





Contents

Welsh Officer's Update, <i>Paul R. Green</i>	4
<i>Fumaria reuteri</i> Boiss., Martin's Ramping-fumitory, new to Wales, <i>Tim Rich & Faith Williams</i>	5
Botanical comings and goings on a Pembrokeshire farm, 1999 – 2018, <i>M.D.Sutton</i> ...	5
Flintshire (v.c.51) report 2017, <i>Gail Quartly-Bishop</i>	10
Looking for and updating pre 2000 hectad records of <i>Stellaria pallida</i> (Lesser Chickweed) in Pembrokeshire, <i>Paul R. Green</i>	11
Correction to BSBI Welsh Bulletin no 101.....	13
Welsh Plant Records 2017	14

Front Cover image: *Sagina subulata* (Heath Pearlwort), Mwnt, Cardiganshire, v.c.46.
© Paul R. Green. See page 4.

Page 2:

Image 2: *Prunus cerasus* (Dwarf Cherry), a plant that still needs recording in Wales for Atlas 2020. © Paul R. Green. See page 4.

Image 3: On a Pembrokeshire Farm, extraction of 20 year old willow trees for sale to river restoration projects has restored some open areas on former 'moors', here benefiting Common Centaury (*Centaureum erythraea*) and the hairy form of Marsh Speedwell (*Veronica scutellata* var. *villosa*). © Matt Sutton. See article page 5.

Image 4: *Stellaria pallida* (Lesser Chickweed), London Road, Pembroke Dock. © Paul R. Green. See article starting on page 11.

Items for inclusion in the next Welsh Bulletin should be sent to Richard Pryce by **1 Dec 2018**: Pryceeco@aol.co.uk

Editors: *Richard D. Pryce*, Treveithin, School Road, Pwll, Llanelli, Carmarthenshire, SA15 4AL PryceEco@aol.com. *Sally Whyman* (sally.whyman@museumwales.ac.uk) and *Katherine Slade* (katherine.slade@museumwales.ac.uk), Dept. Natural Sciences, Amgueddfa Cymru-National Museum Wales, Cathays Park, Cardiff, CF10 3NP.

See www.bsbi.org.uk/wales.html for back issues. Printed versions of some back issues are still available on request @ £2.50 per issue; please contact Sally Whyman or Katherine Slade. Cheques are payable to BSBI (the BSBI Wales bank account has now closed). Future issues are available to BSBI members living outside of Wales by sending £2.50 in advance.

Welsh Officer's Update

PAUL R. GREEN, email: paul.green@bsbi.org

It is now 7 months (I only managed 9 months, see last paragraph) since I have been back as the BSBI Welsh Officer. On my days off, I do like to try and go out recording to help out with Atlas 2020. I always look at the Distribution Database (Ddb) before I head out, to see what species haven't been recorded since 1999 for the hectad I'm going to visit. Normally, it is the rarer species, or species that are harder to identify that haven't been recorded. Occasionally, there can be a common species which needs to be refunded. In one instance, it was *Lathyrus pratensis* (Meadow Vetchling)...it was fun to think that a species, I expect to see nearly every time I am out recording, still needed to be updated to post 2000 for a hectad.

Other species can be much more of a challenge to find! One of these was *Prunus cerasus* (Dwarf Cherry) (see image 2, page 2), with many hectads still needing a post 2000 record in Wales. After I had realised this, each time I went out and did some recording in late April, I always saw Dwarf Cherry in a hedgerow, partly because it was in full flower. It is a small tree that is extremely easy to over-look after the flowering period.

Despite the spring being wet and cold much of the time, and the flowering season being a good 3 weeks late or even more, the three early meetings I lead had exceptionally good weather. On the coast at Freshwater West on 25th March, it was more like a treasure hunt trying to find any plant flowering. A month later, on the *Viola* workshop at Port-Eynon, it felt that spring had truly arrived, as it was a warm sunny day and many species were flowering. Only 4 species of Violet could be found. *Viola odorata* (Sweet Violet) had actually finished flowering, while the other three species seen were just coming into their best. The third walk was at Mwnt on the Cardiganshire coast on 3rd May. The flowering season was still late and many species I would have expect to be in flower, had not yet started. There were many uncommon species, such as *Moenchia erecta* (Upright Chickweed) and *Sagina subulata* (Heath Pearlwort) (see front cover image) on the steep rocky slopes, where both were abundant and in full flower.

On the 17th May, I ran a willow workshop at Llanelli Wetland Centre, where 17 BSBI members joined me from as far away as Devon and Oxfordshire. The morning was spent looking at specimens of willows I had gathered and, in the afternoon, a walk was taken around the reserve to look at the many willow species recorded from the site.

For personal reasons I decided to step down as Welsh Officer in mid-June. Not a decision I took lightly!

***Fumaria reuteri* Boiss., Martin's Ramping-fumitory, new to Wales**

TIM RICH, 57 Aberdulais Road, Cardiff CF14 2PH

FAITH WILLIAMS, 1 Ffynon Ffigys Cottages, Gwaelod y Garth CF15 9JG

On 13 January 2018, FW posted a *Fumaria* picture taken at Morganstown allotments, Cardiff (v.c. 41) on the 'Wild flowers of Britain and Ireland' Facebook page. Noting the deep pink flowers with nearly entire sepals, TR suspected it might be *F. reuteri*, which would be new to Wales. On 17 January 2018, FW showed TR the plants and he was able to confirm that they are indeed *F. reuteri*. There were a few plants along a communal path.

Fumaria reuteri is now being found widely in Britain in ruderal habitats, probably due to the enhanced identification guidance in the *BSBI Fumitory Handbook* by Rose Murphy (2009). Key field features are the large 11-13 mm long, deep pink flowers with nearly entire sepals; such plants should be collected for verification as *F. reuteri* could occur elsewhere in Wales. The strongly 3-lobed stigma is a good confirmatory character under the microscope.

Botanical comings and goings on a Pembrokeshire farm, 1999 – 2018

M.D. SUTTON, www.wyndrushwild.co.uk

Almost 20 years ago, I was a Phase II Grassland surveyor for CCW in Pembrokeshire. Together with colleague Dan Guest, we spent three June days surveying a series of fields around Wyndrush Farm, near Redberth in the south of the county. Two things stood out for me at the time. This wasn't the usual grassland site - a slope too steep to plough, or a damp field at the far end of the holding – the whole farm was almost unscathed. It was positively leaping with insects and birds as a result. The owner made an impression on me too. Once the local blacksmith, he was only days away from dying and, as I stood with him and his wife in his spartan kitchen, he was most concerned about what was going to happen to his cows. I was later told that he never bought a bag of fertiliser in his life, and he had clearly farmed traditionally – making hay, maintaining hedges, letting the hunt run over his 'moors'.

Our 1999 NVC survey concluded that 'Wyndrush Pastures' was 'of at least moderate to high conservation value for its fairly extensive and intergrading

mixtures of dry neutral grassland (MG5a), rush *Juncus* and Purple Moor-grass *Molinia* pasture (M23a, M24 and M25), and tall herb fen (M27 and M28)⁷. The somewhat under-managed stands of MG5a in the central enclosures were considered of particular interest, together with the little modified patchwork of M23a and M24b/c in the lower field to the north of these. No particularly rare plants were found – Petty Whin (*Genista anglica*), Dyer’s Greenweed (*G. tinctoria*) and Southern Marsh-orchid (*Dactylorhiza praetermissa*) were the most significant finds. Creeping Willow (*Salix repens*), Whorled Caraway (*Carum verticillatum*) and Saw-wort (*Serratula tinctoria*) were noted in the *Molinia* pasture, but the Wavy St. John’s-wort (*Hypericum undulatum*) and Pale Sedge (*Carex pallescens*) were overlooked. A few clumps of Diffuse Rush (*Juncus x diffusus*) were found in tall marshy grassland, where they persist to this day.

Over the next few years, the site was bought by a farmer known locally as ‘Green-grass’, notified as a SSSI by an organisation still prepared to act quickly when necessary, then given to me to ‘manage’ as a newly appointed Conservation Officer. How I eventually came to own (or rather, be owned by) 87 acres in 2006 and start managing for real is another tale. From a botanical perspective, the most significant occurrence during the tenure of ‘Green-grass’ was a brief-period of heavy grazing which churned up the top fields, and a somewhat insensitive approach to fencing which cleared a swathe of young trees and caused some rutting of wet ground. The latter brought to light a seed-bank of Three-lobed Crowfoot (*Ranunculus tripartitus*), at locations where historical access routes were apparent – the old Tenby road in horse-drawn days, a gap in the boundary bank which may have been used by the hunt, and an old gateway between fields. Up to 20 plants flowered for the first year or two, but subsequent cattle-grazing proved insufficient to maintain the plant above ground, and ten years later it (hopefully) returned to the seed-bank once more.

My first years as a farmer went by in a frenzy of activity – I was still with CCW, so all spare time was taken with building, cattle management, beekeeping and hay-making amongst other things. There wasn’t a lot of time for thorough botany. Others contributed records on occasional visits – the Cokers’ diligent searching unveiled the small population of Adder’s-tongue (*Ophioglossum vulgatum*) in one field; Stephen Evans picked out the Early Marsh-orchid (*Dactylorhiza incarnata*) from the Southern (*D. praetermissa*), and Arthur Chater added a form of Hedge Bindweed (*Calystegia sepium*) intermediate between ssp. *sepium* and ssp. *roseata*. I noticed the one or two plants of Quaking-grass (*Briza media*) disappear from the hay meadow, but wasn’t about to get a lime-spreader in. Two other mild calcicoles – Downy Oat-grass (*Avenula pubescens*) and Yellow Oat-grass (*Trisetum flavescens*) – are still in the meadows, but there is an evident trend from MG5a to the more calcifugous

sub-community, MG5c, as Betony (*Betonica officinalis*), Devil's-bit Scabious (*Succisa pratensis*), Tormentil (*Potentilla erecta*) and Heath-grass (*Danthonia decumbens*) slowly move out from the more steeply-sloping field corner where they had generally been confined too. In the old 'moors', Petty Whin was down to a single plant by 2007, and scrub clearance in the glade around it failed to stop it from disappearing. The Dyer's Greenweed lasted longer, but the few flowers proved attractive to slugs, and the last plant was apparently trampled by a cow in 2016.

Alongside such departures, I began to notice new plants. I finally got around to compiling a spreadsheet in 2013 and have updated it with new finds each year. Some of these had clearly been overlooked – the one poor specimen of Rowan (*Sorbus aucuparia*) in a hedge; a single Small-flowered Sweet-briar (*Rosa micrantha*) under streamside willow; Slender Club-rush (*Isolepis cernua*) in the perhaps somewhat unusual habitat of boggy woodland rides; the hybrid polypody (*Polypodium x mantoniae*) and Knotgrass (*Polygonum*) collections determined by Arthur. But others were apparent arrivals. Broad-leaved Pondweed (*Potamogeton natans*) and Various-leaved Water-starwort (*Callitriche platycarpa*) colonised a newly dug pond, no doubt bird dispersed. Northern Yellow-creed (*Rorippa islandica*) appeared on the yard in 2010, confirmed by Julian Woodman on his visit. Its spread in Pembrokeshire has now started to follow the pattern in Carmarthenshire where it has colonised disturbed anthropogenic habitats (Pryce and Pryce, 2011). The population around the wood-piles and solar panels reached some 20 plants before declining to a single plant last year; 3 plants were found in a new location on trackside limestone chippings. An Eyebright (*Euphrasia arctica* ssp. *borealis*) appeared in the meadows around 2008, and rapidly spread in one of them after close mowing. Squirreltail Fescue (*Vulpia bromoides*) appeared in 2015, under a newly built straw bale wall – most bales were of barley grown from Russian seed at a farm near Martletwy. It was found to be curiously abundant in the adjoining hay meadow the following year, and then almost disappeared the year after. Corn Spurrey (*Spergula arvensis*) appeared in the field where cattle are out-wintered – possibly from the seed-bank but perhaps arriving with straw from Marloes where it is abundant. Two other plants have arrived with imports of less typical materials. Sea Radish *Raphanus raphanistrum* ssp. *maritimus* came in with cut material from nearby Penally, accepted to assist the contractor and used as a mulch. A couple of plants of Lesser Water-parsnip (*Berula erecta*) have appeared in a shallow ditch behind a new barn. Prior to building this, I'd stored bundles of reed here, cut from Ritec Fen a couple of miles away where the plant is locally frequent.

Devil's-bit Scabious was given a helping hand – although present in the dry grassland at the edge of the main *Molinia* pasture, it was curiously absent from

within it. Seed from Jeffreyston Pastures SSSI, 1km away, was broadcast and some three years later, this resulted in scattered patches of flowering plants which have slowly spread. My only other intentional introduction away from the vegetable garden has been English Stonecrop (*Sedum anglicum*) – again from Marloes - to kick-start a new green-roofed barn. Our meadow seed business has, however, begun to inadvertently introduce species around the barns where we process harvests. Wild Carrot *Daucus carota*, Smooth Tare (*Vicia tetrasperma*) and Corn Marigold (*Glebionis segetum*) are recent additions, all being present in the coastal field at Marloes which we harvest periodically. The Corn Marigold was a stunted specimen, flowering on the edge of the yard in January and February this year but succumbing to the March snows before seeding. This ‘blink-and-you’d-miss-it’ element of the flora is one that I’d hitherto failed to appreciate. As a NVC surveyor, or perhaps an Atlas recorder, we get used to taking ‘snapshots’ of a site, leading one to assume that the flora of a site is relatively static. Many casual or transient species will inevitably be overlooked, and the origins of introductions are rarely apparent. As well as the Corn Marigold, 17 other species have been and gone in the last decade, all of them associated with quarry materials, cultivation of vegetable beds or other activities of mine: Traveller’s-joy (*Clematis vitalba*), Pale Flax (*Linum bienne*), Tree Mallow (*Malva arborea*), Buck’s-horn Plantain (*Plantago coronopus*), Himalayan Balsam (*Impatiens glandulifera*), Weld (*Reseda luteola*), Great Mullein (*Verbascum Thapsus*), Vervain (*Verbena officinalis*), New Zealand Willowherb (*Epilobium brunnescens*), Common Whitlowgrass (*Erophila verna*), Ploughman’s-spikenard (*Inula conyzae*), Two-rowed Barley (*Hordeum distichon*), Creeping x Marsh Thistle (*Cirsium x celakovskianum*), Mugwort (*Artemisia vulgaris*), Green Amaranth (*Amaranthus hybridus*), Niger (*Guizota abyssinica*) and Fox-and-cubs (*Pilosella aurantiaca*). The shortest lived of these were the Himalayan Balsam – a seedling of which was removed from the base of a second-hand polytunnel – and the Buck’s-horn Plantain, which grew from a pile of crushed sandstone being stored for green-roofing projects and disappeared when this was used. The most puzzling species on this list is the Ploughman’s Spikenard, a single plant of which adorned the turf roof of my first wood-store for a year. The turf was dug from the non-SSSI field where the cattle are out-wintered, but this is largely improved and a far cry from the usual calcicolous haunts of the species. Wind-blown seed from the south Pembrokeshire coast is one possibility, but arrival with limestone chippings used to surface the yard is perhaps more likely. This was definitely the source of the Whitlowgrass, Pale Flax, Weld, Great Mullein and Vervain at least. Whatever the origin, despite flowering and seeding, the plant was gone the following year and became one of 20 losses from the SSSI (5% of the flora, or 1 species per year) during my tenure. The apparent extinctions of more established and ‘significant species’ are limited to the Petty Whin and Dyer’s

Greenweed – Three-lobed Crowfoot hangs on in a neighbouring part of the SSSI. The addition of 70 taxa since 2013 takes the current site total to 400 (including naturalised plantings, hybrids and sub-species). The bryophyte total is now 190. I have yet to get to grips with Brambles (*Rubus*) or Dandelions (*Taraxacum*), and I suspect there are more hybrids lurking within Willowherbs (*Epilobium*) and other genera.

Locally an infrequent species away from the coast, Common Centaury (*Centaureum erythraea*) also looks set to disappear from the farm, with only single individuals found in the last two years. Seemingly gone from the hay meadow where I first found it, it now only appears in glades created within the secondary woodland. Going back fifty years, there was much more grassland here for such plants – aerial photos from 1969 show scrub-free *Molinia* pastures and meadows, and little tree cover aside from the ancient wooded slope noted by George Peterken on his visit. The small-holding around our current homestead was still inhabited by a small family then - a field being ploughed for kale, the hedges being tended, and a garden and orchard well maintained. Following the death of the husband, the wife and son departed for the north of the county in the early 1980s and the old house was abandoned. With the ageing blacksmith on the main farm holding struggling to keep things ‘tidy’, the willow, brambles and blackthorn seized their moment and made rapid advances.

Going back further, the two central meadows 'Upper Castle' and 'Lower Castle' contain the vestiges of an Iron Age fort. It's tempting to speculate that the field boundaries here are also ancient, or at least medieval, as the 'rounded rectangle' shape would have been the most efficient to fence using cleft oak stakes or 'pales'. Perhaps deer would then have been kept in association with the monastic farming that dominated the area in a post-medieval period. Now, the fallow deer which have taken up residence here in the last couple of years, raise interesting questions for me about the future. The woods are already easier to walk through, with paths and clearings where bramble once had free rein. Left to their own devices, will the deer wreak the same changes here as they have done in England? I wonder, in a different way from the blacksmith, what will happen to my cows? With small-scale cattle farming such a precarious enterprise, subject to the vagaries of grant-aid, TB, dietary fashion and the difficulties of hay-making with August monsoons and rampaging soft rush, it could be that the future is in woodland, or at least wood-pasture and the occasional harvest of wild venison. The tapestry of habitats, plants and its human inhabitants is ever-changing....

References

Pryce, K. & R. Pryce (2011). *The spread of Rorippa islandica (Northern Yellowcress) in Carmarthenshire*. BSBI Welsh Bulletin no. 87

Flintshire (v.c.51) report 2017

GAIL QUARTLY-BISHOP, 19 March 2018

The total number of records received for Flintshire in 2017 was 13,755, of which over half were made during the Annual Summer Meeting in June. Our top recorder once again was Jonathan Shanklin with 5,293 records, an extraordinary total for someone who lives at the other end of the country. Local botanists Julie Rose and Polly Spencer-Vellacott are awarded silver and bronze respectively.

Perhaps not surprisingly, Jon Shanklin is responsible for one of the most interesting finds of the year, *Coincya monensis*, found on Deesside in October. This is the first record of this species in the county since 1982.

Parapholis incurva (Curved Hard-grass) was recorded during the ASM at Llanerch-y-Mor by Polly Spencer-Vellacott, Graham Wright and Laura Gravestock. If confirmed, this would be the first record in the county since 1835!

The ASM also generated 14 new 10k records of species rare or scarce in Flintshire and Jon Shanklin scored another 12 such records during the rest of the year. These are especially welcome and have made an important contribution to our understanding of the distribution and status of these species in the county.

Meanwhile, BSBI outings recorded possible *Petroselinum segetum* (Corn Parsley) near Rhuddlan which requires further investigation in 2018 – if confirmed, this would be a new county record. There was also a record of possible *Tolypella glomerata* (Clustered Stonewort) at a NWWT site which needs following up.

Finally, Flintshire BSBI group would like to claim the record for the largest number of species found in a car park with a score of 81 at KFC/Aldi in Rhuddlan on 30th July!

Thank you to everyone who has recorded plants in Flintshire in the past year, every record is appreciated. We look forward to seeing you out in the field in 2018.

Looking for and updating pre 2000 hectad records of *Stellaria pallida* (Lesser Chickweed) in Pembrokeshire

PAUL R. GREEN. *Email: paul.green@bsbi.org*

While having a chat with Stephen Evans, the Vice-county Recorder for Pembrokeshire, he suggested I could try to update sites for *Stellaria pallida*, where there was no report since 2000 to give a modern record for Atlas 2020. Stephen provided me with all the information he held in his database, along with a distribution map using different colour symbols, to depict the decade when last reported from a site.

This was the perfect species to look for as all sites were within 15 miles of where I live in Pembroke Dock. The searches were done during the months of February and March 2018.

Stellaria pallida is a smaller version of *Stellaria media* (Common Chickweed), even though both species are very similar looking, there is a jizz to both, and I found I could pick out *S. pallida* while driving along at 30 mph or less through town where it was a pavement weed.

Before I started my search in 2018, I had already found *S. pallida* once before in Pembrokeshire as a weed of a harvested maize crop in November 2017, when I had stopped to look at *Glebionis segetum* (Corn Marigold) on the margin of a field at Newton (SM90230057).

I restricted my search to sites where there were no post 2000 records for the hectad.

Description

Stellaria pallida

A short-lived, neat, compact, mat-forming spring annual, which hugs the ground, all lead shoots being completely prostrate. When young and overwintering, the foliage is dark green, becoming pale yellowish-green as the plant comes into flower, and turning yellowish as fruit is set. By late March the plant is often already dying away, and often completely gone by late April. The flowers are not much to look at as they normally have just sepals and no petals. The leaves are roundish and blunt tipped.

Stellaria media

A messy, straggly, patch-forming annual, which grows all year round, with lead shoots turning upwards. Foliage is light green and can turn yellowish as it dies back. The flowers have petals that are about same length as the sepals. The leaves are variable in size and shape and are pointed.

Sites searched

Old Sageston Airfield. Map ref: SN054030.

Found on 28th March 1992 by Steve Chambers. Described as common on the vegetated cracks between old tar-covered concrete bases of the old airfield. Even though the habitat is still the same, I couldn't find any trace of *S. pallida*. Other associated species seen in 1992 were still present such as *Saxifraga tridactylites* (Rue-leaved Saxifrage).

Pembroke. Map ref: SM981015.

Found in May 1972 by Anne Conolly on the steps of a house in Pembroke. I searched the town, and couldn't find any *S. pallida* along the streets, or by any steps of any house. I did find over 100 plants in the South Quay Car Park, Pembroke (SM9829001621), which is where I started my walk around the town.

Stackpole Warren. Map ref: SR9819094722.

Found here in August 1999 by S.J. May. Stackpole Warren is a large area of dune. I found *S. pallida* growing near May's map reference along a sandy track, with lots in sandy bare area of a field gate. *S. pallida* was also found in scattered locations along more of the track and along human made paths, with one site in the neighbouring monad at (SR9771294277) in short open sandy turf.

New sites

Pembroke Dock

The first site I noticed when I started my search was from the car while heading out to the old airfield at Sageston. 95 plants grew here along the pavement of London Road (SM9724403666), opposite Tesco. I soon found that *S. pallida* was scattered about the town, being found in 3 different monads.

Tenby

Tim Rich had found *S. pallida* on the dunes at Penally on 5th April 2004 at SS121988. My way of thinking, was if I searched over the border in the next hectad up, could I find *S. pallida* for a new hectad? I had a look around the dunes at Tenby and found two plants on blown sand on the side of a boardwalk at the top of the beach at map reference SN1317300081. I also found one plant as a pavement weed along Esplanade, Tenby (SN1329300133).

