



Flora of North-west Yorkshire

A botanical newsletter for VC65

Issue 8, Spring 2016

Welcome to this our eighth newsletter for VC65 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: http://www.bsbi.org.uk/nw_yorkshire.html and click on 'A brief tour of v.c.65.

Like last year I went over the top again and gathered loads of records, eight notebooks worth to be precise and then all the ones sent in by other Recorders, I have been trying to get them all into Mapmate but work keeps getting in the way. I have had to send this out now before all the records are on Mapmate before I disappear on a cruise up the Amazon for a while (I do have a life outside v.c.65 but you wouldn't think so at times!).

Field Meetings in 2015

The Field Meetings in 2015 were well attended, we are desperately trying to get a basic tetrad coverage of the v.c. completed before the 2020 BSBI Atlas is published. There were a lot of meetings in the south east so many thanks Allison Pierre and Nick Morgan for your company and also Julie Clarke who travelled all the way from Kendal area to Dishforth where we picked up some really interesting records.

We also 'hit' the Howgills, many thanks to Mike Canaway and the Craven Conservation Group (thank you for straying over the v.c. border and helping us, you know who you are, it was lovely to see you all again in 2015). Julie Clarke, Karen Bullimore Trevor & Barbara Lewis and Janet Owen all took time to come and help on other occasions too. Many thanks to Julie Clarke and Dee Halliday who sent in records from the Dent/Sedbergh area, much appreciated ladies, thank you. I must thank Brian Burrow, whilst he has been on a mission recording *Taraxacum* and *Hieracia* sp. and contributing to the new

Hieracia Flora of Yorkshire recently published by Vince Jones, he has been tetrad recording for us. There would be a lot more blank spaces on the map and hardly any records of *Taraxacum* and *Hieracia* without you Brian, many thanks.

Recording

If you would like to contribute by sending in records please could you send them in Monad (1 km square) scale but if you go over the Monad border into another Monad in the same Tetrad (2x2 km square on the even longitude and latitude lines ie SE12.96) just record the fact that you are in another Monad, give its GR ie SE13.96 and only make a list of any extras, if however you are in another Tetrad please make a new list. That way, if at some future date, some new Recorder decides to record at Monad level the data is already in that form. The 2020 Atlas will be in Tetrad format not Hectad (10x10 km squares). **Records we receive from 'sites' tend to be over two or three tetrads and therefore cannot be incorporated into the 2020 Atlas.** If you need recording cards just let me know and I will send some, otherwise just a written list or a list on word or excel will do. If you record Orchids perhaps you could send a picture too. We can supply lists of species for each hectad and probably lists of old records to re-find. We have produced an excel spreadsheet with all the tetrads and numbers of records for each, if you would like it please ask L.R., it helps to indicate under-recorded tetrads.

BSBI Richmond Recording Week

The BSBI Recording Week at the end of June/beginning of July was really successful in filling in a lot of blank tetrads as well as finding some interesting records. Many thanks must go to Tim Laurie who came along to help in the

running of this week, couldn't have done it without you Tim !

A quick resume of this meeting follows:

Monday 29th June - In the morning we visited Downholme Scars, the site for the rare *Carex muricata* subsp. *muricata* (Large-fruited Prickly-sedge), the main site had been fenced off a number of years ago and unfortunately due to the lack of grazing the block scree site was so overgrown that the plant had all but disappeared, one spindly individual was found. Thankfully in the corner of the grazed pasture field there are stony foundations of an old long house and edges of cultivation terraces, here we found about 18 clumps of the *Carex*, looking well despite being grazed. The removal of the fence and exposure to grazing again will hopefully result in the *Carex* spreading over the block scree again. Natural England have been informed. We also saw the population of *Silene uniflora* (Sea Campion) above the block scree.

In the afternoon we crossed the Swale to visit Deepdale, above Applegarth and Whitcliffe Scar, species recorded included *Koeleria macrantha* (Crested Hair-grass), *Sesleria caerulea* (Blue Moor-grass) and lots of *Aira caryophyllea* (Silver Hair-grass), *Scabiosa columbaria* (Small Scabious), *Sherardia arvensis* (Field Madder), *Echium vulgare* (Viper's Bugloss) (see below), *Geranium pusillum* (Small-flowered Crane's-bill), *Arabis hirsuta* (Hairy Rock-cress) and *Helianthemum nummularium* (Common Rock-rose).



