecten-veneris* – Shepherd's-needle  
*Scheuchzeria palustris* – Rannoch Rush  
*Sedum villosum* – Hairy Stonecrop  
*Sesleria caerulea* – Blue Moor-grass  
*Silene gallica* – Small-flowered Catchfly  
*Silene noctiflora* – Night-flowering Catchfly  
*Sium latifolium* – Greater Water-parsnip  
*Sorbus rupicola* – Rock Whitebeam  
*Spergula arvensis* – Corn Spurrey  
*Spiranthes spiralis* – Autumn Lady's-tresses  
*Stachys arvensis* – Field Woundwort  
*Stellaria palustris* – Marsh Stitchwort  
*Teesdalia nudicaulis* – Shepherd's Cress  
*Teucrium scordium* – Water Germander  
*Tilia platyphyllos* – Large-leaved Lime  
*Turritis glabra* – Tower Mustard  
*Utricularia australis* - Bladderwort  
*Valerianella dentata* – Narrow-fruited Cornsalad  
*Vicia orobus* – Wood Bitter-vetch  
*Viola tricolor* – Wild Pansy  
*Woodsia ilvensis* – Oblong Woodsia

Some of these species are long extinct (e.g. *Cypripedium calceolus*, *Eriophorum gracile*, *Scheuchzeria palustris*, *Woodsia ilvensis*), a couple of these have been reintroduced recently and some like *Vicia orobus* only present at one site near Sedbergh have been seen post 2000 but now appear to be extinct. Others are relatively common in VC65 (e.g. *Minuartia verna*, *Primula farinosa*, *Sesleria caerulea*).

**Facebook**

We now have a Facebook Site if you are on Facebook look up **North West Yorkshire Botany**, you are welcome to become a member of the group, whilst it is not directly associated with the BSBI it was set up with a view to getting a 'not too serious' look at our work out there, and hopefully getting some records back, this has worked well and we have had more records coming in during 2018 and gained a few new members.

### Field Meetings 2019

All Field Meetings start at 10.30am. unless stated otherwise and marked in red. If you intend to come along to meetings please try and let Linda Robinson know, contact details at end of Newsletter.

**Saturday 30<sup>th</sup> March** – *Gagea lutea* hunt upriver from Masham Bridge. Meet in car park near bridge at SE226.811

**Tuesday 9<sup>th</sup> April** – Wensley Bridge downstream, checking riverside vegetation and possible late *Gagea lutea*. Meet at Wensley Bridge, south side of Ure at SE091.894

**Saturday 27<sup>th</sup> April** - Spring walk by Barney Beck below Calver Hill, meet near footpath to the west of Hilltop and Brockma Gill at SD997.993.

**Wednesday 8<sup>th</sup> May** - Gunnerside, check and update decade records Meet in Gunnerside village and park where you can near SD950.981

**Sunday 19<sup>th</sup> May** – Keld, Swinnergill to check out possible record of *Polygala amarella*. Meet in the farm car park down in Keld village. SD892.011

**Tuesday 4<sup>th</sup> June** – Bishopdale, checking in Low Wood for old *Actea spicata* record. Meet near Causeway Moss, Gilbert Lane End @ SD943.803

**Saturday 8<sup>th</sup> June** – Burnt Orchid hunt from Masham Bridge upstream. . Meet in car park near bridge @ SE226.811

**Tuesday 11<sup>th</sup> June** – Cotherstone Moor to check the old 1844 record of *Crepis mollis* in monad NY94.16. Meet at the parking place at Clove Lodge. NY935.177

**Saturday 22<sup>nd</sup> & Sunday 23<sup>rd</sup> June** – Cronkley Scars – these have never been properly surveyed for quite a few years, we will be helping John O'Reilly check out old

records and hopefully find some new in his survey work for the new Teesdale Trust. Meet at the lay-by near Hanging Shaw at **10.00am**. NY867.298

**Saturday 29<sup>th</sup> June** -- Hannah's Meadow, Baldersdale to search for Frog Orchids and *Alchemilla acutiloba*, Meet at entrance to Birk Hat @ NY932.190

**Tuesday 2<sup>nd</sup> July** – Holwick Fell, looking for the first 1882 Backhouse record of *Pyrola media* in monad NY87.27. Meet in Holwick near the start of the bridleway below Holwick Scars @ NY903.270

**Wednesday 24<sup>th</sup> July** – Hurst, to check the mining area and look for old record of *Gentianella campestris*. Meet in Hurst near the phone box @ NZ051.026

**Wednesday 31<sup>st</sup> July** - Langwith, near Carthorpe, to find old record of *Carex elongata*, (records and specimens from the 1800's held in the British Museum). Meet at the end of the track to Oak Tree Farm. SE279.819.

**Friday 10<sup>th</sup> August** – Pilmoor Carr near Blois Hall Farm. Park near Hutton Conyers at the end of the track @ SE331.731

**Saturday 17<sup>th</sup> August** – Search to refind *Trientalis europaea* on High Ash Moor above Leighton Reservoir. Meet at the Cattle Grid @ SE119.754

**Wednesday 28<sup>th</sup> August** – Hunt to see if *Rumex pseudoalpinus* is still around near Howgill Head, meet on the roadside near '212' on the 2½ inch map at SD629.981.

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