Overview

S. pallida now has post 2000 records for 5 out of the 6 hectads it had been recorded from in the county, with one additional hectad found, and only one hectad still with a pre-2000 record. If I had had more time I'm sure *S. pallida* could have been found in more sites and hopefully some new hectads.

Correction to BSBI Welsh Bulletin no 101

The editors apologise for the fact that images, which appeared in the BSBI Welsh Bulletin no. 101, were incorrectly attributed. They should have read:
Front cover: *Diphasiastrum alpinum* (Alpine Clubmoss) © Steve Williams.
Inside back cover: 9. *Cuscuta campestris* (Yellow Dodder) © Ian Rabjohn. 10. *Pyrola rotundifolia* (Round-leaved Wintergreen) © Shelley Cross.

Welsh Plant Records 2017

Welsh Plant Records are compiled by Stephen Coker, Mountain Grove, Clarboston Road, Haverfordwest, Pembs, SA63 4SG, from reports of BSBI Vice-county Recorders to whom records should be sent. All the compiled records have been checked by the relevant Vice-county Recorder.

Plants are listed for each vice-county in the order of D.H. Kent's *List of Vascular Plants of the British Isles* (1992) and *Supplements 1, 2 & 3* (1996 & 2000) the number in those lists preceding the name so that names changed since 1996 can be given without giving the former name. Latin names follow the 3rd edition of C.A. Stace's *New Flora of the British Isles* (2010) or, if not in that Flora, E.J. Clement & M.C. Foster's *Alien Plants of the British Isles* (1994). T.B. Ryves, E.J. Clement & M.C. Foster's *Alien Grasses of the British Isles* (1996) or Sell & Murrell's *Flora of Great Britain and Ireland* (1996-2017). Authorities for Latin names are not given unless the name is not in any of these works. English names are those in Stace (2010) or *English Names of Wild Flowers* ed. 2 (1986) by Dony *et al*, or, if not in either of those, Clement & Foster (1994), Ryves, Clement & Foster (1996) or Sell & Murrell (1996-2009). English names enclosed by square brackets do not occur in any of these books but have been used elsewhere. Welsh names are those in *Planhigion Blodeuol, Conwydd a Rhedyn*, published by Cymdeithas Edward Llwyd (2003).

The following symbols are used:

* to indicate a new v.c. record; ⊗ to indicate an updated VCCC record; † to indicate a record demonstrating the rediscovery of a taxon published as extinct in the VCCC

+ to indicate a new hectad record; ⊕ to indicate an updated hectad record; ⊖ to indicate a new tetrad record

† indicates archaeophyte; ‡ indicates neophyte; © indicates casual.

†‡© before the species number: to indicate that the species is regarded as an archaeophyte, neophyte or casual at least somewhere in the British Isles.

†‡© after the species number: to indicate that the species is regarded as an archaeophyte, neophyte or casual generally within the vice county, different from that of the British Isles.

†‡© before the record: to indicate a species which although a native, archaeophyte or neophyte at least somewhere in the vice county, is not so in the locality recorded.

[] to indicate that the record, previously published in error, should be deleted.

□ to indicate an update to a rare or scarce taxon.

∅ to indicate that the taxon is now believed to be extinct in the locality cited.

N, S, E, W indicate points of the compass.

In general, only records which update the *Vice-county Census Catalogue* [VCCC] (2003) or the *New Atlas of the British & Irish Flora* (2002) will be listed. Other records are included at the discretion of the vice-county recorder. The minimum grid reference is to a hectad but, if supplied by the recorder, more precise grid references may be included. A letter in parentheses following a grid reference indicates a tetrad.

The Vice-county Recorders from 1/1/2018 are:

MONMOUTH, v.c.35; Dr S.J. Tyler, Yew Tree Cottage, Lone Lane, Penallt, Mons, NP25 4AJ; steph tyler2001@hotmail.com & Mrs E. Wood (*all correspondence to Dr Tyler*).

GLAMORGAN, v.c.41; (West); Mr B. Stewart, 36 Pencaerwn Road, Gorsenion, Swansea, SA4 4FU. 01792 539447; moonmoths@virginmedia.com

GLAMORGAN, v.c.41; (East); Mr J.P. Woodman, c/o NRW, Rivers House, St Mellons Business Park, Forttran Road, St Mellons, Cardiff, CF3 0EY (Please mark PERSONAL). 029 2077 2400; juwood66@gmail.com

BRECON, v.c.42; Mr M. Porter, Aberhoywy Farm, Cyffredyn Lane, Llangynidr, near Crickhowell, Powys NP8 1LR. 01874 730354; mikechris1@btinternet.com & Dr J.R. Crellin; jrc@crellin.org.uk.

RADNOR, v.c.43; Miss E.R. Dean, Enmore House, Croft Lane, Kingsland, Leominster, Herefordshire, HR6 9PP. 01568 780769; erd@btconnect.com & Mrs S.M. Spencer (*all correspondence to Miss Dean*).

CARMARTHEN, v.c.44; Mr R.D. Pryce & Mrs K.A. Pryce, Trevethin, School Road, Pwll, Llanelli, Carmarthenshire SA15 4AL; pryceco@aol.com

PEMBROKE, v.c.45; Mr S.B. Evans, Glan-y-Mor, Dinas Cross, Newport, Pembrokeshire SA42 0UQ. 01348 811539; glanymor.dinas@gmail.com

CARDIGAN, v.c.46; Mr S.P. Chambers, 7 Cefn Melindwr, Capel Bangor, Aberystwyth, Ceredigion SY23 3LS. 01970 880772; steve.chambers@wales.gsi.gov.uk.

MONTGOMERY, v.c.47; Dr A K Thorne, Churton House, Church Pulverbatch, Shropshire, SY5 8BZ. 01743 718270; k.thorne@btinternet.com & Mrs G.A. Foulkes (*all correspondence to Dr Thorne*)

MERIONETH, v.c.48; Mrs S.E. Stille, 48 Foregate, Fulwood, Preston, PR2 8LA; mossysal@btinternet.com.

CAERNARFON, v.c.49; Mrs W.N. McCarthy, 5 Tyn-y-coed, Great Orme, Llandudno, Conwy LL30 2QA. 01492 877451; wendorme@aol.com

DENBIGH, v.c.50; Mrs D. Williams, Bryn Siriol, Graigfechan, Ruthin, Denbighshire, LL15 2HA. 01824 702196; delyth@siriolbryn.co.uk.

FLINT, v.c.51; Ms E. Meilleur, 1 Fron Goch, Llanberis, Gwynedd, LL55 4LE. 01286 870173; emilytmei1@gmail.com. (records communicated by Gail Quartly-Bishop; gailqb@hotmail.com)

ANGLESEY, v.c.52; Mr I.R. Bonner, 15 Littledean Hill Road, Cinderford, Gloucestershire, GL14 2BD. Tel: 01594 824320; bonner@caetrefor.co.uk and Mr N.H. Brown, Granary Cottage, Llanddyfnan, Anglesey, LL77 8JA. Tel. 01248 723163. n.brown@bangor.ac.uk

MONMOUTH, v.c.35 (comm. S.J. Tyler & E. Wood)

+c1-1-cot **Chara contraria** (Opposite Stonewort). Shallow pools, Pwll Du at Canada tips, SO24 11, E. Wood, A. Wood & S. Tyler, 9th Aug 2017.

+c1-1-glo **Chara globularis** (Fragile Stonewort). Canal, Crosskeys, ST23 91, E. Wood & A. Wood, 27th Sep 2017.

- +c1-1-vul **Chara vulgaris** (Common Stonewort). Shallow pools in disused quarry, Crosskeys, ST23 91, E. Wood & A. Wood, 27th Sep 2017.
- +c1-4-opa **Nitella opaca** (Dark Stonewort). Shallow pools, Pwll Du at Canada tips, SO24 11, E. Wood, A. Wood & S. Tyler, 9th Aug 2017; (+) Trostrey, SO36 05, E. Wood & S. Tyler, 1st Aug 2017.
- *001/4.1. **Diphasiastrum alpinum** (Alpine Clubmoss) (Cnwp-fwsogl Alpaidd). On coal spoil, Pwll-du, Canada Tips, SO2484 1077, S. Williams, 30th Jul 2017.
- +027/1.2. **Ceratophyllum submersum** (Soft Hornwort) (Cyrnddail Meddal). Dingestow Court, SO451 098, S. Bosanquet & C. Preston, 9th Jul 2017, in Green Pond.
- +‡029/1.9. **Berberis darwinii** (Darwin's Barberry) (Pren Melyn Darwin). Naturalised in the hedge, Coed Medart, ST22 92, E. Wood & A. Wood, 27th Sep 2017.
- +039/4.5×6. **Quercus ×rosacea**. Newport Docks, ST30 84, E. Wood & A. Wood, 4th Oct 2017; (+) Henllan, SO29 24, S. Tyler, 20th Oct 2017; (+) Oldcastle, SO32 24, S. Tyler, 18th Jul 2017.
- +046/10.8. **Sagina maritima** (Sea Pearlwort) (Corwlyddyn Arfor). Bridge over motorway, mathern, ST50 91, E. Wood & A. Wood, 30th Apr 2017; (+) road junction in the village, St Arvans, ST51 96, E. Wood, 10th Jun 2017.
- +047/4.are. **Polygonum arenarium** (Lesser Red-knotgrass) (Y Canclwm Coch Bach). Bassaleg, ST26 86, E. Wood & S. Tyler, 27th Jun 2017; (+) around dug out pond with lots of builder's rubble, Shirenewton, ST488 927, E. Wood & A. Wood, 12th Jul 2017.
- +047/8.13.c. **Rumex crispus subsp. uliginosus**. All along the banks of the Wye, Tintern, ST53 99, E. Wood, 30th Apr 2017.
- +057/1.01. **Viola odorata var. imberbis** (Sweet Violet) (Fioled Bêr). Llan-pill wood, SO44 00, E. Wood & S. Tyler, 5th Apr 2017.
- 057/1.09. **Viola palustris** (Marsh Violet) (Fioled y Gors). Wet meadow - first record in the hectad since 1969, Llandewi Fach, ST326 968, E. Wood & A. Wood, 1st Feb 2017.
- +061/2.10×11. **Salix ×reichardtii**. Troy Orles Wood by track, Troy farm, SO51 10, S. Tyler, 13th Aug 2017.
- +061/2.11×12. **Salix ×multinervis**. Trellech, SO51 07, S. Tyler, 8th Sep 2017; (+) stream nr Lower Meend Farm, Penallt, SO51 08, S. Tyler, 4th Sep 2017.
- +062/12.6. **Rorippa amphibia** (Great Yellow-cress) (Berwr Melyn Mawr). Malpas Brook, Bettws, ST29 90, E. Wood & S. Tyler, 3rd Jul 2017.
- +‡062/30.5. **Lepidium ruderales** (Narrow-leaved Pepperwort) (Pupurlys Culddail). Bryngwyn, SO384 092, S. Tyler, 4th Jul 2017, roadside layby.
- +‡062/7.1. **Erysimum cheiranthoides** (Treacle-mustard) (Triagl Arfog). Dingestow Court, SO446 091, S. Bosanquet, Oct 2017, arable field at Dingestow Court with abundant *Stachys arvensis*, *Kickxia elatine*, field pennywort.
- +065/12.5. **Erica cinerea** (Bell Heather) (Grug y Mêl). Woodlands around Penterry - several plants, Penterry, ST52 99, E. Wood & A. Wood, 15th Jan 2017.
- +066/1.3. **Pyrola rotundifolia** (Round-leaved Wintergreen) (Glesyn-y-gaeaf Deilgrwn). Celtic Springs Business Park, Duffryn, ST282 849, S. Williams, 29th Jul 2017, under willow tree; (+) Caer licyn, ST385 931, E. Wood & A. Wood, 9th Apr 2017, on spoil in wooded gully by dual carriageway; (+) Bryn Bach Country Park near Tredegar, SO1279 0987, S. Tyler, 12th May 2017, a large patch under a willow on coal waste near Bryn Bach lake.

- +069/8/1. **Samolus valerandi** (Brookweed) (Claerlys). In seepage area on quarry of floor, Caerwent Quarry, ST47 89, E. Wood & S. Tyler, 13th Jul 2017.
- +‡073/3.1. **Sempervivum tectorum** (House-leek) (Llysiau Pen Tai). Ruined stone farmhouse, Henllan, SO29 25, S. Tyler & C. Knight, 20th Oct 2017; (+) old wall, Hoadalbert, SO39 23, S. Tyler, E. Wood & P. Williams, 30th Oct 2017.
- +‡075/12.1. **Potentilla indica** (Yellow-flowered Strawberry) (Llwyn Mefus Melyn). Naturalised in the castle grounds, Caldicot, ST49 88, E. Wood & A. Wood, 16th Sep 2017.
- +‡077/02.1. **Galega officinalis** (Goat's-rue) (Nuw'r Geifr). Along the walkway by the R. Usk, Caerleon, ST32 90, E. Wood & S. Tyler, 16th Aug 2017; (+) soil heap off the Rockfield road, Monmouth, SO50 12, H. Colls, 13th Sep 2017.
- +‡103/1.17. **Geranium macrorrhizum** (Rock Crane's-bill) (Pig-yr-aran Wreiddfawr). Campston Hill, SO37 22, E. Wood & S. Tyler, 27th Jul 2017.
- +103/1.20.‡ **Geranium purpureum** (Little-Robin) (Y Goesgoch Fach). Newport Railway Station, ST308 884, T. Rich, 2017.
- +103/2.1.‡ **Erodium maritimum** (Sea Stork's-bill) (Pig-y-crëyr Arfor). Pavements in the village, Pwllmeyric, ST51 92, E. Wood, 2nd Apr 2017.
- *107/19.2. **Oenanthe silaifolia** (Narrow-leaved Water-dropwort) (Cegiden Feinddail). Osbaston, Monmouth, SO500 140, S. Tyler, 2017, one large patch covering 3 tetrads (SO41X, SO51B, SO51C).
- +‡112/1.1. **Cuscuta campestris** (Yellow Dodder) (Llindag Melyn). Penallt Old Church, SO52 10, I. Rabjohns, det. S. Tyler, 22nd Aug 2017, appeared in garden possibly from bird seed.
- +‡117/1.bon. **Verbena bonariensis** (Argentinian Vervain) (Ferfain yr Ariannin). Cwmbran, ST29 97, E. Wood & S. Tyler, 24th Jul 2017; (+) waste ground, Caerleon, ST32 90, E. Wood & S. Tyler, 16th Aug 2017.
- +120/1.6. **Callitriche brutia**. Cross Ash, SO40 18, E. Wood & S. Tyler, 27th Feb 2017.
- +‡124/08.1. **Chaenorhinum organifolium** (Malling Toadflax) (Trwyn-y-llo Caint). Seeding in the pavements in the village, Coed-y-paen, ST33 98, E. Wood & S. Tyler, 30th Aug 2017.
- +124/20.05. **Euphrasia arctica** (Arctic Eyebright) (Effros yr Arctig). Bal bach, SO26 26, E. Wood, A. Wood & S. Tyler, 19th Aug 2017.
- +124/20.05×07. **Euphrasia arctica** × **nemorosa**. Abundant along the forestry tracks - both parents also present, Chepstow Park Wood, ST50 98, E. Wood, 2nd Sep 2017.
- +130/6.14. **Galium parisiense** (Wall Bedstraw) (Briwydd y Mur). Base of bridge over railway line, Pwll-mawr, ST23 79, E. Wood & S. Tyler, 25th Oct 2017; (+) base of wall, Garth, ST35 92, E. Wood & A. Wood, 9th Nov 2017.
- *131/2.vei. **Viburnum veitchii** (Asian Wayfaring Tree). Extensive in hedge around field, Common-y-coed, ST43 88, E. Wood, 2nd May 2017.
- +‡133/1.2. **Valerianella carinata** (Keel-ed-fruited Cornsalad) (Gwylaeth-yr-oen Ffrwythau Rhychog). Quarry floor, Caerwent Quarry, ST47 89, E. Wood & S. Tyler, 24th May 2017; (+) pavement, Monmouth, SO50 13, H. Colls, May 2017, sO5090913066.
- +135/06.8. **Cirsium acaule** (Dwarf Thistle) (Ysgallen Ddigoes). Upland grassland, Mynydd Garn-wen, SO29 05, E. Wood & S. Tyler, 27th Apr 2017.

- +135/30.4. **Filago minima** (Small Cudweed) (Edafeddog Fach). Coal tips, Bedwas, ST17 89, E. Wood, A. Wood & S. Tyler, 14th Jun 2017.
- +‡135/44.2. **Conyza sumatrensis** (Guernsey Fleabane) (Amrhydlwyd Guernsey). In pavement in the village, Tintern, SO53 01, E. Wood, 8th Oct 2017.
- +‡135/44.flo. **Conyza floribunda** (Many-flowered Fleabane). Sebastopol, ST29 98, E. Wood & A. Wood, 10th Oct 2017; (+) with Monmouthshire Botany Group on NY Plant hunt, Abergavenny west, SO29 14, E. Wood & S. Tyler, 2nd Jan 2017; (+) with Monmouthshire Botany Group on NY Plant hunt, Maindiff Abergavenny, SO30 13, E. Wood & S. Tyler, 2nd Jan 2017.
- +‡135/51.1. **Santolina chamaecyparissus** (Lavender-cotton) (Hen Wraig). Well established on the old railway line, Bassaleg, ST26 87, E. Wood & S. Tyler, 27th Jun 2017.
- +‡135/56.1. **Glebionis segetum** (Corn Marigold) (Melyn yr ŵd). Newport Docks, ST30 84, E. Wood & A. Wood, 4th Oct 2017, well established in seed mix on bank of new bridge over railway; (+) Watery Lane, SO49 12, D. Price & H. Colls, 19th Nov 2017, at SO49341202 and SO49561200.
- +‡135/62.03. **Senecio inaequidens** (Narrow-leaved Ragwort) (Creulys Gulddail). On imported rubble by the sea wall, Collister Pill, ST44 85, E. Wood & A. Wood, 19th Nov 2017.
- +‡135/80.2. **Galinsoga quadriradiata** (Shaggy-soldier) (Galinsoga Blewog). Sebastopol, ST299 995, E. Wood & A. Wood, 10th Oct 2017, edge of industrial estate; (+) Caerleon West, ST33 90, E. Wood & S. Tyler, 16th Aug 2017; (+) Mathern Oaze, ST58J, E. Wood & A. Wood, 29th Aug 2017.
- +‡138/6.1. **Lagarosiphon major** (Curly Waterweed) (Ffugalaw Crych). Crosskeys, ST23 91, E. Wood & A. Wood, 27th Sep 2017, canal; (+) Tredegar, SO12 10, E. Wood & S. Tyler, 4th Jul 2017, lake; (+) Llanvair Kilgeddin, SO34 07, S. Tyler, 8th May 2017, garden pond Orchard Farm by main road - introduced; (+) Catbrook, SO50 02, S. Tyler, 4th Jun 2017, in new lake at Broadstone Farm.
- +‡139/1.1. **Aponogeton distachyos** (Cape-pondweed) (Alaw De Affrica). Watery Lane, SO49 12, H. Colls, Mar 2017, in Wonastow Road brook; (+) Monmouth, SO50 12, H. Colls, 15th Jul 2017, in Wonastow Road brook.
- +142/1.13. **Potamogeton pusillus** (Lesser Pondweed) (Dyfrillys Eiddil). In small lake in stream valley, Trostrey, SO36 05, E. Wood & S. Tyler, 1st Aug 2017.
- +142/1.15. **Potamogeton berchtoldii** (Small Pondweed) (Dyfrillys Bach). Pen yr rheol, SO42 11, S. Tyler, 28th Aug 2017; (+) in backwater of R Monnow, Grosmont, SO4052 2569, S. Bosanquet, 18th Sep 2017.
- +‡151/1.02. **Juncus tenuis** (Slender Rush) (Brwynen Fain). Penarth Brook, SO47 04, E. Wood, 14th Sep 2017.
- +‡152/11.2. **Cyperus eragrostis** (Pale Galingale) (Ysnoden-Fair Welw). Edge of the canal, Crosskeys, ST23 91, E. Wood & A. Wood, 27th Sep 2017.
- +152/16.27. **Carex pseudocyperus** (Cyperus Sedge) (Hesgen Gynffonnog). Canal, Bettws, ST29 91, E. Wood, A. Wood & S. Tyler, 3rd Jul 2017.
- +152/16.39. **Carex laevigata** (Smooth-stalked Sedge) (Hesgen Lefn). Wet woodland, Bassaleg, ST26 86, E. Wood & S. Tyler, 27th Jun 2017.

+153/16.2. **Puccinellia distans** (Gwellt-y-morfa Atblygedig). Llandogo, SO53 05, E. Wood & A. Wood, 10th Jun 2017, bigsweir bridge.

+‡153/17.3.© **Briza maxima** (Greater Quaking-grass) (Crydwellt Mawr). Numerous plants at base of high wall near Cleddon Shoots stream, Llandogo, SO52 04, S. Tyler, 5th May 2017.

+153/21.2. **Catapodium marinum** (Sea Fern-grass) (Gwenithwellt y Morfa)). Chepstow Industrial Estate, ST53 91, S. Tyler, 17th May 2017, at side of road; (+) Bigsweir Bridge, Llandogo, SO53 05, E. Wood & A. Wood, 10th Jun 2017, at edge of bridge.

+153/46.1.‡ **Polygogon monspeliensis** (Annual Beard-grass) (Barfwellt Unflwydd). New Tredegar, SO14 03, E. Wood & S. Tyler, 15th Nov 2017, in farmyard.

+‡153/46.2. **Polygogon viridis** (Water Bent) (Barfwellt y Dŵr). Cwmbran north, ST28 97, E. Wood & S. Tyler, 24th Jul 2017; (+) Sebastopol, ST29 98, E. Wood & A. Wood, 10th Oct 2017, streets of Sebastopol; (+) Raglan, SO40 06, E. Wood & S. Tyler, 1st Aug 2017.

+‡153/66.1. **Cynodon dactylon** (Bermuda-grass) (Glaswellt Bermwda). Well established in the vineyard, Tintern, SO533 008, E. Wood & A. Wood, 3rd Oct 2017, second county record - last record 1959.

+‡153/68.1.© **Echinochloa crus-galli** (Cockspur) (Cibogwellt Rhydd). Caerleon West, ST33 90, E. Wood & S. Tyler, 16th Aug 2017; (+) Watery Lane, SO49 12, H. Colls, 27th Aug 2017, one plant in sea of Atriplex and Chenopodium at SO49251202.

+‡153/70.pum.© **Setaria pumila** (Yellow Bristle-grass) (Cibogwellt Melyn). Edge of maize field, Mathern Oaze, ST58J, E. Wood & A. Wood, 29th Aug 2017.

+©153/PAN.cap. **Panicum capillare** (Witch-grass) (Miled y Wrach). In several places around the reservoir edge with the water level very low, Llandegfedd Reservoir, ST33 99, E. Wood & S. Tyler, 30th Aug 2017.