Tuesday 30th June – We travelled south-east of Richmond to Hornby, an area of mainly arable fields but footpaths and verges gave us one or two interesting records. Rohan

Lewis spotted *Pinus nigra* subsp. *laricio* (Corsican Pine) planted in Spring Wood just out of the village, a first record for the v.c. Other species recorded included *Betula pubescens* subsp. *tortuosa*, the resinous sticky tips to the branches give this subspecies of Downy Birch away, it smells lovely after rain, *Raphanus raphanistrum* subsp. *raphanistrum* (Wild Radish) on the edges of arable fields and *Apium nodiflorum* (Fools-water-cress) and *Mimulus guttatus* (Monkey-flower) in the stream, the pure *Mimulus guttatus* setting viable seed, is fairly rare in v.c.65.

Wednesday 1st July – This was a sightseeing day as a reward for the more boring tetrad recording during the rest of the week. In the morning we visited Fotheringholme SSSI up Arkle Beck in Arkengarthdale, we did a count of the *Pseudorchis albida* (Small White Orchid) up there as well as spotting *Coeloglossum viride* (Frog Orchids), *Dactylorhiza purpurella* (Northern Marsh Orchid), *Dactylorhiza fuchsii* (Common Spotted Orchid), *Gymnadenia borealis* (Fragrant Orchid) and *Dactylorhiza maculata* (Heath Spotted Orchid), *Trollius europaeus* (Globeflower) and numerous Sedges. In the afternoon we came down Swaledale to Len Pasture SSSI just below Crackpot, here we did another count of *Pseudorchis albida* (Small White Orchid) as well as seeing some of the hundreds of *Platanthera chlorantha* (Butterfly Orchid) on the banks, unfortunately we were slightly early for them and they were mostly in bud.

Thursday 2nd July – We split into two groups, one group setting off from Gilling and the other from Skeeby, we then walked along footpaths till we met up at the ford below Gascoigne Farm, we recorded *Veronica anagallis-aquatica* (Blue Water-speedwell), interestingly we noted that *Euonymus europaeus* (Spindle) had been used in the planted hedges along the farm tracks down there and the rare Spindle Sawfly was present too. *Onopordum acanthium* (Cotton Thistle) had seeded itself on some waste ground just outside Skeeby, this is a first record for the v.c.

Friday 3rd July – In the morning Tim took us to the west of Richmond to just below Holgate How to show the group some cup and ring marked rocks, afterwards some of the group departed for home but a few stalwarts kept recording into the afternoon. Not a great deal of interest but we did turn up a pre-1960's record of *Carex paniculata*.

For quite a few years now I have searched the Yorkshire Naturalists Website trying to access or purchase a 'Flora of Wensleydale' published way back in 1888 by Professor

John Percival. Sitting in the Hotel one night Helen Proctor gave me some records from the 1970's and said she had a copy of 'Flora of Wensleydale' by John Percival which she had copied back then from a keen botanical neighbor of her Grandparents who lived in Wensleydale and would I be interested in seeing it – I almost fell off my seat !!! She had copied it word for word into an exercise book, it must have taken her ages, anyway she gave me permission to copy it and now I have my own copy of Percival's Flora of Wensleydale, and very interesting it is too, many thanks Helen, one of the highlights of the week.

Linum perenne (Perennial Flax)

Michael Foley and some of the Cumbrian Recorders have been checking on the status of the *Linum perenne* (Perennial Flax) sites in Cumbria and noting a serious decline, I too wondered how the sites in v.c.65 were doing, so I visited the Kilmond Scar site, unfortunately the plant has not been seen there since the 1990's and the site is so 'rabbited' and overgrazed now that it has probably gone from there. The most recently seen site (2003 by John Durkin) is on the other side of the A66 in a small ancient limestone quarry near Huland Quarry, I visited this and the flora was in very good shape despite being very rabbit damaged by nibbling and scraping, quite a few plants of *Campanula glomerata* (Clustered Bellflower) often found in association with the Flax was present along with *Galium verum* (Lady's Bedstraw), *Galium album* (Hedge Bedstraw) and their rare hybrid *Galium x pomeranicum* (Hybrid Bedstraw), *Ononis repens* (Restharrow), *Plantago media* (Hoary Plantain), *Centaurea scabiosa* (Greater Knapweed), *Primula veris* (Cowslip), *Arabis hirsuta* (Hairy Rock-cress), *Arenaria serpyllifolia* (Thyme-leaved Sandwort), *Poterium sanguisorba* (Salad Burnet), *Carduus crispus* (Wetland Thistle), *Knautia arvensis* (Field Scabious) and *Thymus polytrichus* (Wild Thyme). Unfortunately there was no sign of the *Linum*, I have been in touch with the Quarry Managers and visited the site with their Biodiversity Officer, hopefully they will help by putting up a rabbit proof enclosure, gated to allow winter grazing of the site. It would be good if the *Linum* was still there but the site is in my opinion of sufficient botanical interest to warrant SSSI status as it is, it definitely needs protecting.

The Army Ranges

Another area we concentrated on last year was the Army Ranges, Tim and Eileen Laurie and myself tried to visit the Ranges every Monday throughout the summer in an attempt to fill in some major blanks in the tetrad

recording and also survey them for the Army's Conservation Group, of which Tim and I are members. We came up with some really interesting records.

We found lots of the 'Threatened Plant Project' species *Blysmus compressus* (Flat Sedge) on Bellerby Moor, there is a record for Hectad SE19 from 1939 but whether this is one and the same is unknown. Another new site for the *Blysmus* was spotted at the head of a flush on Feldom Ranges, again there is an old record from 1950 for Hectad NZ10 and no clue as to whether this is the same site.

We visited the Feldom Ranges and Gayles Moor quite a few times, and we found some interesting records, some nice calcareous flushes at the head of Dalton Beck on Gayles Moor included *Eriophorum latifolium* (Broad-leaved Cotton-grass), *Parnassia palustris* (Grass of Parnassus), *Menyanthes trifoliata* (Bogbean), *Carex hostiana* (Tawny Sedge), *Epilobium alsinifolium* (Chickweed Willowherb), *Triglochin palustre* (Marsh Arrow-grass), *Succisa pratensis* (Devil's-bit Scabious), *Carex pulicaris* (Flea Sedge), *Carex dioica* (Dioecious Sedge), *Pinguicula vulgaris* (Butterwort) and *Selaginella selaginoides* (Lesser Clubmoss). Shooter's Well to the south-east of these flushes had one ancient *Salix caprea* subsp. *sphacelata* (Scottish Willow) hanging on next to the stream along with *Salix pentandra* (Bay Willow) and masses of *Hydrocotyle vulgaris* (Marsh Pennywort).

The *Salix caprea* subsp. *sphacelata* has been overlooked in the past. It is found in the upper reaches of the Pennine Gills on scars and in gorges in Cumbria, Durham & N.W. Yorkshire and a paper is in the pipeline. It no longer seems to be able to reproduce, David Tennant commented that he had tried to grow it from seed but all the saplings died in the early stages.

Foxglove Covert, a small Nature Reserve on the edge of Catterick Army Camp was another place visited frequently last year, we also had records sent in from the Bradford Botany Group and along with staff records we have the best recorded couple of tetrads in the whole of v.c.65, thanks to Major (Retd) Tony Crease and his staff's excellent management of the site, definitely worth a visit and open to the general public.

Yorkshire Naturalists Union at Ainderby Bottoms

We are having a Field Meeting with the Yorkshire Naturalists Union this year, the site to be visited was surveyed by the Yorkshire Naturalists Union 70 years ago

this year. Although Ainderby Bottoms was a really important site in the past, it lost out in the funding stakes to another equally important site in the south. Unfortunately the site was then drained but there is a small quarter acre remnant of the fen vegetation across the road in a private garden below Ainderby Steeple.