+‡153/PAN.mil.© **Panicum miliaceum** (Common Millet) (Miled). Edge of maize field, Bettws, ST28 90, E. Wood & S. Tyler, 3rd Jul 2017; (+) Cross Ash, SO41 19, E. Wood & S. Tyler, 27th Jul 2017.

+154/1.1.c. **Sparganium erectum subsp. neglectum**. Wet depression in corner of a maize field with several other aquatics, Shirenewton, ST488 927, E. Wood & A. Wood, 12th Jul 2017.

*158/24.14. **Allium scorodoprasum** (Sand Leek) (Cenhinen y Nadroedd). Whitecastle, SO38 15, S. Tyler, Jul 2017, edge of lane in hedgerow base

GLAMORGAN, v.c.41 (comm. J.P. Woodman & B. Stewart)

☐+004/1.3. **Equisetum variegatum** (Variegated Horsetail) (Marchrawnen Fraith). Queen's Dock, Swansea (Eastern Breakwater), SS671 918, B. Stewart, 5th Apr 2017, area around quayside slipways.

⊗017/3.08×09. **Dryopteris ×deweveri**. Pen Rhiw Farm, Gelligaer, ST1126 9881, Glamorgan Botany Group, conf. F. Rumsey, 24th Sep 2017.

+027/1.1. **Ceratophyllum demersum** (Rigid Hornwort) (Cyrnddail Caled). Resolven, SN82 03, C. Hipkin & H. Hipkin, 26th May 2017.

- +‡043/1.08. **Chenopodium polyspermum** (Many-seeded Goosefoot) (Troed-yr-ŵydd Amlhadog). Amazon site, Crymlyn Burrows, SS714 934, B. Stewart, 3rd Oct 2017, ruderal vegetation.
- ⊖+046/09.1. **Moenchia erecta** (Upright Chickweed) (Clust-y-llygoden Seth). Gravelly made ground prepared for development, Coed Ely industrial plateaux, ST01811 85518, D. Barden, 10th May 2017.
- +‡047/4.6. **Polygonum rurivagum** (Cornfield Knotgrass) (Canclwm y Tir Âr). The Viel, Rhossili, SS412 876, B. Stewart, 23rd Oct 2017, arable.
- +052/1.2. **Tilia cordata** (Small-leaved Lime) (Pisgwydden Dail Bach). Leason Wood, near Llanrhidian, SS482 926, B. Stewart, 4th Nov 2017.
- ⊖+062/12.3. **Rorippa islandica** (Northern Yellow-cress) (Berwr Melyn Gogleddol). Llanrhidian Marsh, SS499 926, B. Stewart, 17th Jun 2017, Marsh Road verge.
- ⊖+062/26.1. **Hornungia petraea** (Hutchinsia) (Beryn y graig). Disused Railway Line/Coastal Path, Kenfig, SS80 82, C. Hipkin & H. Hipkin, 6th Apr 2017.
- +‡063/1.2. **Reseda alba** (White Mignonette) (Melengu Wen). Barland Quarry, Bishopston, SS576 895, M. Wilcox, 2017.
- ⊖+066/1.3.b. **Pyrola rotundifolia subsp. maritima**. Melin Mynach old colliery, Gorseinon, SS593 992, B. Stewart, 13th Jan 2017, wet area at base of colliery spoil slope, partially shaded by willows, 2m x 1m patch; (+) Cwmaman, Aberdare, SO005 002, M. Evans, 20th Oct 2017.
- *‡069/4.4. **Lysimachia ciliata** (Fringed Loosestrife) (Trewyn Eddïog). Glyncorrwg, SS87 98, C. Hipkin & H. Hipkin, 18th Jul 2017, probably originating from plants planted around perimeter of Glyncorrwg Ponds.
- +‡073/1.3. **Crassula helmsii** (New Zealand Pigmyweed) (Corchwyn Seland Newydd). Aberpergwm, SN85 05, C. Hipkin & H. Hipkin, 16th Jun 2017, abundant in section of Neath Canal at Aberpergwm.
- +‡077/02.1. **Galega officinalis** (Goat's-rue) (Nuw'r Geifr). Morryston Hospital car park, SN661 000, B. Stewart, 10th Aug 2017.
- +077/15.08. **Lathyrus sylvestris** (Narrow-leaved Everlasting-pea) (Ytbysen Fythol Gulddail). Mynydd Aberdâr, SO008 061, M. Evans, 20th Oct 2017.
- +077/19.20. **Trifolium striatum** (Knotted Clover) (Meillionen Rychog). land between King's Dock and Queen's Dock, Swansea, SS678 925, B. Stewart, 5th Apr 2017, ruderal vegetation.
- +‡079/2.2. **Myriophyllum aquaticum** (Parrot's-feather) (Pluen Parot). Cymmer, SS8612 9717, G. Cobbold, 27th Dec 2017.
- *‡083/LEP.sco. **Leptospermum scoparium** (Broom Tea-tree) (Llwyn te). Duffryn Rhondda, NPT DYFi1 pSINC, SS838 957, B. Stewart, 23rd Sep 2017, established bush amongst native scrub, possibly self-seeded.
- +‡103/1.14. **Geranium pyrenaicum** (Hedgerow Crane's-bill) (Pig-yr-aran y Gwrych). Marsh Road, Llanrhidian, SS499 925, B. Stewart, 17th Jun 2017, verge.
- ⊗118/25.4. **Salvia verbenaca** (Wild Clary) (Clari Gwyllt). Crymlyn Burrows West, SS70 92, B. Sampson & E. Sampson, 13th Jul 2017.
- +120/1.4. **Callitriche platycarpa** (Various-leaved Water-starwort) (Brigwlydd y Gwanwyn). Resolven - Neath Canal & surrounds, SN83 03, C. Hipkin & H. Hipkin, 26th May 2017.

- +120/1.6.bru. **Callitriche brutia subsp. brutia** (Pedunculate Water-starwort) (Brigwlydd Coesog). Glynccorrwg, SS87 98, C. Hipkin & H. Hipkin, 24th May 2017.
- +120/1.7. **Callitriche brutia var. hamulata** (Intermediate Water-starwort) (Brigwlydd Canolig). Glynccorrwg, SS87 98, C. Hipkin & H. Hipkin, 18th Jul 2017.
- +130/6.07. **Galium album** (Hedge Bedstraw) (Briwydd y Clawdd). Land between King's Dock and Queen's Dock, Swansea, SS679 925, B. Stewart, 5th Apr 2017, ruderal vegetation.
- +‡135/27.4.a. **Pilosella praealta subsp. praealta**. Ecolab wasteground, Baglan, SS738 934, B. Stewart, 26th Sep 2017; (+) Bryn (East), SS82 92, C. Hipkin & H. Hipkin, 2nd Jun 2017.
- +151/1.06. **Juncus foliosus** (Leafy Rush) (Brwynen Ddeiliog). Gelligaer Common, ST1126 9881, Glamorgan Botany Group, det. T. Rich, 24th Sep 2017.
- +151/2.3. **Luzula sylvatica** (Great Wood-rush) (Coedfrwynen Fawr). Graig Fawr, Margam, SS798 867, B. Stewart, 23rd Apr 2017.
- ⊕+152/16.27. **Carex pseudocyperus** (Cyperus Sedge) (Hesgen Gynffonnog). Witford Point, Baglan Burrows, SS727 922, B. Stewart, 7th Aug 2017, wet woodland.
- +152/16.68 **Carex elata** (Tufted-sedge) (Hesgen Duswog). Dyffryn Cellwen and Gors Llwyn, SN85 10, C. Hipkin & H. Hipkin, 1st May 2017.
- +‡153/12.15. **Festuca brevipila** (Hard Fescue) (Peiswellt Caled). Witford Point, Baglan Burrows, SS722 925, B. Stewart, 4th Jul 2017, embryo dunes.
- +153/18.01. **Poa infirma** (Early Meadow-grass) (Gweunwellt Cynnar). Port Eynon, SS46 85, C. Hipkin & H. Hipkin, 25th May 2017, on sandy, trampled ground in car park area; (+) Crymlyn Burrows, SS69 93, C. Hipkin & H. Hipkin, 19th May 2017, in damp sandy mud around ephemeral pool on Bay Campus.
- +153/26.1. **Avenula pubescens** (Downy Oat-grass) (Ceirchwellt Blewog). Mynydd Corrwg Fechan, SN88 00, C. Hipkin & H. Hipkin, 18th Jun 2017, in grassy edge of forest road.
- +‡153/46.2. **Polygogon viridis** (Water Bent) (Barfwellt y Dŵr). Langland, SS605 873, B. Stewart, 30th Oct 2017.
- +153/56.1×2. **Elytrigia ×drucei**. Witford Point, Baglan Burrows, SS726 920, B. Stewart, 23rd Aug 2017, dune grassland on limestone chippings.
- +©153/SEC.cer. **Secale cereale** (Rye) (Rhyg). The Viel, Rhossili, SS410 876, B. Stewart, 23rd Oct 2017, contaminant in Lucerne crop.
- +‡158/24.07. **Allium triquetrum** (Three-cornered Garlic) (Garlleg Trionglog). Ystalyfera, SN76 08, C. Hipkin & H. Hipkin, 26th Apr 2017.
- +‡159/02.2. **Sisyrinchium montanum** (American Blue-eyed-grass) (Sisirinciwm y Mynydd). Baglan Energy Park (north), SS73 93, C. Hipkin & H. Hipkin, 15th Nov 2017.
- ⊕+162/03.7. **Epipactis phyllanthes** (Green-flowered Helleborine) (Y Galdrist Felynwerdd). Red Jacket Pill and Old Iron Works Site, Baglan, SS72 94, C. Hipkin & H. Hipkin, 13th Jul 2017, at edge of Tennant Canal tow path among brambles.
- +162/14.1. **Anacamptis pyramidalis** (Pyramidal Orchid) (Tegeirian Bera). Riverside Industrial Estate (SINC), Pontardawe, SN7355 0482, NPT CBC Biodiversity Unit, 29th Aug 2017

BRECON, v.c.42 (comm. M. Porter & J. Crellin)

- +001/3.1. **Lycopodium clavatum** (Stag's-horn Clubmoss) (Cnwp-fwsogl Corn Carw). North of Crug Mawr, SO26 23, G. S. Motley, 7th Feb 2017, small patch with cones by forest track.
- ☐+004/1.1. **Equisetum hyemale** (Rough Horsetail) (Marchrawnen y Gaeaf). Nant Sere, SO03 23, A. Bateman, 12th May 2017, many stems along about 10m of river bank up to about 5m away. Third record for vc42, **Herb J.R.C**
- +‡020/1.1.© **Abies alba** (European Silver-fir) (Ffynidwydden Arian). Glangrwyney, SO24 16, T. Rich, 11th Mar 2017.
- *028/03.1. **Helleborus foetidus** (Stinking Hellebore) (Crafanc-yr-arth Ddrewllyd). Glangrwyney, SO24 16, T. Rich, 11th Mar 2017.
- +046/10.7. **Sagina apetala** (Annual Pearlwort) (Corwlyddyn Unflwydd). Crofte, SN90 36, J. Crellin, 17th Aug 2017.
- +‡051/1.03×04. **Hypericum androsaemum** × **H. hircinum** = **H. ×inodorum** (Tall Tutsan) (Dail-y-Beiblau Tal). Glangrwyney, River Usk Bank, SO24 16, T. Rich, 11th Mar 2017.
- +†061/2.03. **Salix alba** (White Willow) (Helygen Wen). Millbrook Farm, SO08 27, J. Crellin, 20th Jul 2017, usk Bank.
- +062/22.2. **Erophila verna** (Common Whitlowgrass) (Llyisiau'r-bystwn Cynnar). Bridge over Cilieni, SN90 36, J. Crellin, 20th Apr 2017.
- *†062/30.5. **Lepidium ruderales** (Narrow-leaved Pepperwort) (Pupurlys Culddail). A40 Roadside, SO08 27, H. Colls, 20th Jul 2017, 2nd record for vc42 and first since 1890, **Herb J.R.C**
- +‡065/02.1. **Rhododendron ponticum** (Rhododendron) (Rhododendron). Grwyne Fawr Dam, SO23 30, J. Crellin, 30th May 2017.
- +075/21.18. **Rosa rubiginosa** (Sweet-briar) (Drysiën Bêr). Rhiw, SN92 36, J. Crellin, 15th Sep 2017.
- +‡080/1.1. **Gunnera tinctoria** (Giant-rhubarb) (Rheonllys Mawr). Y Gaer, SO00 29, J. Crellin, 7th Sep 2017, woodland near the Usk.
- +‡089/1.1×per. **Ilex ×altaclerensis** (**I. aquifolium** × **I. perado**) (Highclere Holly) (Celynnen Highclere). Nant y Gwreiddyn, SN95 29, J. Crellin, 1st Jun 2017, field edge.
- 121/1.3.b. **Plantago major subsp. intermedia**. Llangors lake edge, SO12 26, J. Crellin, 13th Jul 2017.
- ☐+†131/1.4. **Sambucus ebulus** (Dwarf Elder) (Ysgawen Fair). Green lane above Llangattock, SO20 17, S. Coates, 10th Jun 2017, welcome rediscovery; Danewort was reported from Llangattock in 1950.
- +‡135/11.2. **Centaurea montana** (Perennial Cornflower) (Y Benlas Luosflwydd). Lane near Pistyll Wood, SO11 27, J. Crellin, 29th Apr 2017, established along the lane.
- +†135/17.1. **Helminthotheca echioides** (Bristly Oxtongue) (Tafod-y-llew Gwrychog). Brecon Theatre Car Park, SO04 28, A. Griffiths, 16th Sep 2017.
- +‡135/69.1. **Doronicum pardalianches** (Leopard's-bane) (Llyisiau'r Llewpart). Hedge near Ty Mawr, SN95 28, J. Crellin, 1st Jun 2017, in roadside hedgerow, was previously reported at Penpont estate.

+152/16.18. **Carex dioica** (Dioecious Sedge) (Hesgen Ysgar). Flushes above Grwyne Fawr Dam, SO24 30, G. S. Motley, 5th Jul 2017, extension of range in vc42 - first record from Black Mountains.

+152/16.46.a. **Carex lepidocarpa** (Long-stalked Yellow-sedge). Blaencrai, SN88 22, J. Crellin, 26th Jul 2017.

+153/24.1. **Glyceria maxima** (Reed Sweet-grass) (Melyswellt y Gamlas). Old Railway Line Cray, SN88 21, J. Crellin, 26th Jul 2017, large patch just by the bridge.

*‡153/68.1. **Echinochloa crus-galli** (Cockspur) (Cibogwellt Rhydd). Pengilfach, SO21P, H. Colls, 19th Sep 2017.

+‡158/31.1.b. **Leucojum aestivum subsp. pulchellum**. Glangrwyney, River Usk Bank, SO24 16, T. Rich, 11th Mar 2017, **Herb NMW**

*‡158/33.1×6. **Narcissus ×cyclazetta (N. tazetta × N. cyclamineus)** (Head-to-head Daffodil). Craig y Fro, SN97 20, T.C.G.Rich, 15th Mar 2017

RADNOR, v.c.43 (comm. E.R. Dean & S.M. Spencer)

*©075/22.01. **Prunus persica** (Peach) (Coeden Eirin Gwlanog). Llandrindod Wells, SO06 60, R. G. Woods, Jun 2017, sapling at edge of pavement below rock outcrop at N end of Llandrindod Lake.

*‡103/1.13×pla. **Geranium ×magnificum** (Purple Crane's-bill) (Pig-yr-aran Borffor). Llandrindod Wells, SO06 60, R. G. Woods, Jun 2017, beside long abandoned rock garden near Llandrindod Lake.

*‡147/2.1. **Lysichiton americanus** (American Skunk-cabbage) (Pidyn-y-gog Americanaidd). Llandrindod Wells, SO06 60, R. G. Woods, Jun 2017, scores of plants in basin mire south of Llandrindod Lake.

*‡158/24.07. **Allium triquetrum** (Three-cornered Garlic) (Garleg Trionglog). Fron Wood, SO19 41, E. Dean & S. Spencer, 23rd Apr 2017, streamside in Fron Wood and Llowes village.

*162/18.2×4. **Dactylorhiza ×hallii**. Portway meadows Rhos Goch, SO19 48, D. Drewitt, 6th Jul 2017.

CARMARTHEN, v.c.44 (comm. R.D. Pryce)

+005/2.1. **Botrychium lunaria** (Moonwort) (Lloer-redynen). Garn Ganol, Crwbin, SN46843 12800, R.D. Pryce & K.A. Pryce, 24th Jun 2017, about 14 spore-producing plants between 10cm and 20cm tall in open ash/hazel woodland.

+011/1. **Polypodium cambricum** (Southern Polypody) (Llawredynen Gymreig). Fernhill, Laugharne, SN29987 10843, A. Copping, R.A. Jones & M.O. Stead, det. M.O. Stead, 30th Jun 2017, left side of gateway.

+017/1.1×2. **Polystichum ×bicknellii**. Garn Ganol, Crwbin, SN4706- 1278-, R.D. Pryce & K.A. Pryce, 1st Mar 2017, by low (1.5m) limestone cliff in hazel-dominated woodland edge with ash standards.

+‡024B/HOU.cor. **Houttuynia cordata**. Ffos-y-broga, Cwrt Henry, SN5505- 2316-, R.D. Pryce & K.A. Pryce, 18th Jul 2017, well naturalised and extensively spreading in garden

- +028/13.03. **Ranunculus bulbosus** (Bulbous Buttercup) (Blodyn-y-menyn Bondew). Graigwrtheyrn, nr. Llandysul, SN4358- 4036-, A.O. Chater, R.D. Pryce & K.A. Pryce, 12th May 2017, in neutral grassland on lower river terrace adjacent to Teifi.
- +†030/1.5.b. **Papaver dubium subsp. lecoqii** (Yellow-juiced Poppy). Laugharne, SN30- 10-, R.A. Jones, M.O. Stead & D. Williams, 1st Jul 2017,
- +033/1.1.1. **Ulmus glabra** (Wych Elm) (Llwyfen Lydanddail). Former Pontrilas works, North Dock, Llanelli, SS49700 99917, R.D. Pryce, 18th May 2017, apparently self-established 'bush' adjacent to (NE side) tree of *U. minor* Mill. 'sarniensis' (which was determined by Max Coleman on 19/6/2008; Herb. NMW).
- +039/4.5×6. **Quercus ×rosacea**. Graigwrtheyrn, nr. Llandysul, SN4307- 4075-, A.O. Chater, R.D. Pryce & K.A. Pryce, 12th May 2017, in small, wooded side valley south of Afon Teifi.
- +039/4.6. **Quercus robur** (Pedunculate Oak) (Derwen Mes Coesynnog). Derelict ground west of North Dock, Llanelli, SS4963- 9976-, R.D. Pryce, 28th Oct 2017, small tree established in rank grass area with colonizing scrub. First record for VC44 part of hectad.
- +040/1.1. **Betula pendula** (Silver Birch) (Bedwen Arian). Former Pontrilas works, North Dock, Llanelli, SS49659 99886, R.D. Pryce, 18th May 2017, self sown by building. First record for VC44 part of hectad.
- +046/05.4. **Stellaria neglecta** (Greater Chickweed) (Gwlyddyn-y-dom Mawr). Pembrey Country Park, SS4017- 9996-, R.D. Pryce & K.A. Pryce, det. R.D. Pryce, 4th May 2017, on sandy edges of tarmac road through dunes north from kiosk. First record for VC44 part of hectad.
- +046/10.8. **Sagina maritima** (Sea Pearlwort) (Corwlyddyn Arfor). Pembrey Burrows LNR, SS4248- 9945-, BSBI Meeting, det. G.M. Kay, 27th Jun 2017, in upper saltmarsh.
- +046/11.2 **Scleranthus annuus** (Annual Knawel) (Dinodd Unflwydd). Hugdon Hill, Laugharne, SN290 102, M.O. Stead & D. Williams, 1st Jul 2017, locally abundant along c.300m of gravel-surfaced farm track between SN28927 10436 and SN29063 10250, 2nd post-2000 VC record. Another small population discovered on the track at SN29031 10181 by R.D. Pryce & K.A. Pryce on 27th July 2017, **Herb. NMW**
- +‡047/1.07. **Persicaria amplexicaulis** (Red Bistort) (Y Ganwraidd Goch). Bigyn, Llanelli: side lane south of Coronation Road, SS51263 99865, Llanelli Naturalists, leaders I.K. Morgan & R.D. Pryce, det. I.K. Morgan, 2nd Sep 2017, growing through expansion joint in concrete block boundary wall. 2nd VCR.
- +047/1.14. **Persicaria hydropiper** (Water-pepper) (Y Dinboeth). Pembrey Burrows LNR, fen to east of "Jim Davies' Pond", SS4238- 9944-, BSBI Meeting, 27th Jun 2017. First record for vc44 part of hectad.
- 050/1.1. **Elatine hexandra** (Six-stamened Waterwort) (Gwybybyr Chwebrigerog). Pen-y-Ddinas Quarry, Llansawel, SN628 358, A.O. Chater & R.D. Pryce, det. A.O. Chater, 2nd Jul 2017, abundant tiny plants in shallow quarry pools.
- +‡051/1.01. **Hypericum calycinum** (Rose-of-Sharon) (Rhosyn Saron). Ffarmers, SN6497- 4454-, A.O. Chater, G.M. Kay, R.D. Pryce & K.A. Pryce, 30th Jun 2017, roadside; (+) Cefn Llan, SW of Cyngordy, SN7909- 3883-, G.M. Kay, M. Smith, B.J. Wright & D.J. Wright, 1st Jul 2017, escaped outside garden. Also at SN 789 385.

- +057/1.01. **Viola odorata** (Sweet Violet) (Fioled Bêr). Llansadurnen, SN28- 10-, M.O. Stead & D. Williams, 1st Jul 2017.
- +057/1.05. **Viola reichenbachiana** (Early Dog-violet) (Fioled y Coed). Pigeon House Wood, Aberglasney Gardens, SN58033 22014, R.D. Pryce & K.A. Pryce, 4th Apr 2017.
- +©061/2.06. **Salix daphnoides** (European Violet-willow) (Helygen Borffor). Talley Lakes, SN6337- 3305-, BSBI Meeting, det. A.O. Chater & P. Spencer-Vellacott, 29th Jun 2017, in hedge.
- +‡062/14.cor. **Cardamine corymbosa** (New Zealand Bitter-cress) (Berwr Chwerw Seland Newydd). Glynhir Mansion, Llandybie, SN63944 15113, M.O. Stead & G.M. Kay, 1st Jul 2017, many tiny plants in cobbled courtyard; (+) Tydwr, Ffarmers, SN66426 45122, A.O. Chater, G.M. Kay, R.D. Pryce & K.A. Pryce, 30th Jun 2017, weed in polytunnel.
- +‡062/34.2.a. **Brassica napus subsp. oleifera** (Oil-seed Rape) (Rêp Had Olew). Pembrey Country Park, SS41026 99791, R.D. Pryce, 2nd May 2017, low bund adjacent to north east corner of road junction; (+) Graigwrtheyrn, nr. Llandysul, SN4334- 4006-, A.O. Chater, R.D. Pryce & K.A. Pryce, 12th May 2017, farmyard.
- +069/6.1. **Anagallis tenella** (Bog Pimpernel) (Gwlyddyn-Mair y Gors). S of Bynea, SS5334- 9877-, B. Stewart, 14th Jul 2017, by attenuation pond on N. side of roundabout near WWT Penclacwydd entrance.
- +069/8/1. **Samolus valerandi** (Brookweed) (Claerlys). Pembrey Burrows LNR: fen east of "Jim Davies' Pond", SS4238- 9944-, R.D. Pryce, 27th Jun 2017. First record for VC44 part of hectad.
- +‡073/5.7. **Sedum spurium** (Caucasian-stonecrop) (Briweg y Cawcasws). Llansadurnen, SN28- 10-, M.O. Stead & D. Williams, 1st Jul 2017.
- +‡074/03.1. **Bergenia crassifolia** (Elephant-ears) (Clustiau Eliffant). Llanfynydd, SN5587- 2728-, R.D. Pryce & K.A. Pryce, 29th Apr 2017, naturalized on grassy roadside verge between graveyard and chapel.
- +074/05.15. **Saxifraga granulata** (Meadow Saxifrage) (Tormaen y Gweunydd). Banc Melyn, Mynydd Du, SN70728 19124, R.D. Pryce & K.A. Pryce, 7th May 2017, locally frequent in heavily sheep-grazed upland calcareous grassland. Also at SN 7072- 1911-, SN 7073- 1910-, SN 7072 19078 and SN 7070- 1906-. *Saxifraga hypnoides* also present.
- +‡074/08.1. **Tellima grandiflora** (Fringecups) (Clychau'r Clawdd). The Laques Stream, Laugharne, SN296 107, A. Copping, R.A. Jones & M.O. Stead, 30th Jun 2017, abundant along side of stream.
- +‡075/03.1×3. **Spiraea ×pseudosalicifolia** (Confused Bridewort) (Ffug Erwain-dail-helyg). Llanpumsaint, SN415 295, G.M. Kay, D. Williams & K.A. Pryce, det. G.M. Kay, 2nd Jul 2017, by railway bridge.
- +075/08.14.321. **Rubus caesius** (Llwyn Mwyar Mair). Cwmcowddu, Llanwrda, SN7215- 3090-, R.D. Pryce & K.A. Pryce, 18th Apr 2017, in scrubby hedgerow near recently abandoned Cnwc farmhouse.
- +‡075/11.3. **Fragaria ananassa** (Garden Strawberry) (Llwyn Mefus y Gerddi). Pumsaint, SN6567- 4052-, R.D. Pryce & K.A. Pryce, 25th Mar 2017, escaped from garden on to roadside bank. Also recorded by RDP at SN 6033- 4405- on 24th August 2017.

- +‡075/19.15. **Alchemilla mollis** (Garden Lady's-mantle) (Mantell-Fair y Gerddi). WWBIC office garden, Whitland, SN19828 15086, R.D. Pryce, 20th Apr 2017, self sown.
- +075/21.18. **Rosa rubiginosa** (Sweet-briar) (Drysiën Bêr). North Dock L.N.R., Llanelli, SS498 992, I.K. Morgan, 14th Jun 2017, one well-established suckering shrub on E side of main track along dune spit.
- +075/28.24. **Sorbus torminalis** (Wild Service-tree) (Cerddinen Wyllt). Tydwr, Ffarmers, SN6645- 4509-, A.O. Chater, G.M. Kay, R.D. Pryce & K.A. Pryce, 30th Jun 2017, medium-sized tree in laneside hedge.
- ⊕‡077/02.1. **Galega officinalis** (Goat's-rue) (Nuw'r Geifr). Established on roadside verge, Kidwelly Flats, SN4117- 0499. B. Stewart & R.D. Pryce, 16th April 2015, 2nd VC record and the first since Mrs I.M. Vaughan's c.1970 record which referred to a population probably established from a planting made at the Royal Ordnance Factory, Pembrey.
- +077/07.1. **Anthyllis vulneraria** (Kidney Vetch) (Plucen Felen). Nr. Ochr-y-fforest, S of Rhandirmwyn, SN77- 39-, G.M. Kay, 26th Jun 2017, 1st post 2000 record north of the Tywi.
- +077/14.06. **Vicia hirsuta** (Hairy Tare) (Ffacbysen Flewog). Tydwr, Ffarmers, SN6645- 4509-, A.O. Chater, G.M. Kay, R.D. Pryce & K.A. Pryce, 30th Jun 2017, on gravelly roadside and also polytunnel weed.
- +‡077/15.09. **Lathyrus latifolius** (Broad-leaved Everlasting-pea) (Ytbysen Fythol Lydanddail). RAF Pembrey Sands AWR, Tywyn Burrows, SN3651- 0448-, R.D. Pryce & K.A. Pryce, 12th Aug 2017, also scattered in other parts of this site.
- +084/1.07. **Epilobium roseum** (Pale Willowherb) (Helyglys Gwelw). Bigyn Park Terrace, Llanelli, SS5095- 9986-, I.K. Morgan & R.D. Pryce, det. R.D. Pryce, 2nd Sep 2017, a few plants along base of chain-link allotment boundary fence.
- +‡084/4.1. **Oenothera glazioviana** (Large-flowered Evening-primrose) (Melyn-yr-hwyr Mawr). Roadside south of Ffarmers, SN6497- 4454-, A.O. Chater, G.M. Kay, R.D. Pryce & K.A. Pryce, 30th Jun 2017.
- +084/4.1×4.‡ **Oenothera ×britannica**. Pembrey Burrows LNR, SS4135- 9937-, BSBI Meeting, 27th Jun 2017, on north edge of disused car-park.
- +‡084/4.3. **Oenothera biennis** (Common Evening-primrose) (Melyn yr Hwyr). Gwarcwm, Llanpumsaint, SN4177- 2843-, G.M. Kay, D. Williams & K.A. Pryce, det. G.M. Kay, 2nd Jul 2017, woodland edge.
- +†091/2.11. **Euphorbia peplus** (Petty Spurge) (Llaethlys Bach). Tydwr, Ffarmers, SN66426 45122, A.O. Chater, G.M. Kay, R.D. Pryce & K.A. Pryce, 30th Jun 2017, weed in polytunnel.
- +‡103/1.01×02. **Geranium ×oxonianum** (Druce's Crane's-bill) (Pig-yr-aran Druce). The Laques, Laugharne, SN296 107, A. Copping, R.A. Jones & M.O. Stead, 30th Jun 2017.
- +103/1.07. **Geranium pratense** (Meadow Crane's-bill) (Pig-yr-aran y Weirglodd). Rhyddgoed-fawr tetrad S of Newcastle Emlyn, SN33j, A. Copping, M. Smith, B.J. Wright & D.J. Wright, 2nd Jul 2017.

- +108/3.2. **Centaureum erythraea** (Common Centaury) (Y Ganrhi Goch). Tydwr, Ffarmers, SN6645- 4509-, A.O. Chater, G.M. Kay, R.D. Pryce & K.A. Pryce, 30th Jun 2017, on gravel-surfaced track.
- +‡109/1.3. **Vinca major** (Greater Periwinkle) (Perfagl Fawr). Pembrey Country Park, SS40123 99945, R.D. Pryce & K.A. Pryce, 4th May 2017, escaped plants originating from plantings on west side of cafe/shelter area.
- +‡110/1.1.© **Nicandra physalodes** (Apple-of-Peru) (Afal Periw). Tydwr, Ffarmers, SN66426 45122, A.O. Chater, G.M. Kay, R.D. Pryce & K.A. Pryce, 30th Jun 2017, three self-sown plants in polytunnel.
- +‡110/8.7.© **Solanum tuberosum** (Potato) (Taten). Cae Blaen Dyffryn, SE of Lampeter, SN6031- 4408-, R.D. Pryce, 24th Aug 2017, occasional in disturbed ground on inside of sharp bend in A482 road.
- +111/3.2.a.col. **Calystegia sepium subsp. sepium f. colorata**. RAF Pembrey Sands AWR, Tywyn Burrows, SN3663- 0461-, R.D. Pryce, 25th Aug 2017, rank slack vegetation with colonising willow and alder scrub up to about 3m tall.
- +‡111/3.3. **Calystegia pulchra** (Hairy Bindweed) (Taglys Blewog). Llansadurnen, SN28- 10-, M.O. Stead & D. Williams, 1st Jul 2017.
- +116/01.2. **Lithospermum officinale** (Common Gromwell) (Maenhad). Pembrey Burrows LNR, SS4123- 9957-, BSBI Meeting, 27th Jun 2017, in rank dune grassland/tall-herb/scattered-scrub. Also at SS 4158- 9963-.
- +116/15.07.‡ **Myosotis sylvatica** (Wood Forget-me-not) (Sgorpionllys y Coed). Former Pontrilas works, North Dock, Llanelli, SS4966- 9999-, R.D. Pryce, 18th May 2017, a few self-sown plants at NE corner of building.
- +118/14.1. **Glechoma hederacea** (Ground-ivy) (Eidral). Pembrey Country Park, SS4015- 9998-, R.D. Pryce & K.A. Pryce, 4th May 2017, dune summit dominated by *Festuca rubra* with colonising *Hippophae rhamnoides* and *Urtica dioica*. First record for VC44 part of herctad.
- +118/18.2. **Clinopodium ascendens** (Common Calamint) (Brenhinllys). Crescent Road, Llandeilo, SN63131 22441, R.D. Pryce, 9th Sep 2017, one robust flowering plant on south side of gravel-surfaced track between Civic Hall and Capel Newydd.
- +119/1.1. **Hippuris vulgaris** (Mare's-tail) (Rhawn y Gaseg). “Jim Davies' Pond”, Pembrey Burrows LNR, SS4233- 9941-, BSBI Meeting, 27th Jun 2017, growing in now, very eutrophic water used by cattle to drink and wade with wide, poached margins devoid of vegetation. First record for VC44 part of hectad.
- +†124/13.4. **Linaria repens** (Pale Toadflax) (Llin-y-llyffant Gwelw). Tydwr, Ffarmers, SN6645- 4509-, A.O. Chater, G.M. Kay, R.D. Pryce & K.A. Pryce, 30th Jun 2017, growing by track.
- +124/20.07×09. **Euphrasia nemorosa** × **confusa**. Pen-y-Ddinas Quarry, Llansawel, SN6269- 3551-, R.D. Pryce, A.O. Chater, B. Gale & P. Gale, det. A.O. Chater, 2nd Jul 2017, frequent in short grassland.
- +130/6.10. **Galium saxatile** (Heath Bedstraw) (Briwydd Wen). Graigwrtheyrn hill fort, nr. Llandysul, SN4334- 4030-, A.O. Chater, R.D. Pryce & K.A. Pryce, 12th May 2017, on small, north-east facing acid rock outcrops. First record for VC44 part of hectad.

- +‡131/5.1. **Leycesteria formosa** (Himalayan Honeysuckle) (Bachgen Llwm). The Laques, Laugharne, SN296 107, A. Copping, R.A. Jones & M.O. Stead, 30th Jun 2017, growing on wall near houses.
- +134/3.1. **Knautia arvensis** (Field Scabious) (Clafrllys y Maes). Bynea, SS5525- 9831- , B. Stewart & S. Stewart, 1st Jul 2017, at least 12 plants along verge on N side of main road about 50m each side of cycleway bridge. Grid ref is approximately in the centre of the population.
- +135/22.2. **Lactuca virosa** (Great Lettuce) (Letusen Chwerw). South Avenue, Trostre, Llanelli, SS520 992, I.K. Morgan, 12th Jun 2017, one tall plant at corner of road junction.
- All the following *Taraxacum* records were determined by A.J. Richards in Dec 2017:
- +135/25.01.13. **Taraxacum glauciniforme** (Many-toothed Dandelion). Banc Melyn, Mynydd Du, SN70728 19124, R.D. Pryce & K.A. Pryce, 7th May 2017, 2nd VCR, Herb. **NMW**
- +135/25.01.16. **Taraxacum oxoniense** (Oxford Dandelion). Dryslwyn castle mound, SN5531- 2026-, R.D. Pryce & K.A. Pryce, 20th May 2017, also at SN 55309 20288 and SN 55360 20287, Herb. **NMW**
- +135/25.05.41. **Taraxacum naevosiforme** (Wetland Dandelion). Machynys, Llanelli: Delta Lakes site, SS50938 98474, R.D. Pryce, 15th Apr 2017, 2nd VCR, Herb. **NMW**
- +135/25.07.59 **Taraxacum celticum** (Celtic Dandelion). Glanlash, nr. Llandybie, SN61377 13829, R.D. Pryce, 25th Apr 2017, Herb. **NMW**
- +135/25.07.60. **Taraxacum duplidentifrons** (Double-toothed Dandelion). Glanlash, nr. Llandybie, SN6171- 1392-, R.D. Pryce, 25th Apr 2017, Herb. **NMW**
- +135/25.07.64. **Taraxacum gelertii** (Gelert's Dandelion). SE of Goetre-fach farm, Hendy, SN56810 04484, R.D. Pryce & K.A. Pryce, 1st Apr 2017, Herb. **NMW**
- +135/25.07.70. **Taraxacum landmarkii** (Landmark Dandelion). Garn Ganol, Crwbin, SN47265 12595, R.D. Pryce & K.A. Pryce, 22nd May 2017, Herb. **NMW**; (+) Graigwrtheyrn, nr. Llandysul, SN43320 40606, A.O. Chater, R.D. Pryce & K.A. Pryce, 12th May 2017, 2nd VCR, Herb. **NMW**
- +135/25.07.72. **Taraxacum nordstedtii** (Nordstedt's Dandelion). Graigwrtheyrn, nr. Llandysul, SN4351- 4038-, A.O. Chater, R.D. Pryce & K.A. Pryce, 12th May 2017, Herb. **NMW**
- +135/25.07.73. **Taraxacum oellgaardii** (Ollgaard's Dandelion). Lanlash, Broad Oak, SN56988 22117, R. Plummer, R.D. Pryce & K.A. Pryce, 6th May 2017, Herb. **NMW**; (+) Tylau-Hywel, nr. Llanwrda, SN71959 30579, R.D. Pryce & K.A. Pryce, 18th Apr 2017, Herb. **NMW**
- +135/25.07.78. **Taraxacum porteri** (Porter's Dandelion). SE of Penrhos Isaf, Llanfynydd, SN56231 26359, R.D. Pryce & K.A. Pryce, 29th Apr 2017, Herb. **NMW**
- +135/25.07.80. **Taraxacum subbracteatum** (Dark-bracted Dandelion). Cwmcowddu, Llanwrda, SN72353 31182, R.D. Pryce & K.A. Pryce, 18th Apr 2017, Herb. **NMW**
- +‡135/25.08.100. **Taraxacum spiculatum** (Sagittate-lobed Dandelion). Machynys, Llanelli: Delta Lakes site, SS50921 98648, R.D. Pryce, 15th Apr 2017, 2nd VCR, Herb. **NMW**

- +135/25.08.101. **Taraxacum subhamatum** (Large Hook-lobed Dandelion). WWT Penclacwydd: Swan Nest Maze area, SS53775 97976, R.D. Pryce, 30th Mar 2017, Herb. **NMW**
- +135/25.08.85. **Taraxacum boekmanii** (Bokman's Dandelion). WWBIC office garden, Whitland, SN19825 15080, R.D. Pryce, 20th Apr 2017, Herb. **NMW**
- +135/25.08.87. **Taraxacum hamatiforme** (Asymmetrical Hook-lobed Dandelion). Castle Ely Bridge, south of Tavernspite, SN19176 10664, R.D. Pryce, 20th Apr 2017, Herb. **NMW**
- +135/25.08.88. **Taraxacum hamatulium** (Slender Hook-lobed Dandelion). Pen-y-Dinas Quarry Llansawel, SN6267- 3546-, R.D. Pryce & K.A. Pryce, 25th Mar 2017, Herb. **NMW**
- +135/25.08.89 **Taraxacum hamatum** (Hook-lobed Dandelion). Pembrey Country Park, SS4049- 9990-, R.D. Pryce, 2nd May 2017, Herb. **NMW**; (+) Lanlash, Broad Oak, SN57023 22111, R. Plummer, R.D. Pryce & K.A. Pryce, 6th May 2017, Herb. **NMW**
- +135/25.08.90. **Taraxacum hamiferum** (Dark Hook-lobed Dandelion). Machynys, Llanelli: Delta Lakes site, SS50936 98473, R.D. Pryce, 15th Apr 2017, Herb. **NMW**; (+) NW of Tavernspite, SN18765 13301, R.D. Pryce, 20th Apr 2017, Herb. **NMW**; (+) Bancyffordd Church, SN40411 37793, R.D. Pryce & K.A. Pryce, 8th Apr 2017, Herb. **NMW**
- *‡135/25.08.91. **Taraxacum kernianum** (Kern's Dandelion). Hebron Chapel, nr. Bwlchyddwyros, SN41671 35641, R.D. Pryce & K.A. Pryce, 8th Apr 2017, 1st VCR, Herb. **NMW**; (+) Glanlash, nr. Llandybie, SN61377 13827, R.D. Pryce, 25th Apr 2017, 2nd VCR, Herb. **NMW**
- +‡135/25.08.92. **Taraxacum lamprophyllum** (Lustrous-leaved Dandelion). Pumsaint, SN65643 40600, R.D. Pryce & K.A. Pryce, 25th Mar 2017, Herb. **NMW**
- +135/25.08.94. **Taraxacum marklundii** (Marklund's Dandelion). Garn Ganol, Crwbin, SN46913 12613, R.D. Pryce & K.A. Pryce, 9th Apr 2017, Herb. **NMW**
- +135/25.08.99. **Taraxacum quadrans** (Fleshy-lobed Dandelion). Garn Ganol, Crwbin, SN47080 12612, R.D. Pryce & K.A. Pryce, 1st May 2017, Herb. **NMW**
- +‡135/25.09.102 **Taraxacum aberrans** (Apiculate-lobed Dandelion). Cwmcowddu, Llanwrda, SN72657 31470, R.D. Pryce & K.A. Pryce, 18th Apr 2017, Herb. **NMW**
- +‡135/25.09.105. **Taraxacum acutifrons** (Acute-leaved Dandelion). SE of Goetre-fach farm, Hendy, SN56836 04472, R.D. Pryce & K.A. Pryce, 1st Apr 2017, Herb. **NMW**
- +‡135/25.09.106. **Taraxacum aequilobum** (Twisted-bracted Dandelion). Machynys, Llanelli: Delta Lakes site, SS50956 98527, R.D. Pryce, 15th Apr 2017, also at SS 50891 98640, Herb. **NMW**
- +‡135/25.09.109. **Taraxacum altissimum** (Tall Dandelion). Clochyrie. Nr. Llanelli, SN52896 05028, R.D. Pryce, 7th Apr 2017, 2nd VCR, Herb. **NMW**
- +135/25.09.111. **Taraxacum ancistrolobum** (Few-lobed Dandelion). Castle Ely Bridge, south of Tavernspite, SN19181 10767, R.D. Pryce, 20th Apr 2017, Herb. **NMW**; (+) Abernant Church, SN34013 23178, R.D. Pryce & K.A. Pryce, 14th May 2017, Herb. **NMW**
- +135/25.09.120. **Taraxacum cophocentrum** (Rounded-lobed Dandelion). SE of Penrhos Isaf, Llanfynydd TN1702, SN56248 26351, R.D. Pryce & K.A. Pryce, 29th

- Apr 2017, Herb. **NMW**; (+) Tylau-Hywel, nr. Llanwrda, SN71984 30575, R.D. Pryce & K.A. Pryce, 18th Apr 2017, Herb. **NMW**
 +135/25.09.123. **Taraxacum croceiflorum** (Orange-flowered Dandelion). Tireithin, Bancffosfelen, SN49441 12402, R.D. Pryce, 23rd Apr 2017, also at SN 49458 12378, **Herb. NMW**
 *135/25.09.125. **Taraxacum cyanolepis** (Bluish-bracted Dandelion). Llwyn-Ifan, Porthyrhyd, SN52405 15284, Llanelli Naturalists, leaders R.D. Pryce & K.A. Pryce, 2nd Apr 2017, Herb. **NMW**
 +‡135/25.09.127. **Taraxacum densilobum** (Close-lobed Dandelion). Nr. Plas Farm, Llannon, SN52272 06530, R.D. Pryce, 7th Apr 2017, Herb. **NMW**
 +135/25.09.131. **Taraxacum ekmanii** (Ekman's Dandelion). Pembrey Country Park, SS40498 99909, R.D. Pryce, 2nd May 2017, Herb. **NMW**; (+) NW of Goitre-fach farm, Hendy, SN55870 05204, R.D. Pryce & K.A. Pryce, 1st Apr 2017, Herb. **NMW**
 +‡135/25.09.140 **Taraxacum horridifrons** (Prickly-leaved Dandelion). Machynys, Llanelli: Delta Lakes site, SS50977 98580, R.D. Pryce, 15th Apr 2017, Herb. **NMW**
 +‡135/25.09.144. **Taraxacum interveniens** (City Dandelion). School Rd, Pwll, Llanelli, SN47722 01164, R.D. Pryce, 13th May 2017, Herb. **NMW**
 +‡135/25.09.146. **Taraxacum lacerifolium** (Jagged-leaved Dandelion). Hebron Chapel, nr. Bwlchyddwyros, SN41678 35610, R.D. Pryce & K.A. Pryce, 8th Apr 2017, Herb. **NMW**; (+) Pen-y-Dinas Quarry Llansawel, SN6270- 3543-, R.D. Pryce, 25th Mar 2017, Herb. **NMW**
 +‡135/25.09.149. **Taraxacum laeticolor** (Pale-stalked Dandelion). Castle Ely Bridge, south of Tavernspite, SN19167 10720, R.D. Pryce, 20th Apr 2017, also at SN 18766 13286, **Herb. NMW**; (+) Llanfynydd, SN55866 27267, R.D. Pryce & K.A. Pryce, 29th Apr 2017, Herb. **NMW**; (+) Cwmcowddu, Llanwrda, SN72305 31192, R.D. Pryce & K.A. Pryce, 18th Apr 2017, Herb. **NMW**
 +135/25.09.150. **Taraxacum laticordatum** (Decumbent Dandelion). Pigeon House Wood, Aberglasney Gardens, SN58008 21996, R.D. Pryce & K.A. Pryce, 4th Apr 2017, Herb. **NMW**
 +135/25.09.151. **Taraxacum latisectum** (Broad-lobed Dandelion). Llanfynydd, SN55847 27331, R.D. Pryce & K.A. Pryce, 29th Apr 2017, Herb. **NMW**
 +‡135/25.09.154. **Taraxacum leptodon** (Yellow-styled Dandelion). Tireithin, Bancffosfelen, SN49442 12404, R.D. Pryce, 23rd Apr 2017, 2nd VCR, Herb. **NMW**
 +‡135/25.09.173 **Taraxacum obtusifrons** (Obtuse-leaved Dandelion). Pembrey Country Park, SS40282 99920, R.D. Pryce, 2nd May 2017, Herb. **NMW**; (+) Site of former Grillo zinc oxide works, Burry Port, SN44675 00300, R.D. Pryce, 24th Mar 2017, also at SN 44874 00372, **Herb. NMW**
 +‡135/25.09.179. **Taraxacum pallidipes** (Grey-bracted Dandelion). Pumsaint, SN65646 40598, R.D. Pryce & K.A. Pryce, 25th Mar 2017, Herb. **NMW**
 +135/25.09.186. **Taraxacum polyodon** (Common Dandelion). Abernant Church, SN33932 23127, R.D. Pryce & K.A. Pryce, 14th May 2017, Herb. **NMW**
 *‡135/25.09.188. **Taraxacum procerisquameum** (Large-headed Dandelion). N of Pant Howell, Llanfynydd, SN55615 29141, R.D. Pryce & K.A. Pryce, 29th Apr 2017, 1st VCR, Herb. **NMW**