Nick Morgan gave me a copy of a Report on a visit to the area by the Yorkshire Naturalists Union in 1946 and amazingly two years ago we turned up quite a few of the species mentioned in the paper in this remnant of the site and ditches round the fields below. We found *Scutellaria galericulata* (Skullcap), *Thalictrum flavum* (Common Meadow-rue), *Carex riparia* (Greater Pond-sedge), *Carex rostrata* (Bottle-sedge), *Carex disticha* (Brown-sedge), *Carex acuta* (Slender Tufted-sedge), *Lythrum salicaria* (Purple Loosestrife), *Valeriana officinalis* (Common Valerian), *Phalaris arundinacea* (Reed Canary-grass), *Persicaria amphibia* (Amphibious Bistort), *Alisma plantago-aquatica* (Water Plantain), *Epilobium hirsutum* (Great Willowherb), *Scrophularia auriculata* (Water Figwort), *Sparganium erectum* (Branched Bur-reed), *Apium nodiflorum* (Fool's Water-cress), *Eupatorium cannabinum* (Hemp Agrimony) and *Phragmites australis* (Reed). It will be good to get experts from the YNU to come along to record other species like fungi, invertebrates, bryophytes, molluscs etc.

The field just below the private garden has only been successfully drained in the last 3 years, it would be good if the owner could be persuaded to stop the drainage and re-wet the area, could be a really good project for the local Wildlife Trust or similar, might be the last chance of reinstating one of the now extinct fens/carrs that used to be commonplace in the area.

Notable finds in 2015

***Alchemilla glaucescens* (Silky Lady's Mantle)** – Found in profusion on 17th September on a visit to Redmire Quarry and Scar by L.R., Tim Laurie, Heather Davis and Robert Wardell (SE93.05)

***Andromeda polifolia* (Andromeda)** – Found on both sides of the fenceline on the border with v.c.69 on the top of Stainmore, north of Bowes summit on 19th September by L.R. and Trevor Lowis. (NZ89.13).

***Arenaria leptoclados* (Slender Sandwort)** – This was seen on 31st July by L.R. whilst checking out Kilmond Scar for any sign of the Perennial Flax, new Hectad

record and the first recent record since 1969 for the v.c. (NZ02.13)

***Betula pubescens* var *tortuosa* (Scented form of Downy Birch)** – This was found in a hedgerow along a footpath from Hornby to Tunstall on 30th June by members of the BSBI Recording week. (SE23.94).

***Carex muricata* subsp. *muricata* (Large-fruited Prickly-sedge)** – This rare sedge was seen in two tetrads on Downholme Scar on 29th June by members of the BSBI Recording week (SE11.99 & NZ11.00).

***Centaurea nigra* var *radiata* (Rayed form of Common Knapweed)** – This beautiful form of Knapweed was seen in Foxglove Covert, shown to us by the volunteers at the Field Centre on 18th July. (SE16.97).

***Chenopodium rubrum* (Red Goosefoot)** – This striking Goosefoot was spotted by Julie Clarke, Allison Pierre and L.R. on the verge in Dishforth on 23rd August. (SE39.71).

***Cotoneaster simonsii* (Himalayan Cotoneaster)** – This was naturalized on the edge of waste ground in Dishforth, noted and identified by Julie Clarke on 23rd August. (SE39.71).

***Cynoglossum officinale* (Hound's-tongue)** – This was found on the shingle banks on the River Ure below Leyburn on 8th July by Deborah Millward and the Yoredale Naturalists. (SE11.88).

***Dactylorhiza traunsteineroides* (Narrow-leaved Marsh-orchid)** – Seen by Alan Gendle on 6th July at Locker Tarn (SE00.11)

***Dactylorhiza x venusta* (*Dactylorhiza fuchsii* x *D. purpurella*)** – found on the verge Swaledale side of Oxnop Scars by Alan Gendle on 6th July. (SD93.96).

***Dactylorhiza x venusta* (*Dactylorhiza fuchsii* x *D. purpurella*)** – found near the Field Centre on the edge of a path in Foxglove Covert by Staff and Volunteers in 2015 and seen again by L.R., Sally

Peacock, Maggie Crittenden and Ann Luxmoore on 29th July. (SE16.97).

***Eleogiton fluitans* (Floating Club-rush)** – Found in the ponds at Foxglove Covert, shown to us by Martin Hammond on 29th July. (SE15.96).

***Epilobium alsinifolium* (Chickweed Willowherb)** – Found in a flush on Gayles Moor, on the Feldom Ranges by Trevor Lewis, Tim Laurie and L.R. on 22nd June. (NZ09.05).