- *‡135/25.09.190. **Taraxacum pulchrifolium** (Beautiful-leaved Dandelion). Graigwrtheyrn, nr. Llandysul, SN44075 40155, A.O. Chater, R.D. Pryce & K.A. Pryce, 12th May 2017, 1st VCR, Herb. **NMW**
- +135/25.09.197. **Taraxacum sellandi** (Selland's Dandelion). Pembrey Country Park, SS40928 99719, R.D. Pryce, 2nd May 2017, Herb. **NMW**; (+) N of Pant Howell, Llanfynydd, SN55615 29142, R.D. Pryce & K.A. Pryce, 29th Apr 2017, also collected at Lanlash, SN 57032 22131 on 6th May 2017, Herb. **NMW**; (+) NE of Llwyncelyn, Llandyfan, SN65312 16506, R.D. Pryce & K.A. Pryce, 14th Apr 2017, also collected at SN 62797 19098 on the same date, **Herb. NMW**
- +135/25.09.207. **Taraxacum sublaeticolor** (Small-headed Dandelion). Bancyffordd, SN40753 37743, R.D. Pryce & K.A. Pryce, 8th Apr 2017, Herb. **NMW**
- +135/25.09.217. **Taraxacum undulatum** (Wavy-leaved Dandelion). Cwmcowddu, Llanwrda, SN72210 31005, R.D. Pryce & K.A. Pryce, 18th Apr 2017, Herb. **NMW**
- +‡135/25.09.coa. **Taraxacum coartatum** (Irregular-bracted Dandelion). Machynys, Llanelli: Delta Lakes site, SS50860 98616, R.D. Pryce & K.A. Pryce, 15th Apr 2017, Herb. **NMW**; (+) Hebron Chapel, nr. Bwlchdyddwyros, SN41675 35655, R.D. Pryce & K.A. Pryce, 8th Apr 2017, Herb. **NMW**
- *135/25.pie. **Taraxacum pietii-oosterveldii**. Llwyn-Ifan, Porthyrhyd, SN52406 15317, Llanelli Naturalists meeting led by R.D. Pryce & K.A. Pryce, 2nd Apr 2017, growing at western edge of woodland/arboretum. **First British record, Herb. NMW**; (+) Garn Ganol, Crwbin, SN46892 12582, R.D. Pryce & K.A. Pryce, 9th Apr 2017, growing in semi-improved, seasonally wet grassland. Also collected from woodland edge at SN 47447 12660 on 21st Apr 2017, Herb. **NMW**
- *135/25.sub. **Taraxacum subericinum**. Pant-yr-helyg, Pentrefelin, SN60023 24642, R.D. Pryce & K.A. Pryce, 22nd Apr 2017, **1st Welsh record** and 3rd British record, **Herb. NMW**
- +135/30.1. **Filago vulgaris** (Common Cudweed) (Edafeddog Lwyd). Glynhir Mansion, Llandybie, SN63944 15113, M.O. Stead & G.M. Kay, 1st Jul 2017, one plant in cobbled courtyard.
- +‡135/41.2. **Aster novae-angliae** (Hairy Michaelmas-daisy) (Blodyn-Mihangel Blewog). Castell-y-rhingyll, Pen-y-groes, SN5760- 1458-, R.D. Pryce, 12th Oct 2017, roadside hedgerow and grass verge.
- +‡135/43.4. **Erigeron karvinskianus** (Mexican Fleabane) (Amrhydlyd y Cerrig). Llansadurnen, SN2829- 1026-, M.O. Stead & D. Williams, 1st Jul 2017, established on outer wall of garden.
- +‡135/44.2. **Conyza sumatrensis** (Guernsey Fleabane) (Amrhydlyd Guernsey). RAF Pembrey Sands AWR, Tywyn Burrows, SN3654- 0593-, R.D. Pryce & K.A. Pryce, 13th Aug 2017, scattered groups of plants in dry dunes.
- +©135/55.aus. **Anthemis austriaca** (Austrian Chamomile). Aberglasney Gardens, SN58214 22172, R.D. Pryce, K.A. Pryce, C.A. Cottingham & C. Llewellyn, 23rd Jul 2017, weed in newly planted shrub bed in newly opened part of garden adjacent to Bishop Rudd's Walk.
- +135/62.11. **Senecio aquaticus** (Marsh Ragwort) (Creulys y Gors). Pembrey Burrows LNR, SS4128- 9959-, BSBI Meeting, 27th Jun 2017, growing in rank dry dune grassland. First record for VC44 part of hectad.

- +‡138/4.2. **Elodea nuttallii** (Nuttall's Waterweed) (Ffugalaw Nuttall). Pen-y-Ddinas Quarry, Llansawel, SN6259- 3559-, R.D. Pryce, A.O. Chater, B. Gale & P. Gale, 2nd Jul 2017, locally abundant in small pond across tree/scrub-lined track used as wheel-wash.
- +142/1.19. **Potamogeton crispus** (Curled Pondweed) (Dyfrllys Crych). Pembrey Burrows LNR, SS4139- 9966-, BSBI Meeting, det. R.D. Pryce, 27th Jun 2017, in pond. First record for VC44 part of hectad.
- +142/1.21. **Potamogeton pectinatus** (Fennel Pondweed) (Dyfrllys Blaenllym). Pembrey Burrows LNR, SS4193- 9931-, BSBI Meeting, det. R.A. Jones, 27th Jun 2017, in very eutrophic cattle-drink pond with poached margins devoid of vegetation.
- +148/2.3. **Lemna trisulca** (Ivy-leaved Duckweed) (Llinad Dail Eiddew). Ffos-y-broga, Cwrt Henry, SN55045 23178, R.D. Pryce & K.A. Pryce, 18th Jul 2017, frequent in ornamental garden pond.
- +148/2.val. **Lemna valdiviana**. Llys Hendy, Llandeilo, SN6450- 2305-, R.D. Pryce & K.A. Pryce, det. R.D. Pryce, 10th Sep 2017, locally abundant in formal garden pond.
- +152/05.1 **Scirpus sylvaticus** (Wood Club-rush) (Clwbfrwynen Bengron). Graigwrtheyrn, nr. Llandysul, SN4339- 4054-, A.O. Chater, R.D. Pryce & K.A. Pryce, det. A.O. Chater, 12th May 2017, diffuse stand c.10m x 1.5m amongst *Oenanthe crocata* and *Phalaris arundinacea* on silty shoal about 1m below Teifi flood plain level. First record for VC44 part of hectad.
- +152/16.11. **Carex disticha** (Brown Sedge) (Hesgen Lygliw). Pembrey Burrows LNR, SS4131- 9960-, BSBI Meeting, det. A.O. Chater, G.M. Kay, 27th Jun 2017, by well vegetated ephemeral pond with only a couple of inches of water depth at the time of the visit.
- +152/16.25. **Carex acutiformis** (Lesser Pond-sedge) (Hesgen -y-dwr Fach). Cwmcowddu, Llanwrda, SN7227- 3124-, R.D. Pryce & K.A. Pryce, 18th Apr 2017, locally dominant in fen north-east of ox-bow on Tywi flood-plain.
- +152/16.32. **Carex sylvatica** (Wood-sedge) (Hesgen y Coed). Tydwr, Ffarmers, SN6645- 4509-, A.O. Chater, G.M. Kay, R.D. Pryce & K.A. Pryce, 30th Jun 2017, stream bank.
- +152/16.35. **Carex flacca** (Glaucous Sedge) (Hesgen Lwydlas y Calch). Graigwrtheyrn, nr. Llandysul, SN4320- 4066-, A.O. Chater, R.D. Pryce & K.A. Pryce, 12th May 2017, sheep grazed river terrace slope. 1st record for VC44 part of hectad.
- +152/16.39. **Carex laevigata** (Smooth-stalked Sedge) (Hesgen Lefn). Graigwrtheyrn, nr. Llandysul, SN4406- 4016-, A.O. Chater, R.D. Pryce & K.A. Pryce, 12th May 2017, wet flush on river bank.
- +152/16.44×46. **Carex ×fulva**. Nant Geredig, Mynydd Llanybydder, SN5263- 3988-, R.A. Jones & M.O. Stead, 2nd Jul 2017, boggy area west of stream.
- +152/16.64 **Carex aquatilis** (Water Sedge) (Hesgen y Dŵr). Graigwrtheyrn, nr. Llandysul, SN4338- 4055-, A.O. Chater, R.D. Pryce & K.A. Pryce, det. A.O. Chater, 12th May 2017, very small stand (about 2m x 1m) with 3 flowering stems, amongst abundant *Oenanthe crocata* and locally frequent *Phalaris arundinacea* under small *Alnus glutinosa* tree. First record for VC44 part of hectad.
- +152/3.4. **Eleocharis multicaulis** (Many-stalked Spike-rush) (Ysbigfrwynen Gadeiriog). Pen-y-graig Goch, Llanddeusant, SN74189 22586, BSBI Meeting, det. A.O.

Chater, 1st Jul 2017, in southern part of NVC M10 flush associated with five plants of *Epipactis palustris*.

+‡153/14.3. ***Vulpia myuros*** (Rat's-tail Fescue) (Peisgwellt y Fagwyr). Tydwr, Ffarmers, SN6645- 4509-, A.O. Chater, G.M. Kay, R.D. Pryce & K.A. Pryce, 30th Jun 2017, growing in trackside gravel.

+153/30.1. ***Trisetum flavescens*** (Yellow Oat-grass) (Ceirchwellt Melyn).

Llettyrhaflaeth, near Cynghordy, SN7829- 3911-, G.M. Kay, M. Smith, B.J. Wright & D.J. Wright, det. G.M. Kay, 1st Jul 2017, large clump on verge.

+153/35.2. ***Aira praecox*** (Early Hair-grass) (Brigwellt y Gwanwyn). Graigwrtheyrn hill fort, nr. Llandysul, SN4334- 4030-, A.O. Chater, R.D. Pryce & K.A. Pryce, 12th May 2017, on small north east facing acid rock outcrops. First record for VC44 part of hectad.

+‡153/46.2. ***Polygogon viridis*** (Water Bent) (Barfwellt y Dwr). Tydwr, Ffarmers, SN66426 45122, A.O. Chater, G.M. Kay, R.D. Pryce & K.A. Pryce, 30th Jun 2017, abundant weed in polytunnel.

+153/49.2. ***Phleum bertolonii*** (Smaller Cat's-tail) (Rhonwellt Penfain). Pembrey Burrows LNR, SS4167- 9930-, BSBI Meeting, 27th Jun 2017, in rank dune grassland. First record for VC44 part of hectad.

+‡153/52.3. ***Anisantha sterilis*** (Barren Brome) (Pawrwellt Hysb). Nr. Nantddu, S of Rhandirmwyn, SN77- 40-, G.M. Kay, 26th Jun 2017.

+153/54.1.‡ ***Brachypodium pinnatum*** (Heath False-brome) (Breichwellt y Calch). Pembrey Country Park, SS4015- 9998-, R.D. Pryce & K.A. Pryce, 4th May 2017, dune summit dominated by *Festuca rubra* with colonising *Hippophae rhamnoides*, *Holcus lanatus* and rare *Urtica dioica*; ⊕ Pen-y-Ddinas Hill, Llansawel, SN628 354, A.O. Chater & R.D. Pryce, 2nd Jul 2017, south-facing slope. Rediscovery of AOC's 1995 record but population much reduced by encroaching bracken.

+‡158/33.5.c. ***Narcissus pseudonarcissus subsp. major*** (Spanish Daffodil) (Cenhinen-Bedr Sbaen). Bancyffordd Church, SN4037- 3806-, R.D. Pryce & K.A. Pryce, 8th Apr 2017, on semi-improved mown boundary banks by Church Hall.

+159/05.08. ***Iris foetidissima*** (Stinking Iris) (Gellesgen Ddrewllyd). Pembrey Country Park, SS4015- 9998-, R.D. Pryce & K.A. Pryce, 4th May 2017, dry dune summit. Also at SS 4040- 9985-. First records for VC44 part of hectad.

+162/18.3×4. ***Dactylorhiza ×wintoni***. Garn Ganol, Crwbin, SN4704- 1270-, R.D. Pryce & K.A. Pryce, 22nd May 2017, semi-improved neutral grassland pasture.

PEMBROKE, v.c.45 (comm. S.B. Evans)

007/3.1. ***Adiantum capillus-veneris*** (Maidenhair Fern) (Briger Gwener). Walls of Mencap Walled Garden, Stackpole, SR9719- 9609-, S.B. Evans, 13th Sep 2017, growing on one high brick wall of the old walled garden, which faced NNE, had 5 patches of *Adiantum capillus-veneris* close together in crevices of weathered bricks located on 3 courses. Well established but not native at this site although native elsewhere on the Pembs coast. Between 1984 and 1999 a few clumps of this fern were also known from the Carpenter's Cellar's walls, Stackpole, about 60m to the north-east, but the species has since died out there.

- +011/1.2. **Polypodium interjectum** (Intermediate Polypody) (Llawredynen Ganolig). Bank at Cilgerran Churchyard, SN1910- 4306-, H. Williams, 11th Apr 2017.
- +‡019/1.1. **Azolla filiculoides** (Water Fern) (Rhedyneyn y Dŵr). River above the Bridge at Freshwater West, Castlemartin, SR8855- 9973-, S.B. Evans & A.E Evans, 30th May 2017, a few scattered floating fronds were seen on the SE side of the water course just above the bridge. Also found at SR8874-9988- on the same watercourse on 19th June 2017 by Stephen and Anne Coker.
- +©028/05.1. **Nigella damascena** (Love-in-a-mist) (Glas y Niwl). Feidr Fach, St. Dogmaels, SN1641- 4603-, S.B. Evans & A.E Evans, 4th Nov 2017, several plants below a low stone wall on the west side of the alley way Feidr Fach. A casual from the garden above.
- +043/3.03. **Atriplex glabriuscula** (Babington's Orache) (Llygwyn y Tywod). Top of Outer Jetty wall, Porthgain, Llanrhian, SM8139- 3262-, S.B. Evans & A.E Evans, 9th Jul 2017.
- +043/3.03×04. **Atriplex ×taschereaui** (Taschereau's Orache) (Llygwyn Taschereau). Llanreath Beach, Pembroke Dock, SM9554- 0359-, P.R. Green, 5th Nov 2017, a fruiting plant at the top of the strand. 2nd VC record.
- +043/3.07. **Atriplex patula** (Common Orache) (Llygwyn Culddail). Field by Afon Teifi, Manordeifi, SN2431- 4222-, H. Williams, 12th Sep 2017, disturbed ground.
- +043/4.1.a. **Beta vulgaris subsp. maritima** (Sea Beet) (Betysen Arfor). Cemaes Head, St. Dogmaels, SN131-500-, S.B. Evans, 24th Jul 2017, the headland is the only part of this hectad in Pembrokeshire and several other new Pembs. hectad records of common sea-cliff species, including *Centarea erythraea* were made on this visit.
- +043/6.6. **Salicornia fragilis** (Yellow Glasswort) (Llyrllys Melyn). Kingswood Pill, Pembroke Dock, SM98319 03415, P.R. Green, 5th Nov 2017, flowering/fruiting in salt marsh.
- +046/01.1.c. **Arenaria leptoclados** (Slender Sandwort). Pembroke Dock, SM98- 03-, P.R. Green, 5th Nov 2017.
- +046/16.1.† **Spergula arvensis** (Corn Spurrey) (Troellig yr ŵd). Arable field above Abercych, Manordeifi, SN2426- 4143-, H. Williams, 24th May 2017.
- +‡047/1.03. **Persicaria wallichii** (Himalayan Knotweed) (Y Ganwraidd Himalaiaidd). Bryntirion, Cippyn, St. Dogmaels, SN1456- 4833-, S.B. Evans & H. Williams, 24th Aug 2017, a large flowering stand that seemed to have escaped from the garden area.
- +047/1.06. **Persicaria bistorta** (Common Bistort) (Llyisiau'r Leidr). Bolton Hill Mill, Tiers Cross, SM91- 12-, J.E. Hodges, 20th Jul 2017.
- +‡047/1.07.© **Persicaria amplexicaulis** (Red Bistort) (Y Ganwraidd Goch). Harbourmaster's car park, Porthclais, St. David's, SM7401- 2421-, S.B. Evans & J.E. Hodges, 7th Sep 2017, two main clumps of *Persicaria amplexicaulis*, one in full flower, with outliers growing on the low earth bank between the small car park and the tarmac of the road. It would have been introduced probably with the soil used to make the bank.
- +‡047/5.4. **Fallopia convolvulus** (Black-bindweed) (Y Glymog Ddu). Uppermost field, Coed Devonald, Eglwyswrrw, SN12265 39987, S.B. Evans, 21st Jun 2017, one plant on disturbed ground 2m out from the recent fencing near the NW field corner.
- +053/1.1. **Malva moschata** (Musk-mallow) (Hocysen Fwsg). Bridleway by Penrallt Farm, Capel Colman, Boncath, SN2221- 3790-, H. Williams, 1st Sep 2017.

- +‡057/1.13. **Viola arvensis** (Field Pansy) (Trilliw'r Tir Âr). Bottom of arable field above Abercych, Manordeifi, SN2431- 4136-, H. Williams, 26th Aug 2017.
- +‡061/2.09. **Salix viminalis** (Osier) (Helygen Wiail). Trackside below Pen-yr-allt Llyn Farm, Manordeifi, SN2133- 4140-, H. Williams, 6th Oct 2017.
- +062/12.1×2. **Nasturtium ×sterilis** (Hybrid Water-cress) (Berwr-y-dŵr Croesryw). Near road end to salt marsh track south of Poppit Dunes, SN1578- 4813-, H. Williams, 16th Sep 2017.
- +‡062/34.3. **Brassica rapa** (Turnip). Edge of cereal field above Abercych, Manordeifi, SN2426- 4144-, H. Williams, 11th Apr 2017.
- +062/34.5.‡ **Brassica nigra** (Black Mustard) (Mwstard Du). Afon Teifi edge, Cilgerran, SN1948- 4324-, H. Williams, 22nd Sep 2017, a large plant by the Teifi at the north-west end of Dolbadau where Plysgog enters the main river.
- +062/42.1.b. **Raphanus raphanistrum subsp. maritimus** (Sea Radish) (Rhuddygl Arfor). Aber Felin, Trefin, SM8342- 3246-, S.B. Evans, A.E Evans & D. Jones, 9th Jul 2017; (+) Pembroke Dock, SM95- 03-, P.R. Green, 5th Nov 2017.
- +‡069/4.5. **Lysimachia punctata** (Dotted Loosestrife) (Trewyn Brych). Track west from Cwm Blaen Bwlan, Boncath, SN2306- 3804-, H. Williams, 9th Jul 2017.
- +‡072/1.1. **Escallonia macrantha** (Escallonia) (Esgalonia). Cliffs just south of St. Brides hotel, Saundersfoot, SN13815 04473, S.B. Evans, 5th Oct 2017, a few plants growing out of crevices on the rock face of the cliff below the hotel and adjacent gardens.
- +073/1.1.‡ **Crassula tillaea** (Mossy Stonecrop) (Corchwyn Mwsoglog). NW of St. Mary's College, St. David's, SM75072 25490, S.B. Evans & H.H. Evans, 24th May 2017, *Crassula tillaea* was growing on the cobbles at the corner opposite the Bishop's Palace; (+) Penrallt-y-gardde picnic site, Crugiau Cemmaes, Glanrhyd, SN1268- 4151-, S.B. Evans & A.E Evans, 5th Apr 2017, scattered along 8 paces of the bare ground margin to the western grassy edge of the car park where there was less vehicular use.
- +‡073/5.10. **Sedum rupestre** (Reflexed Stonecrop) (Briweg Felen). Old grave, Manordeifi New Church, SN2252- 4186-, H. Williams, 12th Sep 2017, on an old grave in the churchyard.
- +‡074/07.1. **Tolmiea menziesii** (Pick-a-back-plant) (Crydlys). Quoits Wood, Monkton, SM9683- 0056-, P.R. Green, 7th Nov 2017, vegetative *Tolmiea menziesii* on road bank in wood. Also well established by Bowett Bridge at SM971-007-.
- +‡074/08.1. **Tellima grandiflora** (Fringecups) (Clychau'r Clawdd). Woodland lane at NNW edge of wood, Coed Devonald, Eglwysrwrw, SN12203 40149, S.B. Evans, 21st Jun 2017, flowering in the leaf litter on the lane below the garden.
- +‡075/22.14. **Prunus laurocerasus** (Cherry Laurel) (Coeden Lawrgeirios). Houghton, SM98- 07-, J.E. Hodges, 4th Aug 2017.
- +‡075/32.35. **Cotoneaster rehderi** (Bullate Cotoneaster) (Cotoneaster Deilgrych Rehder). Near Star, Clydau, SN2501- 3544-, H. Williams, 9th Oct 2017, near a house in an overgrown hedge.
- +077/19.13. **Trifolium micranthum** (Slender Trefoil) (Meillionen Hopysaidd Eiddil). Start of access track to Coed Devonald, Eglwysrwrw, SN1236- 3996-, S.B. Evans, 21st Jun 2017, stoned access track with short turf in the track centre.