***Epipactis dunensis* (Dune Helleborine)** – Spotted by Caroline Stott and Ann Luxmoore and shown to L.R. on 1st July on the riverbanks below Richmond, about a dozen plants all flowering well, the identification was confirmed by Prof. John Richards, the last record for this plant was 1983. (NZ16.00).

***Escholtzia californica* (Californian Poppy)** – Found on a newly made verge in Dishforth by L.R., Allison Pierre and Julie Clarke on 23rd August. This is a first record of this alien in v.c.65. (SE39.71).

***Festuca rubra* subsp. *arctica* (Red Fescue)** – This arctic form of Red Fescue was found by Mike Wilcox on a visit to Great Shunner Fell with the Bradford Botany Group on 25th July. (SD84.97).

***Forsythia x intermedia* (Forsythia)** – Probably planted on a verge near Lockey Field, Hackforth by L.R. on 26th July. (SE24.92).

***Galeopsis bifolia* (Bifid Hemp-nettle)** – This overlooked annual was seen growing with ***Galeopsis tetrahit* (Common Hemp-nettle)** giving a good comparison of the two species in Foxglove Covert by L.R. and Ann Luxmoore on 12th August. (SE15.97).

***Galium x pomeranicum* (*Galium verum* x *G. album*)** – This was seen with both parents in a small limestone quarry near Hulands Quarry on 31st July by L.R. (NZ01.13).

***Galium x pomeranicum* (*Galium verum* x *G. album*)** – This was seen along with the previous record on 31st July but on the other side of the A66 on Kilmond

Scar, this plant was seen on 2009 by Julie Clarke and LR and good to know it is persisting. (NZ02.13).

***Helianthus annus* (Sunflower)** – Few plants seen on the Skid Pan area in Foxglove Covert by L.R., Sally Peacock and Maggie Crittenden on 29th July (SE16.97).

***Juncus kern-reichgeltii* (*Juncus effusus* x *J. conglomeratus*)** – This hybrid rush was pointed out to us by Geoffrey Wilmore, Jill Lucas and Lynn Stanley, members of the Bradford Botany Group on the Open Day on 18th July at Foxglove Covert. (SE16.97). This overlooked hybrid rush was also spotted on the Feldom Ranges (NZ10.05), Gayles Moor (NZ11.06) and Aye Gill Pike (SD70.89)

***Juncus subnodulosus* (Blunt Flowered-rush)** – This rush grows on Foxglove Covert and another colony was seen by L.R. and Tim & Eileen Laurie in a pond on the Army ranges at Sturdy Springs near Whashton on 14th September. (NZ13.05).

***Juncus x surrejanus* (*Juncus articulatus* x *J. acutiflorus*)** – This was spotted by L.R., Sally Peacock, Maggie Crittenden and Ann Luxmoore on 29th July at Foxglove Covert. (SE16.97).

***Lactuca virosa* (Great Lettuce)** – Found on the edge of the A1 (M) near Dishforth, plants were around 7ft tall with their distinctive maroon seeds. Found by L.R., Julie Clarke and Allison Pierre on 23rd August (SE37.71)

***Lobularia maritima* (Sweet Alison)** – Found on a newly made verge in Dishforth by L.R., Allison Pierre and Julie Clarke on 23rd August. This is a first record of this alien in v.c.65. (SE39.71).

***Pastinaca sativa* subsp. *sylvestris* (Wild Parsnip)** – A couple of plants were shown to us by Chris Meek and other volunteers at Foxglove Covert on the Open Day held there on 18th July, they had been found in 2014 by Chris. (SE16.97).

***Pinus nigra* subsp. *laricio* (Corsican Pine)** – This was spotted by Rohan Lewis on the BSBI Recording week

in Springs Wood just outside the village of Hornby on 30th June. (SE22.93)

***Prunus cerasifera* (Cherry Plum)** – Found on 23rd August, probably planted and fruiting profusely in an old hedgerow alongside the road in Dishforth (see below) by L.R., Julie Clarke and Allison Pierre. (SE39.71).



***Prunus cerasifera* var *pissardii* (Cherry Plum)** – This is the purple leaved variant of the Cherry Plum, planted alongside the normal *Prunus cerasifera* in the hedgerow in Dishforth, was found on 23rd August by L.R., Julie Clarke and Allison Pierre. (SE39.71).