- +084/1.05. **Epilobium tetragonum** (Square-stalked Willowherb) (Helyglys Pedronglog). Verge of road near Clyn farm, Bwlch-y-groes, Clydau, SN2426- 3681-, H. Williams, 29th Sep 2017; (+) Bank under Llechrhyd Bridge, Manordeifi, SN2189-4359-, H. Williams, 14th Jul 2017.
- +084/1.06. **Epilobium obscurum** (Short-fruited Willowherb) (Helyglys Byrgodog). Edge of arable field above Abercych, Manordeifi, SN2431- 4136-, H. Williams, 27th Aug 2017.
- +‡084/4.1. **Oenothera glazioviana** (Large-flowered Evening-primrose) (Melyn-yr-hwyr Mawr). Adjacent to Cardigan Wildlife Park access, Cilgerran, SN1839- 4461-, S.B. Evans, 28th Sep 2017, a few flowering/fruited plants and much *Senecio erucifolius* were growing on the edge of bare ground/disturbed ground.
- +‡084/4.3. **Oenothera biennis** (Common Evening-primrose) (Melyn yr Hwyr). Opposite entrance to Heol Crwys, Trevine, SM8345- 3242-, S.B. Evans, A.E Evans & D. Jones, 9th Jul 2017, growing on the seaward side of the Trevine side of the road bridge at Aber Felin.
- +‡091/2.11. **Euphorbia peplus** (Petty Spurge) (Llaethlys Bach). Bare open area, Capel Newydd, Manordeifi, SN2349- 3928-, H. Williams, 18th Sep 2017.
- +091/2.16.a. **Euphorbia amygdaloides subsp. amygdaloides**. Timber marshalling area, Ffynonnau, Clydau, SN2331- 3766-, H. Williams, 11th May 2017, a robust multi-flowering clump growing up through the rusty tracks from a large forestry machine. Likely to be a classic example of how a plant gets moved accidentally during forest operations.
- +‡091/2.16.b. **Euphorbia amygdaloides subsp. robbiae**. Roadside verge near Cilrhue Fach, Capel Newydd, Manordeifi, SN2256- 4011-, H. Williams, 19th Apr 2017, just like the adjacent *Doronicum pardalianches* it had probably come from over the adjacent garden wall.
- +‡102/1.10. **Oxalis debilis** (Large-flowered Pink-sorrel) (Suran Oddfog). Poppit, St. Dogmaels, SN15168 48545, S.B. Evans, A.E. Evans & H. Williams, 9th May 2017, on a grassy bank just above the cafe on the SE side of the minor road after it starts climbing the hill.
- +‡103/1.01×02. **Geranium ×oxonianum** (Druce's Crane's-bill) (Pig-yr-aran Druce). Poppit, St. Dogmaels, SN15168 48545, S.B. Evans, A.E. Evans & H. Williams, 9th May 2017, on grassy banks just above the cafe on both sides of the minor road after it starts climbing the hill; (+) Penrallt Uchaf, Capel Colman, Boncath, SN2178- 3834-, H. Williams, 3rd Jun 2017, *Geranium x oxonianum* had 'jumped' the hedge. It had also escaped over a bank from a garden at Llwyn-yr-hwrdd, Tegryn at SN2251-3267-, recorded in October 2017.
- +‡105/1.4. **Impatiens glandulifera** (Indian Balsam) (Jac y Neidiwr). Priory/Hubberston Pill, Milford Haven, SM90- 07-, J.E. Hodges, 24th Jul 2017, also found at Mountain Park, Williamston Mountain at SM99-06- in July 2017.
- +‡107/25.1. **Conium maculatum** (Hemlock) (Cegiden). Middle Carum field, Blaencleddau, Mynachlogddu, SN1649- 3270-, S.B. Evans, A.E. Evans & V. Kirby, 15th Jun 2017, close to the site of an old cottage.
- +107/40.1.syl. **Pastinaca sativa subsp. sylvestris**. Roadside waste ground north of landing stage, St. Dogmaels, SN16331 46970, H. Williams, 12th Jul 2017.

- +108/3.2. **Centaureum erythraea** (Common Centaury) (Y Ganrhi Goch). Start of access track to Coed Devonald, Eglwysrwrw, SN1236- 3996-, S.B. Evans, 21st Jun 2017, stoned access track with short turf in the track centre.
- +‡109/1.3. **Vinca major** (Greater Periwinkle) (Perfagl Fawr). Hedgerow, Abercych, Manordeifi, SN2448- 4128-, H. Williams, 11th Apr 2017.
- +‡110/7.1. © **Solanum lycopersicum** (Tomato) (Tomato). Blacksmith's Landing, W. of North Haven, Skokholm, Dale, SM74109 05417, S.B. Evans, 1st Sep 2017, a single small tomato plant was in seabird guano enriched crevices of the Old Red Sandstone cliffs.
- +‡111/3.3. **Calystegia pulchra** (Hairy Bindweed) (Taglys Blewog). Small old quarry, Bryntirion, Cippyn, St. Dogmaels, SN1453- 4820-, S.B. Evans & H. Williams, 24th Aug 2017, scrambling over the tall herbs that filled the small old quarry.
- +‡111/3.4. **Calystegia silvatica** (Large Bindweed) (Taglys Mawr). Roadside, Star, Clydau, SN2436- 3526-, H. Williams, 9th Oct 2017.
- +‡116/03.1. **Pulmonaria officinalis** (Lungwort) (Llysiâu'r Ysgyfaint). Priory/ Hubberston Pill, Milford Haven, SM90- 07-, J.E. Hodges, 24th Jul 2017.
- +‡116/04.1×2. **Symphytum ×uplandicum** (Russian Comfrey) (Cyfardwf Rwsia). By old canal, Llechrhyd, Manordeifi, SN2235- 4350-, H. Williams, 16th Jun 2017.
- +116/15.04. **Myosotis laxa** (Tufted Forget-me-not) (Sgorpionllys Siobynnog). Very wet area, bottom Chwarel y Glog, Crymych, SN2208- 3263-, H. Williams, 22nd Jul 2017, also found in a hayfield at Cwm Blaen Bwlan, SN231-381- in July 2017.
- +116/15.09. **Myosotis ramosissima** (Early Forget-me-not) (Sgorpionllys Cynnar). Northern tip of Skomer, Marloes, SM72225 10221, S.B. Evans, 23rd Apr 2017, *Myosotis ramosissima* was with *Erodium maritimum* on trampled patchy therophyte vegetation seawards of the coast path at the top of the cliffs.
- +‡118/04.1.c. **Lamiastrum galeobdolon subsp. argentatum**. Mountain Park, Willamston Mountain, SM99- 06-, J.E. Hodges, 31st Jul 2017, also found at 3 other locations in SM9-0- in July 2017.
- +‡118/16.1. **Melissa officinalis** (Balm) (Balm). Among brambles by old quarry above Dolbadau, Cilgerran, SN1955- 4311-, H. Williams, 22nd Sep 2017.
- +118/18.4. **Clinopodium vulgare** (Wild Basil) (Brenhinllys Gwyllt). South facing hedgebank near Penbedw Farm, Boncath, SN2065- 3943-, H. Williams, 23rd Sep 2017.
- +118/20.1. **Origanum vulgare** (Wild Marjoram) (Penrhudd). Roadside, Abercych, Manordeifi, SN2456- 4120-, H. Williams, 12th Sep 2017, also found at another location on a recently created pond bank at Pen-yr-allt Llyn Farm, SN2152-4133- in October 2017.
- +‡124/12.1. **Kickxia elatine** (Sharp-leaved Fluellen) (Llysiâu-Llywelyn). Strumble Head, Pencoed, SM8938- 4122-, S.B. Evans, 8th Aug 2017, a few flowering plants between the tarmac and wall base on the seaward side of lighthouse road.
- +‡124/16.19. **Veronica agrestis** (Green Field-speedwell) (Rhwyddlwyn-y-maes Gwyrd). Field 3, Caerhys Farm, Llanrhian, SM7985- 3029-, J. Winder, 4th Jul 2017, in 4 arable fields on the farm and in two of the adjacent Pwll-caerog Farm. Plantlife Arable Farm survey; (+) Ferry Hill, Benton, SN00- 06-, J.E. Hodges, 31st Jul 2017.
- +‡124/16.20. **Veronica polita** (Grey Field-speedwell) (Rhwyddlwyn-y-maes Llwyd). Merrion Camp, Castlemartin, SR9395- 9688-, P. Wilson & S.B. Evans, 15th Aug 2017,

- growing on the toe of the kerb on the road edge within the Ministry of Defence camp; (+) Arable field Abercych, Manordeifi, SN2427- 4142-, H. Williams, 27th Aug 2017, a patch at the bottom of the arable field.
- +124/20.06. **Euphrasia tetraquetra** (Effros y Gorllewin). Cemaes Head, St. Dogmaels, SN13092 49896, S.B. Evans, 24th Jul 2017, frequent, growing in maritime grassland on the steep slope in the spray zone facing NW; (+) Cemaes Head, St. Dogmaels, SN13201 50094, S.B. Evans, 24th Jul 2017, abundant in maritime grassland on rock and periglacial deposits on grass slopes and ledges. Spreads west to SN13167 50114. Growing with *Lotus corniculatus* and *Anthyllis vulneraria*.
- *©124/SUT.cor. **Sutera cordata** (Bacopa). Wellington Street, Pembroke Dock, SM96462 03467, P.R. Green, 8th Nov 2017, the plant has subsequently been killed off by the very cold weather in March 2018.
- +‡133/1.2. **Valerianella carinata** (Keel- fruited Cornsalad) (Gwylaeth-yr-oen Ffrwythau Rhychog). Aeron Baptists Chapel, Sandy Hill, St. Ishmaels, SM856- 087-, S.B. Evans & A.E Evans, 4th Aug 2017.
- +‡135/12.1. **Cichorium intybus** (Chicory) (Ysgellog). Grass verge of A478, New Hedges, Tenby, SN128- 023-, N. Lee, 17th Sep 2017, one in flower on the grass verge of the A478.
- +135/16.1.a. **Scorzoneroides autumnalis** (Autumn Hawkbit) (Peradyl yr Hydref). Grassy patch in arable field Abercych, Manordeifi, SN2428- 4133-, H. Williams, 27th Aug 2017.
- +‡135/27.6. **Pilosella aurantiaca** (Fox-and-cubs) (Clust-y-llygoden Euraid). Hubberston Pill, Milford Haven, SM90- 06-, J.E. Hodges, 20th Jul 2017, also found at Mascle Bridge SM95200 05599 in October 2017; (+) Ffynnon Chapel, Llandewi Velfry, SN1365- 1687-, S.B. Evans & A.E Evans, 30th Jun 2017; (+) Churchyard, Manordeifi New Church, SN2250- 4184-, H. Williams, 12th Jul 2017, also found at the nearby Cilfowyr Chapel at SN2208-4208 on the same date.
- +‡135/43.1. **Erigeron glaucus** (Seaside Daisy) (Amrhydlwyd Arfor). South end of Castle Beach, Tenby, SN1359- 0032-, S.B. Evans, 25th May 2017, flowering patches were scattered on the limestone sea-cliffs from this location as far east as SN1367-0041-.
- +‡135/43.4. **Erigeron karvinskianus** (Mexican Fleabane) (Amrhydlwyd y Cerrig). Sunken Pits, Mencap Walled Garden, Stackpole, SR9727- 9612-, S.B. Evans, 13th Sep 2017, growing on the walls of the sunken water pits and also nearby on the outer side of the main high wall of the northern walled garden.
- +‡135/44.flo. **Conyza floribunda** (Many-flowered Fleabane). Hedgebank opposite Waun Isaf, St. David's, SM7465- 2495-, S.B. Evans, 2nd Sep 2017, in abundance on the grassy hedgebank to the west of the entrance to Waun Isaf Common; (+) Newport Dunes Car Park, Nevern, SN0540- 4049-, S.B. Evans & A.E Evans, 9th Aug 2017, scattered at the edges to the southern car park and around the structures/buildings but not yet in the northern car park.
- +135/48.3.‡ **Tanacetum vulgare** (Tansy) (Tansi). Northern hedge of Cilfowyr Chapel, Manordeifi, SN2201- 4211-, H. Williams, 12th Sep 2017.
- +‡135/69.1. **Doronicum pardalianches** (Leopard's-bane) (Llysiâu'r Llewpart). Roadside verge near Cilrhue Fach, Capel Newydd, Manordeifi, SN22561 40120, H.

Williams, 19th Apr 2017, growing on the verge bordering a small copse and had probably escaped over the wall from the nearby garden.

+151/1.21. **Juncus acutus** (Sharp Rush) (Brwynen Lem). Cliffs below the Esplanade, Tenby, SN13323 00105, S.B. & A.E. Evans, A. Evans, D. Morgan & M.C. Evans, 12th Oct 2017, a single non-flowering *Juncus acutus* clump was found on the limestone sea-cliff where there would probably have been a little wind-blown sand. Located above a strip of *Crithmum maritimum* at the top of the near vertical face in a narrow band of maritime grassland.

+‡152/11.2.© **Cyperus eragrostis** (Pale Galingale) (Ysnoden-Fair Welw). Church Road, Llanstadwell, SM956- 050-, S.B. Evans & J.E. Hodges, 17th Oct 2017, growing out of the concrete up an alleyway between two houses on the north side of Church Road; (+) St. David's Churchyard, Caldey, SS1428- 9663-, S.B. & A.E. Evans, A. Evans, D. Morgan & M.C. Evans, 12th Aug 2017, a small plant was alongside the southern side of the Church.

*‡153/12.05. **Festuca heterophylla** (Various-leaved Fescue) (Peiswellt Amryddail). Roadside banks above St. Justinian's Churchyard, Freystrop, SM9620- 1203-, S.B. Evans & A.E Evans, 30th May 2017, several striking flowering clumps were growing on both roadside wooded hedgebanks above the Churchyard. *Poa chaixii* was in the Churchyard below – both had presumably once been introduced.

+‡153/13.2. **Lolium multiflorum** (Italian Rye-grass) (Rhygwellt yr Eidal). By Penbedw farm buildings, Boncath, SN2084- 3942-, H. Williams, 23rd Sep 2017.

*‡153/18.07. **Poa chaixii** (Broad-leaved Meadow-grass) (Gweunwellt Llydanddail). St. Justinian's Churchyard, Freystrop, SM9620- 1201-, S.B. Evans & A.E Evans, 30th May 2017, a single clump by the approach path above a planted hedge/border. The presence of *Festuca heterophylla* clumps on two sides of the wooded roadside banks just above the Churchyard would suggest that both grasses had once been introduced.

+153/18.12. **Poa nemoralis** (Wood Meadow-grass) (Gweunwellt y Coed). Ferry Hill, Benton, SN00- 06-, J.E. Hodges, 31st Jul 2017.

+‡153/28.2.© **Avena strigosa** (Bristle Oat) (Blewgeirchen). Field 3, Caerhys Farm, Llanrhian, SM7985- 3029-, J. Winder, 4th Jul 2017, one of three fields of black oats and barley. Plantlife Arable Farm survey.

+153/30.1. **Trisetum flavescens** (Yellow Oat-grass) (Ceirchwellt Melyn). St. Justinian's Churchyard, Freystrop, SM9618- 1202-, S.B. Evans & A.E Evans, 30th May 2017.

+‡153/38.3.© **Phalaris canariensis** (Canary-grass) (Pefrwellt yr Adar). New access to RNLI station, St. Justinian's, St. David's, SM72486 25213, S.B. Evans & J.E. Hodges, 7th Sep 2017, amongst ruderal plants by the new vehicle access route to the new Lifeboat Station.

+‡153/46.2. **Polygona viridis** (Water Bent) (Barfwellt y Dŵr). Church Road, Llanstadwell, SM9556- 0504-, S.B. Evans & J.E. Hodges, 17th Oct 2017, a flowering clump was at the roadside base of the wall by the eastern access to Llanstadwell Churchyard. Paul Green also found scattered plants in Pembroke Dock in November 2017.

+‡153/53.3.© **Ceratochloa cathartica** (Rescue Brome) (Pawrwellt Porthi). Pembroke, SM982- 014-, P.R. Green, 6th Nov 2017, flowering and fruiting *Ceratochloa cathartica* covering a triangle area of grass. 2nd VC record.

+‡153/60.1. **Triticum aestivum** (Bread Wheat) (Gwenith). Blacksmith's Landing, W. of North Haven, Skokholm, Dale, SM74109 05417, S.B. Evans, 1st Sep 2017, two *Triticum aestivum* plants were in the crevice/bird cliff vegetation low down at Blacksmith's Landing. *Solanum nigrum* ssp. *nigrum* was nearby at SM74099 05417 and there were also several large clumps of flowering *Urtica urens*. in the same guano enriched crevices of the Old Red Sandstone sea-cliffs.

+ 155/1.2. **Typha angustifolia** (Lesser Bulrush) (Cynffon-y-gath Gulddail). Middle Mill Pond, Pembroke, SM9862- 0150-, P.R. Green, 22nd Oct 2017, a fruiting patch of *Typha angustifolia* in water beside the path. Origins unknown.

+161/1.1. **Tamus communis** (Black Bryony) (Cwlwm y Coed). Ungrazed dunes north of main car park, Gupton Dunes, Castlemartin, SR88618 99624, S.B. Evans, 30th May 2017, a single clump suggestive of a recent arrival. It is largely absent from the western coasts of Pembrokeshire.

+162/13.1. **Platanthera chlorantha** (Greater Butterfly-orchid) (Tegeirian Llydanwyrdd). Restoration meadow, Teifi Marshes Wildlife Centre, Cilgerran, SN18728 44993, N. Walton, 13th Jun 2017, a single *Platanthera chlorantha* spike appeared in the restoration meadow at the Teifi Marshes reserve and visitor centre 3 years after sowing a Wyndrush Wild Seeds seed mix. The mix was harvested at Mountain Meadows - Pembrokeshire's 'Coronation Meadow'

CARDIGAN, v.c.46 (comm. S.P. Chambers)

+017/1.2. **Polystichum aculeatum** (Hard Shield-fern) (Gwrychredynen Galed). Pencwm, c.300m E of Ciliau Aeron, SN503 585, S.P. Chambers, 10th Apr 2017, four plants along c. 50-70 m length of roadside bank beneath trees.

‡020/1.nor. **Abies nordmanniana** (Caucasian Fir) (Ffynidwydden y Cawcasws). Heathy slope above river gorge, Miners Bridge, Pontrhydygroes, SN737 723, S.P. Chambers, 11th Jun 2017, several small self-seeded trees of various sizes. Only the 3rd VC site where this fir has self-seeded. Probably offspring of the trees grown nearby in the early 1990s for the Christmas tree market.

‡020/7.5.© **Pinus radiata** (Monterey Pine) (Pinwydden Monterey). Trackside, Nantycroy, c. 4 km N of Cardigan, SN183 510, H. Williams, 8th Aug 2017, first self-seeded record of the species for the hectad.

+©020A/SQD.gig. **Sequoiadendron giganteum** (Wellingtonia) (Welingtoniâu). Mixed plantation woodland, Long Wood, 0.5 km W of Falcondale farm, Lampeter, SN556 491, S.P. Chambers, 6th Sep 2017, one young planted tree. The 1st hectad record at least for the VC46 part of the square

+028/03.1.‡ **Helleborus foetidus** (Stinking Hellebore) (Crafanc-yr-arth Ddrewllyd). Hedge bottom, track to Penrallteifed farm, Llechryd, SN224 443, H. Williams, 5th Apr 2017, one plant, opposite garden.

+028/13.19. **Ranunculus omiophyllus** (Round-leaved Crowfoot) (Crafanc-y-frân y Rhostir). Puddle, by bridleway path, Clos-y-graig, SW of Mwnt, SN191 515, H. Williams, 4th Apr 2017.

+030/2.1. **Meconopsis cambrica** (Welsh Poppy) (Pabi Cymreig). Laneside, lane S of Mwnt, SN198 506, H. Williams, 30th May 2017.

031/5.03.hib. **Fumaria bastardii** var. **hibernica**. Mown heathy vegetation on steep south-facing trackside bank, Llangranog, SN314 541, S.P. Chambers, 10th Nov 2017, the 1st hectad record for the var.

‡039/4.7. **Quercus rubra** (Red Oak) (Derwen Goch). Re-planted former Atlantic oakwood, Allt Boeth (Coed Cadw), Cwm Rheidol, SN735 776, S.P. Chambers & C.M. Forster-Brown, det. S.P. Chambers, 17th Jun 2017, self-seeded oaklings seen in two places. Only the 2nd time *Q. rubra* has been recorded self-seeding in the VC.

+040/1.2. **Betula pubescens** (Downy Birch) (Bedwen Lwyd). Laneside, Clos-y-graig lane, N of Cardigan, SN192 510, H. Williams, 22nd Mar 2017.

+040/2.1. **Alnus glutinosa** (Alder) (Gwernen). Hedge, lane S of Mwnt, SN198 506, H. Williams, 30th May 2017.

043/1.06. **Chenopodium rubrum** (Red Goosefoot) (Troed-yr-wydd Coch). Base of wall at edge of pavement, S end of Union Street, Aberystwyth, SN586 816, S.P. Chambers, 19th Sep 2017, one plant, perhaps from Herring Gull vectored seed. The 1st VC occurrence as a 'pavement weed'.

+046/05.3. **Stellaria pallida** (Lesser Chickweed) (Gwlyddyn-y-dom Bach). Stad Craig ddu, Llan-non, SN511 666, M.D. Sutton, 23rd May 2017, a couple of plants on edge of sand pile on housing development.

046/17.3. **Spergularia marina** (Lesser Sea-spurrey) (Troellig Arfor Bach). Edge of main road, SE side of the A487(T) near Plas Gwyn, 1 km SW of Llanrhystud, SN526 684, S.P. Chambers, 6th Sep 2017, locally frequent fruiting plants growing c. 500 m inland along the edge of road carriageway, the 1st inland record for the VC.

‡046/GYP.mur. **Gypsophila muralis** (Annual Gypsophila). Llanerchaeron mansion, SN478 601, C.D. Preston & A.O. Chater, 27th Sep 2017, the 2nd VC record. Grown earlier (pre-2010) at Llanerchaeron. Several plants in disturbed lawn where *Rhododendron* had been cleared, **Herb. SPC**

+047/8.13×19. **Rumex ×pratensis** (Meadow Dock). Roadside verge, S side of minor road by Ty-llwyd farm, c. 1 km WSW of Falcondale, SN554 487, S.P. Chambers, 17th Sep 2017.

+‡061/2.02. **Salix fragilis** (Crack-willow) (Helygen Frau). Hedgerow, lane N of Nantycroy farm, SN183 512, H. Williams, 8th Aug 2017; (+) woodland, Felin Bedw, Plwmp, SN36 51, A.O. Chater & WWBIC recorders day, 11th Sep 2017.

+061/2.10. **Salix caprea** (Goat Willow) (Helygen Ddeilgron). Hedgerow, lane N of Nantycroy farm, SN183 512, H. Williams, 8th Aug 2017.

+‡062/34.2.a. **Brassica napus** subsp. **oleifera** (Oil-seed Rape) (Rêp Had Olew). Edge of rye-grass dairy field, c.200 m S of Bryn-gwyn, c.1.25 km SW of Falcondale, SN551 483, S.P. Chambers, 17th Sep 2017, the 1st hectad record at least for the VC46 part of the square.

+‡062/7.2. **Erysimum cheiri** (Wallflower) (Blodyn y Fagwyr). Hedgebank opposite property, Penparc, SN206 486, H. Williams, 24th Apr 2017.

+069/1.3. **Primula veris** (Cowslip) (Briallen Fair). Laneside, lane S of Mwnt, SN198 506, H. Williams, 30th May 2017.

+‡069/3.1. **Cyclamen hederifolium** (Sowbread) (Bara'r Hwch). Shaded bank opposite garden, Penrallt Mill, Llechryd, SN221 442, H. Williams, 20th Aug 2017.