***Prunus domestica* subsp. *italica* (Greengage)** – Lots of trees planted round the small Reservoir on Walburn, fruiting well, found by L.R. and Tim Laurie on 5th September. (SE11.94). (*We thought this might be one of the Army's new weapons, slow acting explosives, they certainly had that effect but then we did eat a lot !!!*)

***Rubia peregrina* (Wild Madder)** – This southern species was found on the seeded skid pan at Foxglove Covert, it may have come in with seed but may be spreading north, this is the 3rd record for v.c.65. It will be interesting to see if it persists, it has gone from the other two sites. This was found by L.R., Sally Peacock, Maggie Crittenden and Ann Luxmoore on 29th July. (SE16.97).

***Rubus armeniacus* (A Bramble)** – Found on verge in Dishforth, by Julie Clarke with L.R. and Allison Pierre on 23rd August. (SE38.70).

***Salix caprea* subsp. *sphacelata* (Scottish Willow)** – One ancient tree found beside the stream in Shooter's Well on Feldom Ranges by L.R., Tim Laurie and Trevor Lewis on 22nd June. (NZ10.06)

***Saxifraga x arendsii* (Hybrid Saxifrage)** – This garden throw out is established on the verge on Barningham Moor, growing with other well established garden species ***Polemonium caeruleum* (Jacob's Ladder)** and ***Aquilegia vulgaris* (Columbine)**. Spotted by L.R., Tim Laurie and Trevor Lewis on 17th June. (NZ08.08)

***Sinapis alba* (White Mustard)** – Found on the seeded area known as the Skid Pan on Foxglove Covert by L.R., Sally Peacock and Maggie Crittenden on 29th July. (SE16.97).

***Viola lutea* x *V. arvensis* (Hybrid Viola)** – This was noted on 14th June by L.R. and Deborah Millward in and around the village of Hurst, first noted in the 1980's by Michael Foley, the hybrid plant has almost taken over the *Viola* population with just a few *Viola lutea* still around, no sign of the other parent. (NZ04.02).

***Zea mays* (Maize)** – A few small plants noted on the Skid Pan area in Foxglove Covert by L.R., Sally Peacock and Maggie Crittenden on 29th July. (SE16.97).

Recording plans for the future

We are still frantically recording at tetrad scale, trying to visit any tetrads with very few or no records, the new BSBI Atlas is being produced at tetrad scale and we still need lots of records at this scale.

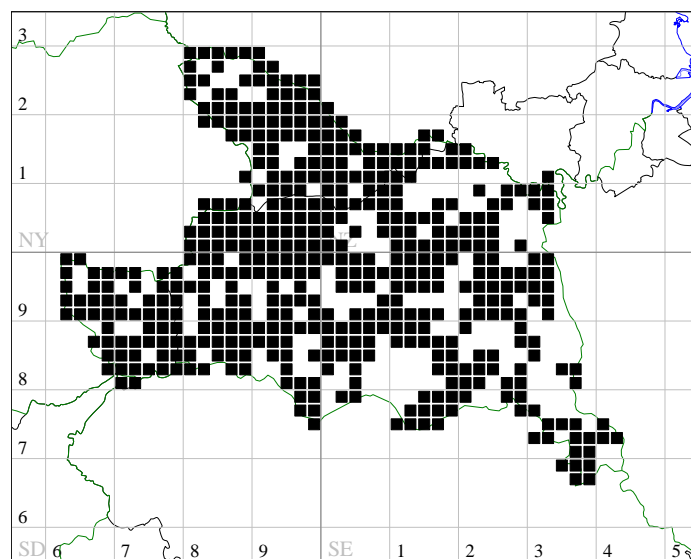
We are hoping to publish a check list for v.c. 65 in the next year or so and we are still in the process of producing a Rare Plants Register (which we can't really do until we have a baseline survey of all tetrads) and focusing our recording efforts on species that are either nationally rare or scarce (i.e. recorded in less than 100 10 × 10 km squares) or classified as threatened in the new Red Data List of the British flora published in 2005. Currently this includes the 126 native and archaeophyte taxa listed below:

<i>Actaea spicata</i>	<i>Hypericum montanum</i>	<i>Fumaria purpurea</i>	<i>Sium latifolium</i>
<i>Alchemilla acutiloba</i>	<i>Juncus alpinoarticulatus</i>	<i>Galeopsis angustifolia</i>	<i>Sorbus rupicola</i>
<i>Alchemilla glaucescens</i>	<i>Juncus compressus</i>	<i>Galeopsis speciosa</i>	<i>Spergula arvensis</i>
<i>Alchemilla glomerulans</i>	<i>Kobresia simpliciuscula</i>	<i>Genista anglica</i>	<i>Spiranthes spiralis</i>
<i>Alchemilla minima</i>	<i>Limosella aquatica</i>	<i>Gentiana verna</i>	<i>Stachys arvensis</i>
<i>Alchemilla monticola</i>	<i>Linum perenne</i>	<i>Gentianella campestris</i>	<i>Stellaria palustris</i>
<i>Alchemilla subcrenata</i>	<i>Luronium natans</i>	<i>Gnaphalium sylvaticum</i>	<i>Teesdalia nudicaulis</i>
<i>Alchemilla wichurae</i>	<i>Lysimachia thyrsoiflora</i>	<i>Groenlandia densa</i>	<i>Teucrium scordium</i>
<i>Allium oleraceum</i>	<i>Melampyrum sylvaticum</i>	<i>Gymnocarpium</i>	
<i>Alopecurus borealis</i>	<i>Meum athamanticum</i>	<i>robertianum</i>	<i>Thlaspi caerulescens</i>
<i>Anthemis arvensis</i>	<i>Minuartia hybrid</i>	<i>Helianthemum oelandicum</i>	<i>Tilia platyphyllos</i>
<i>Arabis glabra</i>	<i>Minuartia verna</i>	<i>ssp. levigatum</i>	<i>Utricularia australis</i>
<i>Asplenium trichomanes ssp.</i>	<i>Myosotis alpestris</i>	<i>Hordelymus europaeus</i>	<i>Valerianella dentata</i>
<i>pachyrachis</i>	<i>Myosotis stolonifera</i>	<i>Hornungia petraea</i>	<i>Vicia orobus</i>
<i>Bartsia alpina</i>	<i>Myosurus minimus</i>	<i>Hymenophyllum wilsonii</i>	<i>Viola tricolor</i>
<i>Blysmus compressus</i>	<i>Myriophyllum verticillatum</i>	<i>Hyoscyamus niger</i>	<i>Woodsia ilvensis</i>
<i>Bromopsis benekenii</i>	<i>Oenanthe fistulosa</i>		
<i>Cardamine impatiens</i>	<i>Ophrys insectifera</i>		
<i>Carex capillaris</i>	<i>Anacamptis morio</i>		
<i>Carex digitata</i>	<i>Neotinea ustulata</i>		
<i>Carex ericetorum</i>	<i>Orobanche alba</i>		
<i>Carex muricata ssp.</i>			
<i>muricata</i>	<i>Orobanche rapum-genistae</i>		
<i>Carex vaginata</i>	<i>Orobanche reticulata</i>		
<i>Chenopodium bonus-</i>			
<i>henricus</i>	<i>Papaver argemone</i>		
<i>Chrysanthemum segetum</i>	<i>Persicaria minor</i>		
<i>Circaea alpina</i>	<i>Peucedanum ostruthium</i>		
<i>Clinopodium calamintha</i>	<i>Pilularia globulifera</i>		
<i>Cochlearia micacea</i>	<i>Polemonium caeruleum</i>		
<i>Cochlearia pyrenaica</i>	<i>Polygala amarella</i>		
<i>Coeloglossum viride</i>	<i>Polystichum lonchitis</i>		
<i>Crepis mollis</i>	<i>Potamogeton coloratus</i>		
<i>Cynoglossum officinale</i>	<i>Potamogeton friesii</i>		
<i>Cypripedium calceolus</i>	<i>Potentilla crantzii</i>		
<i>Dactylorhiza</i>			
<i>traunsteinerioides</i>	<i>Potentilla fruticosa</i>		
<i>Daphne mezereum</i>	<i>Potentilla neumanniana</i>		
<i>Draba muralis</i>	<i>Primula farinosa</i>		
<i>Dryas octopetala</i>	<i>Pseudorchis albida</i>		
<i>Dryopteris submontana</i>	<i>Ranunculus arvensis</i>		
<i>Epipactis atrorubens</i>	<i>Ribes alpinum</i>		
<i>Epipactis phyllanthes</i>	<i>Ribes spicatum</i>		
<i>Equisetum pratense</i>	<i>Rosa agrestis</i>		
<i>Equisetum variegatum</i>	<i>Rumex pseudoalpinus</i>		
<i>Eriophorum gracile</i>	<i>Saxifraga hirculus</i>		
<i>Erophila majuscula</i>	<i>Saxifraga hypnoides</i>		
<i>Euphorbia exigua</i>	<i>Scandix pecten-veneris</i>		
<i>Euphrasia rostkoviana ssp.</i>	<i>Scheuchzeria palustris</i>		
<i>montana</i>	<i>Sedum villosum</i>		
<i>Euphrasia rostkoviana ssp.</i>	<i>Sesleria caerulea</i>		
<i>rostkoviana</i>	<i>Silene gallica</i>		
<i>Filago vulgaris</i>	<i>Silene noctiflora</i>		