- +‡069/4.5. **Lysimachia punctata** (Dotted Loosestrife) (Trewyn Brych). Verge by field entrance, above Neuadd Cross, c. 1.5km SW of Blaenporth, SN254 472, H. Williams, 26th Jul 2017.
- +‡073/5.13. **Sedum sexangulare** (Tasteless Stonecrop) (Briweg Ddi-flas). Edge of disused tennis courts, grounds of Plas Gogerddan, S of Bow St, SN630 836, S.P. Chambers & H.F. Clow, det. S.P. Chambers, 18th Oct 2017, patch c. 1 x 0.5 m.
- +‡074/07.1. **Tolmiea menziesii** (Pick-a-back-plant) (Crydlys). Riverside flood terrace on NE-bank of the Afon Teifi, Coedmor NNR, c. 1.5km S of Cardigan, SN191 436, S.P. Chambers & A. Orange, det. S.P. Chambers, 20th Jan 2017, abundant carpets, c.30 km downstream from the nearest known colony up river at Highmead.
- +075/06.1.‡ **Filipendula vulgaris** (Dropwort) (Y Grogedau). Roadside bank, Blaen-y-ffin, c.1 km NW of Ferwig, SN195 503, P.R. Green, 5th Nov 2017, two patches. The 4th modern VC site not in graveyard or chapel etc grassland.
- +075/11.1. **Fragaria vesca** (Wild Strawberry) (Llwyn Mefus Gwyllt). Laneside, lane S of Mwnt, SN198 506, H. Williams, 30th May 2017.
- +‡075/13.3. **Geum macrophyllum** (Large-leaved Avens) (Mapgoll Fawr)). Edges of stone-surfaced track, RSPB Ynys-hir, SN678 956, S.P. Chambers & H.F. Clow, det. S.P. Chambers, 1st Jan 2017, locally abundant (many hundreds of plants) along path to Ynys-Eidiol hide. The 1st record from the N part of the VC; (+) path edge on W-facing heathy slope, above Miners Bridge, Ponrhydygroes, SN737 723, S.P. Chambers, 11th Jun 2017, one plant; (+) alongside footpath in conifer plantation, below Rhaeadr Peiran, Hafod, SN769 734, A.O. Chater, 21st Jan 2017, abundant.
- 075/19.14. **Alchemilla glabra** (Mantell-Fair Lefn). Horse-grazed damp grassland, Dolchenog farm, Cwmystwyth, SN736 737, S.P. Chambers, 30th Jul 2017, four plants & four seedlings. New tetrad record for VC-scarce species.
- +‡075/22.12. **Prunus serotina** (Rum Cherry) (Coeden Geirios Rým). Re-planted former Atlantic oakwood, Allt Boeth (Coed Cadw), Cwm Rheidol, SN736 776, S.P. Chambers & C.M. Forster-Brown, det. S.P. Chambers, 17th Jun 2017, one small twiggy, bush, perhaps originally planted.
- +‡075/32.33. **Cotoneaster simonsii** (Himalayan Cotoneaster) (Cotoneaster Simons). Tanyreglwys, Blaenporth, SN263 491, S.P. Chambers, 21st Dec 2017, one bush in edge of modified plantation woodland.
- +‡075/32.35. **Cotoneaster rehderi** (Bullate Cotoneaster) (Cotoneaster Deilgrych Rehder). Hedge of lane, Felin Bedw, Plwmp, SN365 514, A.O. Chater & WWBIC recorders day, 11th Sep 2017; (+) edge of plantation woodland, Allt Gwar-coed, W of Lampeter, SN557 487, S.P. Chambers, 6th Sep 2017, one large fruiting tree. The 1st hectad record at least for the VC46 part of the square.
- +079/2.4. **Myriophyllum alterniflorum** (Alternate Water-milfoil) (Myrdd-dail Blodau Bob yn Ail). Craig Fawr quarry, Pen-uwch, SN589 621, S.P. Chambers, 10th Mar 2017, submerged in deepest water in SE-corner of pool in disused stone quarry.
- +081/1.1. **Lythrum salicaria** (Purple-loosestrife) (Llyisiau'r-milwr Coch). Marsh, Felin Bedw, Plwmp, SN364 515, A.O. Chater & WWBIC recorders day, 11th Sep 2017.
- +081/1.3. **Lythrum portula** (Water-purslane) (Troed y Gywen). Flooded fieldgate, lane N of Nantycroy farm, SN183 512, H. Williams, 8th Aug 2017.

088/1.1. **Euonymus europaeus** (Spindle) (Piswydden). Broadleaved woodland, upper edge of Coed Allt Ty-mawr, SSE of Ty-mawr Home Farm, nr Ciliau Aeron, SN513 590, S.P. Chambers, 23rd Apr 2017, one large and several small trees and seedlings. First recorded in the wood in 1961 but thought lost to afforestation by 1970.

*‡091/2.05. **Euphorbia dulcis** (Sweet Spurge) (Llaethlys Pêr). Road edge, Garth Estate Road, Furnace, SN682 954, A.D.Q. Agnew, conf. A.O. Chater, 2nd Jun 2015, two plants, self-seeded from nearby garden. Short-lived casual gone by 2016. The 1st VC record. **Herb.SPC**

+‡091/2.16.b. **Euphorbia amygdaloides subsp. robbiae**. Hedgebank by garden, Llechryd, SN218 437, H. Williams, 5th Apr 2017.

+‡099/1.4. **Acer pseudoplatanus** (Sycamore) (Masarnen). Laneside, Clos-y-graig - Blaenfflyman lane, SN192 510, H. Williams, 22nd Mar 2017.

+‡102/1.03. **Oxalis corniculata** (Procumbent Yellow-sorrel) (Suran Orweddol). Laneside, lane S of Mwnt, SN198 506, H. Williams, 30th May 2017.

+‡103/1.01. **Geranium endressii** (French Crane's-bill) (Pig-yr-aran Ffrainc). field below Tangarreg School House, c. 1 km NW of Blaenpennal, SN621 652, S.P. Chambers, 31st May 2017, one plant (self-seeded from nearby garden rockery) in damp grassland.

+‡103/1.01×02. **Geranium oxonianum** (Druce's Crane's-bill) (Pig-yr-aran Druce). Riverbank, by the Afon Ceri, Cwm-cou, SN295 420, H. Williams, 1st Aug 2017, established discards from nearby garden.

+‡103/1.02. **Geranium versicolor** (Pencilled Crane's-bill) (Pig-yr-aran Resog). Roadside verge by house, above Coed Maidie B Goddard, Llechryd, SN207 439, H. Williams, 9th Aug 2017.

‡103/1.23. **Geranium phaeum** (Dusky Crane's-bill) (Gweddw Alarus). Recently disturbed grass verge fronting hedgebank, minor road c.250 m NE of Pont Newydd/Newbridge between Ciliau Aeron and Ty Mawr Home Farm, SN509 592, S.P. Chambers, 23rd Apr 2017, one flowering, plus c. 5 juvenile plants. Last seen in the same general location here in c.1919.

116/02.1. **Echium vulgare** (Viper's-bugloss) (Gwiberlys). c.350 m N of Llanrhystud church, SN537 699, A.O. Chater, 27th May 2017, seven plants on south-facing dry grassland slope.

+118/22.1. **Lycopus europaeus** (Gypsywort) (Llyisiau'r Sipsiwn). Marsh, Felin Bedw, Plwmp, SN364 515, A.O. Chater & WWBIC recorders day, 11th Sep 2017.

+124/01.07. **Verbascum thapsus** (Great Mullein) (Pannog Felen). Building plot, Towyn Farm, Gwbart, SN163 500, H. Williams, 10th May 2017.

+124/02.2. **Scrophularia auriculata** (Water Figwort) (Gwrneth y Dŵr). Stony ground at edge farm track, Ty'n-y-castell, Devil's Bridge, SN726 772, S.P. Chambers, 4th Sep 2017.

+‡124/04.2. **Mimulus guttatus** (Monkeyflower) (Blodyn Mwnci). River shingle, confluence of the Nant Bran & Afon Arth below Pant-afallen, SN532 631, S.P. Chambers, 16th Aug 2017, locally abundant over 20-30 x 5 m in ruderal vegetation. 1st modern record for the hectad.

- +124/20.01.a. **Euphrasia officinalis subsp. pratensis**. c. 3/4km NW of Capel-y-Groes, SN518 488, S.P. Chambers, 27th May 2017, local concentrations in species-rich bank in pasture.
- +‡131/5.1. **Leycesteria formosa** (Himalayan Honeysuckle) (Bachgen Llwm). Boundary wall of property, Swyn y Nant, Llechryd, SN219 437, H. Williams, 4th Oct 2017.
- +‡131/6.1. **Lonicera pileata** (Box-leaved Honeysuckle) (Gwyddfif Llorweddol). Riverbank at edge of woodland, bank of the Afon Aeron c. 300 m WSW of Ty Glyn Aeron, c.0.5 km N of Ciliau Aeron, SN500 596, S.P. Chambers, 13th Apr 2017, one bush, c. 2 x 1 x 1 m, on river bank. The 2nd VC record of an established plant.
- *‡131/6.5. **Lonicera henryi** (Henry's Honeysuckle) (Gwyddfif Henry). Laneside hedgebank, 75 m SE of Felin Bedw, Plwmp, SN366 514, A.O. Chater & WWBIC recorders day, 11th Sep 2017, the 1st VC & Welsh record. Naturalised. **Herb. SPC**
- *131/6.fra **Lonicera fragrantissima** (Winter Honeysuckle). N bank of Afon Ystwyth by Pen-y-banc Bridge, Llanilar, SN618 757, A.O. Chater, det. J. Poland (det. date unknown), 18th Dec 2011, one shrub, c. 1.5 m tall. Persisting where planted under Salix on riverbank, **Herb. SPC**
- +133/2.1. **Valeriana officinalis** (Common Valerian) (Llyisiau Cadwgan). Ditch bordering arable field, c. 1km NE of Gwbert, SN171 508, H. Williams, 10th May 2017.
- +134/1.1. **Dipsacus fullonum** (Wild Teasel) (Cribau'r-pannwr Gwyllt). Rough ground, Ty-gwyn, c. 300 ESE of Mwnt, SN198 518, H. Williams, 5th Sep 2017.
- +135/26.rub. **Crepis rubra** (Pink Hawk's-beard). Wall base on pavement, Great Darkgate Street, Aberystwyth, SN583 815, S.P. Chambers, conf. A.O. Chater, 4 Feb 2018, 27th Aug 2017, one plant. The 2nd VCR, **Herb. SPC**
- +135/30.1. **Filago vulgaris** (Common Cudweed) (Edafeddog Lwyd). South-facing dry grassland slope, c.350 m N of Llanrhystud church, SN537 700, A.O. Chater, 27th May 2017, 1st certain record for SN57 since 1851.
- +‡135/48.1. **Tanacetum parthenium** (Feverfew) (Y Wermod Wen). Laneside, lane S of Mwnt, SN198 506, H. Williams, 30th May 2017.
- +‡135/71.4. **Petasites fragrans** (Winter Heliotrope) (Alan Pêr). c.200 m N of Pont Newydd, c. 0.5 km NE of Ciliau Aeron, SN506 593, S.P. Chambers, 13th Apr 2017, small colony, c. 2 x 1 m, on trackside verge by cottage.
- +135/86.1. **Eupatorium cannabinum** (Hemp-agrimony) (Byddon Chwerw). Flushed Molinia fen under Salix carr, below Cyn-hendryd wood, S of Cwmhendryd, SW of Falcondale, SN543 483, S.P. Chambers, 17th Sep 2017, the 1st hectad record at least for the VC46 part of the square.
- +‡148/2.4. **Lemna minuta** (Least Duckweed) (Llinad Bach). above Penrallt-Fachnog, Henllan, SN371 409, A.O. Chater, 14th Oct 2017, with Azolla filiculoides in hilltop pond; (+) pond, Felin Bedw, Plwmp, SN364 515, A.O. Chater & WWBIC recorders day, 11th Sep 2017.
- +151/1.06. **Juncus foliosus** (Leafy Rush) (Brwynen Ddeiliog). Verge of forestry road, Ystrad Einion, SN708 935, A.O. Chater, Sep 2017.
- +152/16.31 **Carex pendula** (Pendulous Sedge) (Hesgen Bendrom). Road verge, SW side of the B4574, Cwmystwyth, SN789 738, S.P. Chambers, 17th Jul 2017, one clump. The farthest inland site to-date. Undoubtedly of garden origin.

+152/16.34. **Carex strigosa** (Thin-spiked Wood-sedge) (Hesgen-y-coed Benfain). Riverside flood terrace on NE-bank of the Afon Teifi, Coedmor NNR, c. 1.5km S of Cardigan, SN1917 4377, S.P. Chambers & A. Orange, det. S.P. Chambers, 20th Jan 2017, five loosely clustered tufts. The 2nd VC record.

153/46.1.© **Polygonum monspeliensis** (Annual Beard-grass) (Barfwellt Unflwydd). Wasteground, S side of Fire Station, Trefechan, Aberystwyth, SN580 811, A.O. Chater, det. S.P. Chambers, ii 2018, 13th Jun 2017, the 4th VC record, **Herb. SPC**; (+) under pavement bench, North Road, Aberystwyth, SN585 820, D. Ardeshir, conf. S.P. Chambers, 7 vi 2017, 6th Jun 2017, one plant, probably from bird seed. 3rd VC record, **Herb. SPC**

+‡153/62.1. **Cortaderia selloana** (Pampas-grass) (Peithwellt). Roadside bank, by small ruin at T-junction 1.7 km SSW of Tre Taliesin, SN647 902, A.O. Chater, 29th May 2017, one clump. The 3rd VC record.

*†153/MIS.sin×sac. **Miscanthus ×giganteus (M. sinensis × M. sacchariflorus)**. Edge of stony track in mixed plantation woodland, lower part of Allt Ddell, W of Plas Gogerddan Lodge, near Bow Street, SN626 838, S.P. Chambers & H.F. Clow, det. S.P. Chambers, 18th Oct 2017, three young tufts, appearing self-sown, though the hybrid is said to be sterile. The 1st VC record, **Herb. SPC**

+158/35.1.‡ **Ruscus aculeatus** (Butcher's-broom) (Celynnen Fair). N of Cors Llyn Farch, c. 1 km NW of Pen-uwch, SN593 636, S.P. Chambers, 26th Mar 2017, one tenacious small bush, c. 1 x 1 x 1 ft, persisting as a relic of former planting on ground exposed by conifer clear-felling by derelict stone cottage.

MONTGOMERY, v.c.47 (comm. A.K. Thorne and G.A. Foulkes)

+005/1.1. **Ophioglossum vulgatum** (Adder's-tongue) (Tafod y Neidr). Berwyns (Hafod Hir), SJ0161 2878, T. Knight, 3rd Sep 2017, 100-120 plants in small, roughly square area of species-poor acid grassland in middle of heather moorland (!). Grassland largely dominated by Common Bent with frequent Soft-rush.

+006/1.1. **Osmunda regalis** (Royal Fern) (Rhedynden Gyfrdwy). Lake Vyrnwy (Eunant Fawr), SH9449 2313, G. Elias, 27th Jul 2017, sH94495.23139. First record for this species on the RSPB reserve.

+007/1.1. **Cryptogramma crispa** (Parsley Fern) (Rhedynden Bersli). Fronheulog (Abertridwr), SJ04 18, R.A. Dawes, 28th Jun 2017, only 1 clump on wall.

+015/2.5.b **Asplenium trichomanes subsp. quadrivalens**. Kerry Ridgeway (Cwm), SO16 87, A.K. Thorne & W.I.J. Thorne, 12th Mar 2017, on ruins.

⊗016/4.2. **Gymnocarpium robertianum** (Limestone Fern) (Rhedynden y Calchfaen). Craig Dugwm WS, SJ05551 84435, A.K. Thorne & W.I.J. Thorne, det. A.K. Thorne, conf. F.J. Rumsey, 28th May 2017, stand 3m x 0.5 on rock face. Only found in one location previously, and over 150 years ago, 2nd county record and new hectad.

+016/5.1. **Cystopteris fragilis** (Brittle Bladder-fern) (Ffiolredynen Frau). Pistyll-y-llyn, SN756 945, R. Martin, det. J. Clayfield, 28th Jun 2017, growing in old mine wheel-pit on mortar in wall (now grassed over); (+) Hengwmcyfeiliog (Talbondrain), SN78 94, J. Clayfield, R. Meade & P. Foulkes, 27th Jun 2017, growing on old mine building walls.

- +017/3.03b. **Dryopteris cambrensis**. Dylife, SN86843 93898, A.K. Thorne & G.A. Foulkes, det. A.K. Thorne, 10th Oct 2017, growing on roadside crags; (+) Aberllefenni (Coed Maes-mawr), SH77 09, A.K. Thorne, 3rd Sep 2017, woodland. Appears to be the dominant species of the Dry aff group in this woodland.
- +017/3.05. **Dryopteris aemula** (Hay-scented Buckler-fern) (Marchredynen Bêr). Llyn Clywedog (north of), SN9128 8992, A.K. Thorne & G.A. Foulkes, det. A.K. Thorne, conf. F.J. Rumsey, 10th Oct 2017, frequent growing amongst Dry dil along south bank of stream in oak wood (NNW of Fairdre Fawr) from SN91282.89921 downstream.
- +017/3.c. **Dryopteris borrieri**. Dylife, SN86709 94067, A.K. Thorne & G.A. Foulkes, det. A.K. Thorne, 10th Oct 2017; (+) Llyn Clywedog (north of), SN91 89, A.K. Thorne & G.A. Foulkes, det. A.K. Thorne, 10th Oct 2017; (+) Aberllefenni (Caecenu), SH770 092, A.K. Thorne, 3rd Sep 2017, woodland; (+) Kerry Ridgeway (Cwm), SO25 90, A.K. Thorne & W.I.J. Thorne, det. A.K. Thorne, 3rd Oct 2017, small quarry by Offa's dyke.
- +033/1.2. **Ulmus procera** (English Elm) (Llwyfen Lloegr). Foel, SH99 11, Montgomeryshire Field Society, 18th May 2017, road verge/hedgerow.
- +043/1.06. **Chenopodium rubrum** (Red Goosefoot) (Troed-yr- wŷdd Coch). Caersws, SO01 93, G.A. Foulkes & Montgomeryshire Flora Group, 9th Aug 2017.
- +043/3.02. **Atriplex prostrata** (Spear-leaved Orache) (Llygwyn Tryfal). Machynlleth, SH74 01, G.A. Foulkes, 20th Aug 2017.
- +046/05.3. **Stellaria pallida** (Lesser Chickweed) (Gwlyddyn-y-dom Bach). Kempster's Hill, SJ317 142, A.K. Thorne & W.I.J. Thorne, 8th Apr 2017, open hill; (+) Kempster's Hill, SJ319 144, A.K. Thorne & W.I.J. Thorne, 8th Apr 2017, south side of open hill; (+) Bausley Hill, SJ322 145, A.K. Thorne & W.I.J. Thorne, 8th Apr 2017, rocky outcrop.
- +046/08.1. **Myosoton aquaticum** (Water Chickweed) (Llinesg y Dŵr). Berriew, SJ19 00, J. Clayfield & Montgomeryshire Flora Group, 7th Sep 2017, riverside (R. Rhiw).
- +046/09.1. **Moenchia erecta** (Upright Chickweed) (Clust-y-llygoden Seth). Cefn Lladron, SO0588 9081, A.K. Thorne, 27th Apr 2017, large stands around summit of hill pasture; (+) Cefn Lladron, SO0589 9082, A.K. Thorne, 27th Apr 2017, one of many stands around the summit of Cefn Lladron; (+) Cefn Lladron, SO0591 9083, A.K. Thorne, 27th Apr 2017, one of many stands around the summit of Cefn Lladron; (+) Penstrowed, SO0613 9097, A.K. Thorne, 27th Apr 2017, knoll in pasture with fes ovi, Cer glo, Ero ver, Air pra, Pil off; (+) Penstrowed, SO0631 9079, A.K. Thorne, 27th Apr 2017, small stand by track; (+) Penstrowed, SO064 909, A.K. Thorne, 27th Apr 2017, frequent on other knolls in pasture, with Aphanes sp. and Ero ver. SO06429088 and SO06419088; (+) Penstrowed, SO0661 9083, A.K. Thorne, 27th Apr 2017, stands on knoll in pasture close to quarry edge.
- +046/17.3. **Spergularia marina** (Lesser Sea-spurrey) (Troellig Arfor Bach). Llyn Clywedog (north of), SN91 88, A.K. Thorne & G.A. Foulkes, det. A.K. Thorne, 10th Oct 2017; (+) Berriew, SJ19 00, A.K. Thorne, G.A. Foulkes, & Montgomeryshire Flora Group, det. A.K. Thorne, 7th Sep 2017, kerb along A483.
- +046/17.4. **Spergularia rubra** (Sand Spurrey) (Troellig Arfor Coch). Corris NE, SH76 08, H. Lewis & G. Foulkes, 8th Jul 2017; (+) Penrhiw (nr Llandinam), SO05 89, G.A.Foulkes & Montgomeryshire Flora Group, det. G. Foulkes, 19th Sep 2017,

- growing by piles of old tarmac/disturbed ground at junction of road and track to N of Penrhiw; (+) Meifod (Allt y Main), SJ163 149, S. Southam & Montgomeryshire Field Society, det. A.K. Thorne, 6th Oct 2017, patchily present along south/east sides of main track for some distance either side of GR; (+) Meifod (Allt y main), SJ16 15, A.K. Thorne & Montgomeryshire Field Society, det. A.K. Thorne, 6th Oct 2017, trackside.
- +047/1.11. **Persicaria maculosa** (Redshank) (Y Ganwraidd Goesgoch). Dovey Junction (Dyfi Junction), SN69 97, G.A. Foulkes, 6th Jul 2017, along track to rail station and platform environs (VC 47 only).
- +047/8.10. **Rumex hydrolapathum** (Water Dock) (Tafolen y Dŵr). Dolfor (Cwm-Weeg), SO12 88, A.K. Thorne & W.I.J. Thorne, 11th Jun 2017, pool, probably planted.
- +047/8.14. **Rumex conglomeratus** (Clustered Dock) (Tafolen Fair). Cwm Ffrydian (Llanwrin), SH78 05, J. Clayfield, R. Meade & P. Foulkes, 26th Jun 2017.
- +051/1.03. **Hypericum androsaemum** (Tutsan) (Dail y Beiblau). Aberllefeni (Llwydiarth), SH78006 10475, A.K. Thorne, G.A. Foulkes, J. Thorne & P. Foulkes, det. A.K. Thorne, 20th Oct 2017, south river bank; (+) New Mills, SJ09 01, A.K. Thorne & Montgomeryshire Flora Group, 4th May 2017; (+) Gwernydd (New Mills), SJ09 02, A.K. Thorne & Montgomeryshire Flora Group, 4th May 2017.
- +051/1.06×07. **Hypericum ×desetangsii (H. perforatum × H. maculatum)** (Des Etangs' St John's-wort) (Eurinllys Des Etangs). Meifod, SJ15 13, A.K. Thorne & Montgomeryshire Field Society, det. A.K. Thorne, 6th Oct 2017, lane-side verge and hedgerow; (+) Meifod, SJ15 14, A.K. Thorne & Montgomeryshire Field Society, det. A.K. Thorne, 6th Oct 2017, track-side verges and hedgerows.
- +062/12.3. **Rorippa islandica** (Northern Yellow-cress) (Berwr Melyn Gogleddol). Pontdolgoch (Tir-brwnt), SO0004 9282, J. Clayfield & Montgomeryshire Flora Group, det. T.C.G. Rich, conf. T.C.G. Rich on 9th Sept 2017, 9th Aug 2017, growing in field entrance. Voucher specimen collected by G.A. Foulkes and lodged with NMW. 2nd VC 47 record.
- +062/12.5. **Rorippa sylvestris** (Creeping Yellow-cress) (Berwr Melyn Ymlusgol). Dol-las, SJ20 00, A.K. Thorne, G.A. Foulkes, & Montgomeryshire Flora Group, det. A.K. Thorne, G.A. Foulkes, 7th Sep 2017, small quantity on island in R. Severn.
- +062/22.3. **Erophila glabrescens** (Glabrous Whitlowgrass) (Llyisiau'r-bystwn Llyfn). Hyssington, SO31 94, A.K. Thorne, 31st Mar 2017, rocky outcrop.
- +‡062/31.2. **Lepidium didymum** (Lesser Swine-cress) (Olbrain Bach). Dovey Junction (Dyfi Junction), SN69 97, G.A. Foulkes, 6th Jul 2017, along track to rail station and platform environs (VC 47 only).
- +065/12.3. **Erica tetralix** (Cross-leaved Heath) (Grug Croesddail). Corndon Cottage, SO311 972, R. Rowe, Jul 2017.
- +065/7.1. **Andromeda polifolia** (Bog-rosemary) (Andromeda'r Gors). Waun Fign, SH87 10, M. Lawley, Jun 2017.
- +069/1.3. **Primula veris** (Cowslip) (Briallen Fair). Hafod y Beudy WS, SH980 073, D. Hodgkiss, 3rd Jul 2017, central GR.
- +069/6.2.a. **Anagallis arvensis subsp. arvensis** (Scarlet Pimpernel). Dovey Junction (Dyfi Junction), SN69 97, G.A. Foulkes, 6th Jul 2017, along track to rail station and platform environs (VC 47 only).