Some of these species are long extinct (e.g. *Cypripedium calceolus*, *Eriophorum gracile*, *Scheuchzeria palustris*, *Woodsia ilvensis*) whereas others are relatively common in VC65 (e.g. *Minuartia verna*, *Primula farinosa*, *Sesleria caerulea*). We would welcome any recent records or help with checking out old sites for any of these species.

We have already made good start to record the flora of the entire county, at the tetrad scale, our Field Meetings this year reflect the areas where we have few or no records, along with some to turn up old records. Please feel free to come along to these meetings. The following map shows any tetrads that have not been visited yet.

VC65 Vascular Plants Recorded Sites 2km



Facebook

We now have a Facebook Site if you are on Facebook look up **North West Yorkshire Botany**, and become a member of the group, whilst it is not directly associated with the

BSBI it was set up with a view to giving 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 2015 and gained a few new members.

Field Meetings 2016

All Field Meetings start at 10.30am. If you intend to come along to meetings please try and let Linda Robinson know, contact details at end of Newsletter. If you need to know more about the Craven Conservation Meetings please contact Mike Canaway on 01729823808.

Sunday 10th April – West of Healey looking for *Gagea lutea*. Meet at junction of Ripon Rowel Walk with Low Moor Lane at SE187.803.

Saturday 23rd April – Skipton-on-Swale looking for *Gagea lutea*, meet at junction near Bridge End Farm at SE362.797.

Saturday 7th May – Morton-on-Swale looking for *Gagea lutea*, meet at footpath near bridge to west of village at SE318.918.

Sunday 15th May – Masham, parking at bridge to north of Masham at SE225.812.

Saturday 21st May – Langthorn Wood north-west of Bedale, meet at junction of Bridleway alongside Langthorn Wood at SE254.889.

Friday 3rd June – Clint Top, near Bowes, meet on verge near footpath at NY985.138.

Monday 13th June – Thirn, meet at Crossroads below Thirn Moor Farm at SE222.857.

Wednesday 22nd June – In conjunction with Craven Conservation Group. Canada Wood and Settlebeck Gill, Sedbergh, meet on Howgill Lane (free street parking) at SD655.923.

Saturday 25th June – Meeting in conjunction with Yorkshire Naturalists Union. Meet in Ainderby Steeple near the Church in the village at 334.921.

Wednesday 6th July – In conjunction with Craven Conservation Group. Sedbergh pastures to Ashbeck Gill, parking as per the 22nd June meeting.

Saturday 16th July – North of Brafferton, meet on verge near Calf Hill at SE431.709.

Wednesday 20th July – In conjunction with Craven Conservation Group. Cautley Spout, meet at the Cross

Keys Inn 4 miles north of Sedbergh on the A685 at SD698.962.

Saturday 13th August – Cleasby Grange, footpaths and verges. Meet at junction with footpath at NZ249.106.

Sunday 28th August – Gollinglith Foot, meet at parking area at SE153.809.

Saturday 3rd September – Camshouse Pasture, north of Burtsett, near disused quarries. Meet at junction of footpath with the quarries. SD904.906.

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