- +‡073/1.3. **Crassula helmsii** (New Zealand Pigmyweed) (Corchwyn Seland Newydd). Cwm Twrch, Foel, SH98 13, R.A. Dawes, 18th May 2017.
- *‡075/18.1. **Acaena novae-zelandiae** (Pirri-pirri-bur) (Pirri-pirri). Machynlleth (SE of), SN77 97, G.A. Foulkes, W.I.J. Thorne & P. Spencer-Vellacott, 27th Jun 2017, growing on both sides of forestry track; (*) Hengwm (nr Talbontdrain), SN79 95, J. Clayfield, R. Meade & P. Foulkes, 27th Jun 2017; (*) Centre for Alternative Technology, SH75 04, S. Southam & Montgomeryshire Field Society, det. A.K. Thorne, 25th Apr 2017, woodland trail.
- +075/19.14. **Alchemilla glabra** (Mantell-Fair Lefn). Mynachdy (Talbontdrain), SN78 95, J. Clayfield, R. Meade & P. Foulkes, 27th Jun 2017; (+) Cwm Ffrydylan upper (Llanwrin), SH78 04, J. Clayfield, R. Meade & P. Foulkes, 26th Jun 2017.
- +075/21.12.Dum. **Rosa canina group 'Dumales'**. Penybontfawr, SJ0879 2433, S. Swindells, det. Maskew, R., 2nd Sep 2017, in laneside hedgerow in Ffordd Goed; (+) Meifod, SJ15 14, A.K. Thorne & Montgomeryshire Field Society, det. A.K. Thorne, 6th Oct 2017, lane-side hedgerow.
- +075/21.12.Pub. **Rosa canina group 'Pubescentes'**. Kerry Rideway (Cwm), SO24 89, A.K. Thorne & W.I.J. Thorne, 3rd Oct 2017, laneside hedges and verges; (+) Berriew, SJ19 00, A.K. Thorne, G.A. Foulkes, & Montgomeryshire Flora Group, det. A.K. Thorne, 7th Sep 2017, several bushes in field hedgerow near river; (+) Trehelig, SJ21 02, A.K. Thorne & W.I.J. Thorne, 29th Sep 2017, flood plain; (+) Trehelig, SJ21 03, A.K. Thorne & W.I.J. Thorne, 29th Sep 2017, track sides in flood plain.
- +075/21.13b×12. **Rosa caesia subsp. vosagiaca** × **R. canina**. Long Mountain, SJ281 075, A.K. Thorne, det. Maskew, R., 13th Sep 2017, hedgerow.
- +075/22.11. **Prunus padus** (Bird Cherry) (Coeden Geirios yr Adar). Dol-las, SJ20 00, A.K. Thorne, G.A. Foulkes, MFG, 7th Sep 2017, hedgerow/planted row of trees, possibly planted; (+) Severn Farm Pond, SJ228 068, H. Siddons & Friends of Severn Farm Pond, 15th May 2017, central GR.
- *‡075/32.mai. **Cotoneaster mairei** (Maire's Cotoneaster) (Cotoneaster Maire). Pontdolgoch, SO00 93, G.A. Foulkes & Montgomeryshire Flora Group, 9th Aug 2017, self-seeded in hedge.
- +077/14.08. **Vicia tetrasperma** (Smooth Tare) (Ffacbysen Lefn). Pontdolgoch, SO00 93, G.A. Foulkes & Montgomeryshire Flora Group, 9th Aug 2017.
- +077/19.11. **Trifolium campestre** (Hop Trefoil) (Meillionen Hopysaidd). Lluest-ddu (Abertridwr), SJ04 19, R.A. Dawes, 27th Aug 2017, forestry.
- *‡077/19.19.a. **Trifolium incarnatum subsp. incarnatum** (Crimson Clover) (Meillionen Waetgoch). Buttington, SJ2479 0891, A. Shaw, 11th Oct 2017, small colony on edge of A458 at Buttington.
- +084/1.01. **Epilobium hirsutum** (Great Willowherb) (Helyglys Pêr). Dovey Junction (Dyfi Junction), SN69 97, G.A. Foulkes, 6th Jul 2017, along track to rail station and platform environs (VC 47 only).
- +084/1.05. **Epilobium tetragonum** (Square-stalked Willowherb) (Helyglys Pedronglog). Llyn Clywedog (north of), SN91 89, A.K. Thorne & G.A. Foulkes, det. A.K. Thorne, 10th Oct 2017.
- +088/1.1. **Euonymus europaeus** (Spindle) (Piswydden). Llangurig (Dolfach), SN91 76, D. Ardshire, Aug 2017.

- +‡103/1.14. **Geranium pyrenaicum** (Hedgerow Crane's-bill) (Pig-yr-aran y Gwrych). Caersws, SO02 91, G.A. Foulkes, 9th Oct 2017, road verge opposite housing.
- +103/1.16. **Geranium molle** (Dove's-foot Crane's-bill) (Pig-yr-Aran). Dovey Junction (Dyfi Junction), SN69 97, G.A. Foulkes, 6th Jul 2017, along track to rail station and platform environs (VC 47 only).
- +‡106/1.hib. **Hedera hibernica**. Pontdolgoch, SO00 93, G.A. Foulkes, A. Foulkes & Montgomeryshire Flora Group, 9th Aug 2017; (+) Penybontfawr, SJ087 248, S. Swindells, 9th Apr 2017, spread along verge of riverside lane; (+) Parc Farm, SJ092 245, S. Swindells, 23rd Apr 2017, on verge & floor of small coppice.
- *107/40.1.a. **Pastinaca sativa subsp. sativa** (Wild Parsnip) (Panasen Wyllt). Dovey Junction (Dyfi Junction), SN69 98, G.A. Foulkes, 6th Jul 2017, along track to rail station and platform environs (VC 47 only).
- +108/3.2. **Centaureum erythraea** (Common Centaury) (Y Ganrhi Goch). Bryn yr Oerfa (Staylitttle), SN902 942, G.A. Foulkes, 22nd Aug 2017, by forestry track.
- +111/2.1. **Convolvulus arvensis** (Field Bindweed) (Cwlwm y Cythraul). Pontdolgoch, SO00 93, G.A. Foulkes & Montgomeryshire Flora Group, 9th Aug 2017; (+) Penybontfawr, SJ0884 2470, S. Swindells, 4th Jul 2017, along edge of roadside garden.
- +113/2.1. **Nymphoides peltata** (Fringed Water-lily) (Lili'r-dŵr Eddiög). Montgomery Canal, Berriew, SJ189 007, A.K. Thorne & R.G. Thorne, 14th Nov 2017, very small quantity; (+) Berriew (Refail), SJ1924 0009, S. Southam & Montgomery Flora Group, det. A.K. Thorne, 7th Sep 2017, large stand in broad area of canal where canal meets the B4385.
- *116/03.5. **Pulmonaria longifolia** (Narrow-leaved Lungwort) (Llyisiau'r-Ysgyfaint Hirddail). Centre for Alternative Technology, SH75 04, S. Southam & Montgomeryshire Field Society, det. S. Southam, 25th Apr 2017.
- +118/01.5×6. **Stachys ×ambigua (S. sylvatica × S. palustris)** (Hybrid Woundwort) (Briwllys Croesryw). Caersws, SO01 93, G.A. Foulkes & Montgomeryshire Flora Group, 9th Aug 2017; (+) Dol-las, SJ20 00, J. Clayfield & Montgomeryshire Flora Group, 7th Sep 2017, in oxbow, west side of R. Severn.
- *‡124/02.5. **Scrophularia vernalis** (Yellow Figwort) (Gwrnerth Melyn). Penybontfawr, SJ081 241, S. Swindells, 26th Mar 2017, few plants on verge.
- *‡124/14.2. **Digitalis lutea** (Straw Foxglove) (Bysedd-y-cŵn melyn). Penybontfawr, SJ0834 2430, S. Swindells, conf. M. Duffell, 2nd Jul 2017, 2 flowering plants on verge approx 140 mtrs from property.
- +124/16.08. **Veronica montana** (Wood Speedwell) (Rhwyddlwyn y Coed). Llangurig (Dolfach), SN9116 7726, D. Ardshire, Aug 2017, sN91161.77261. Steep rocky banks supporting open acid grassland with NG flat roadside verge.
- +124/20.03. **Euphrasia officinalis subsp. anglica** (Effros Lloegr). Lower View (Sarn), SO211 897, S. Attwood-Wright, det. C. Metherell, Jul 2017.
- *124/20.05×07. **Euphrasia arctica × nemorosa**. Abergwydol, SH796 023, G.A. Foulkes, det. C. Metherell, 9th Jun 2017, c. Metherell ref no 2017/75.
- +124/20.18×19. **Euphrasia ×electa (E. micrantha × E. scottica)**. Pistyll-y-llyn, SN7542 9439, A.K. Thorne & Montgomeryshire Flora Group, det. G.A. Foulkes, conf. C. Metherell on 23 July 2017, 28th Jun 2017, growing with *Calluna* on steep gravelly slope. 2nd county record and new hectad.

- +130/6.03. **Galium uliginosum** (Fen Bedstraw) (Briwydd y Fign). Adfa (Mynydd Argoed), SO04 98, A.K. Thorne & Montgomeryshire Flora Group, det. A.K. Thorne, 11th Jul 2017, base-enriched flush.
- +130/6.06. **Galium verum** (Lady's Bedstraw) (Briwydd Felen). Penybont Llanerch Emrys (Sycamore Cottage), SJ19 22, R.A. Dawes & A.K. Thorne, 2nd Jun 2017, grassland.
- +135/01.1.sl. **Arctium lappa**. Pontdolgoch, SO01 93, G.A. Foulkes & Montgomeryshire Flora Group, det. G.A. Foulkes, 9th Aug 2017, along edge of maize field close to Afon Carno.
- +‡135/19.1. **Tragopogon pratensis** (Goat's-beard) (Barf-yr-afr). Dovey Junction (Dyff Junction), SN69 97, G.A. Foulkes, 6th Jul 2017, along track to rail station and platform environs (VC 47 only).
- +‡135/22.1. **Lactuca serriola** (Prickly Lettuce) (Letusen Bigog). Montgomery Canal, Four Crosses, SJ26 17, R.A. Dawes, 1st Jul 2017, roadside verge.
- +135/25.04.35. **Taraxacum faeroense** (Faeroes Dandelion). Cors Llanllugan, SJ065 029, A.K. Thorne, det. A.J. Richards, 18th May 2017, in rush pasture on edge of Cors Llanllugan SSSI.
- +135/48.3. **Tanacetum vulgare** (Tansy) (Tansi). Penybontfawr, SJ08 24, S. Swindells, 2nd Jul 2017.
- +‡135/59.1. **Matricaria chamomilla** (Scented Mayweed) (Amranwen Bêr). Seven Wells, SO06 84, A.K. Thorne & W.I.J. Thorne, 28th May 2017.
- *‡135/80.2. **Galinsoga quadriradiata** (Shaggy-soldier) (Galinsoga Blewog). Machynlleth, SH748 008, D. Elias, det. A.O. Chater, 27th Jul 2017, 30 plants, some flowering, around the entrance to main car park.
- +142/1.01. **Potamogeton natans** (Broad-leaved Pondweed) (Dyfrllys Llydanddail). Kerry Ridgeway (Pantglas), SO24 89, A.K. Thorne, 7th Mar 2017, pool.
- +152/16.07. **Carex spicata** (Spiked Sedge) (Hesgen Ysbigog Borffor). Cemmaes Road (E of), SH83 03, A.K. Thorne, A. Evans & G. Evans, det. J. Clayfield & A.K. Thorne, 26th Jun 2017, lane hedgerows/verges.
- +152/16.23. **Carex hirta** (Hairy Sedge) (Hesgen Flewog). Tregynon, SO08 98, A.K. Thorne & Montgomeryshire Flora Group, 7th Jun 2017.
- +152/16.25. **Carex acutiformis** (Lesser Pond-sedge) (Hesgen -y-dŵr Fach). Cwm Twrch, Foel, SH98 13, R.A. Dawes, 18th May 2017.
- +152/16.31 **Carex pendula** (Pendulous Sedge) (Hesgen Bendrom). Centre for Alternative Technology, SH75 04, S. Southam & Montgomeryshire Field Society, det. S. Southam, 25th Apr 2017; (+) Cwm Ffrydilan (W of Llanwrin), SH77 03, G.A. Foulkes, S. Turner & W.I.J. Thorne, 26th Jun 2017; (+) Foel, SH99 11, Montgomeryshire Field Society, det. A.K. Thorne, 18th May 2017, woodland.
- +152/16.34. **Carex strigosa** (Thin-spiked Wood-sedge) (Hesgen-y-coed Benfain). Gaer Fawr, SJ218 129, S. Southam, det. A.K. Thorne, 10th Apr 2017, several plants in neglected damp roadside patch below road level and close to small stream.
- +152/16.47. **Carex pallescens** (Pale Sedge) (Hesgen Welw). Penybont Llanerch Emrys (Sycamore Cottage), SJ19 22, R.A. Dawes & A.K. Thorne, 2nd Jun 2017, mire in Cae Draw.

- +152/8.1. **Isolepis setacea** (Bristle Club-rush) (Clwbfrwynen Wrychog). Pontdolgoch, SO00 93, G.A. Foulkes & Montgomeryshire Flora Group, 9th Aug 2017.
- +153/12.02. **Schedonorus arundinaceus** (Tall Fescue) (Peiswellt Tal). Llangurig (Cil-Gwrgan), SN91 78, D. Ardshire, Aug 2017, road verges.
- +153/12.03. **Festuca gigantea** (Giant Fescue) (Peiswellt Mawr). Bont Dolgadfan south, SN88 99, G.A. Foulkes, 16th Jun 2017.
- +153/24.1. **Glyceria maxima** (Reed Sweet-grass) (Melyswellt y Gamlas). Lluest-ddu (Abertridwr), SJ04 19, R.A. Dawes, 28th May 2017, pool.
- +153/35.1. **Aira caryophylla** (Silver Hair-grass) (Brigwellt Arian). Brithdir SSSI, SO30 94, R. Rowe, Jul 2017.
- +153/39.8. **Agrostis vinealis** (Brown Bent) (Maeswellt-y-cŵn y Mynydd). Llangurig (E of), SN92441 79914, D. Ardshire, Aug 2017, a sublime area of damp acid grassland on a bank, small but in a mosaic with MG and open woodland; (+) Penrhiw (nr Llandinam), SO05 89, G.A. Foulkes, 19th Sep 2017.
- +153/55.1. **Elymus caninus** (Bearded Couch) (Marchwellt y Coed). Penybontfawr, SJ08 24, S. Swindells, 2nd Jul 2017.
- *‡153/68.1.© **Echinochloa crus-galli** (Cockspur) (Cibogwellt Rhydd). Caersws, SO0289 9186, G.A. Foulkes, 9th Oct 2017, 2 plants growing on north side of railway crossing at Caersws.
- +155/1.1. **Typha latifolia** (Bulrush) (Cynffon y Gath). Cwm Twrch, Foel, SH98 13, R.A. Dawes, 18th May 2017; (+) Hyssington, SO31 94, A.K. Thorne, 31st Mar 2017, pool.
- +159/05.03. **Iris pseudacorus** (Yellow Iris) (Gellesgen). Cwm Twrch, Foel, SH98 13, R.A. Dawes, 18th May 2017.
- +162/13.1. **Platanthera chlorantha** (Greater Butterfly-orchid) (Tegeirian Llydanwyrdd). Penygarneidd (Hafotty Ganol), SJ10 22, S. Swindells & A.K. Thorne, 14th Jun 2017, frequent in small meadows with some associated scrub.
- +162/18.2. **Dactylorhiza maculata** (Heath Spotted-orchid) (Tegeirian Brych y Rhos). Henglog, Bettws Cedewain, SO102 957, A.K. Thorne, 9th Jun 2017, one of two diverse grassland fields to west of Henglog Dingle, also some rush pasture

MERIONETH, v.c.48 (comm. S. Stille)

- c1-4-tra **Nitella translucens** (Translucent Stonewort). West slopes of Moelfre, SH72C, S.C. Peacock & M. Crittenden, 29th Jun 2017, 1st record for hectad since 1970.
- 010/1.1. **Hymenophyllum tunbrigense** (Tunbridge Filmy-fern) (Rhodynach Teneuwe Tunbridge). Coed Dolbebin, SH6147 2821, H.M. Garrett & Merioneth Naturalists/Grwp Natur Meirionnydd, 2nd 2016, 1st post-1970 record for this RPR taxon; Llyn Du, SH6559 2930, T. Knight, 1st Jul 2017, 2nd post-1970 record for this RPR taxon.
- 010/2.1. **Trichomanes speciosum** (Killarney Fern) (Rhedynen Cilarne). Cader Idris, SH71, R.L. Hodd, 1st Dec 2017, update of A.O. Chater's 1992 record.
- ☐+030/1.5. **Papaver dubium s.s.** (Pabi Hirben). Aberdyfi (Trefeddiian Hotel), SN59 96, C.M. Lovatt, R.A. Jones & M.O. Stead, 24th Jul 2017.
- +‡040/2.2. **Alnus incana** (Grey Alder) (Gwernen Lwyd). Nant Las, SH71 23, P. Spencer-Vellacott, P.L. Brown & C.M. Lovatt et al., 23rd Jul 2017.

- ☐+043/3.10. **Atriplex portulacoides** (Sea-purslane) (Llygwyn Llwydwy). Smugglers Cove, SN661 972, A.N. Graham & Merioneth Naturalists/Grwp Natur Meirionnydd, 25th May 2017.
- +046/10.1. **Sagina nodosa** (Knotted Pearlwort) (Corwlyddyn Clymog). Crawcwellt, SH63V, S.C. Peacock & M. Crittenden, 21st Jul 2017.
- +047/8.15×19. **Rumex ×dufftii**. Rhoslefain, SH57 05, G.M. Kay & M.O. Stead, det. J.R. Akeroyd, 21st Jul 2017, Herb.MOS
- ☐+057/1.01.‡ **Viola odorata** (Sweet Violet) (Fioled Bêr). Coed Cymerau, SH64W, Merioneth Naturalists/Grwp Natur Meirionnydd, 2017, new hectad for this doubtfully native taxon.
- +062/21.4.‡ **Draba muralis** (Wall Whitlowgrass) (Llyisiau'r-bystwn y Muriau). Cefn Prys, SH86 30, D.O. Elias, det. A.O. Chater, 1st Apr 2017, new hectad record.
- †062/35.1. **Sinapis arvensis** (Charlock) (Mwstard Gwyllt). Llanelltyd, SH71E, C.M. Lovatt, 20th Jul 2017, 1st hectad record since 1969 and only the 3rd vc record this millennium.
- +†062/7.2. **Erysimum cheiri** (Wallflower) (Blodyn y Fagwyr). Aberdyfi (Trefeddian Hotel), SN59 96, C.M. Lovatt, R.A. Jones & M.O. Stead, 24th Jul 2017.
- +‡069/4.5. **Lysimachia punctata** (Dotted Loosestrife) (Trewyn Brych). Bryn Dinas, SN69J, S.E. Stille, D.O. Elias & G. Lloyd, 22nd Aug 2017.
- 074/05.19. **Saxifraga tridactylites** (Rue-leaved Saxifrage) (Tormaen Tribys). Fegla Fawr, SH62 14, P. Foulkes & G. Foulkes, 26th Apr 2017, 1st hectad record post-2000.
- ☐+075/19.10.b. **Alchemilla filicaulis subsp. vestita** (Mantell-Fair Flewog). Bod Petryal, SJ05F, S.E. Stille, 13th Aug 2017, 1st hectad record but perhaps no longer Scarce.
- ☐+075/21.19. **Rosa micrantha** (Small-flowered Sweet-briar) (Drysien Bêr Fân-flodeuog). Llanbedr W, SH52Y, S.E. Stille & Caerdeon Group, 23rd Jul 2017.
- +‡075/22.03. **Prunus cerasifera** (Cherry Plum) (Coeden Goeg-geirios). Llanelltyd, SH71E, S.E. Stille, 11th Jul 2017, new hectad for this scarce or somewhat underrecorded tree.
- +075/22.11. **Prunus padus** (Bird Cherry) (Coeden Geirios yr Adar). Peniarth Uchaf, SH631 074, Merioneth Naturalists/Grwp Natur Meirionnydd, 27th Apr 2017.
- +‡084/4.3. **Oenothera biennis** (Common Evening-primrose) (Melyn yr Hwyr). Bryn-crug, S of Dysynni Bridge, SH60 03, S.E. Stille, C.M. Lovatt & G.M. Kay, 21st Jul 2017.
- *‡091/2.16.b. **Euphorbia amygdaloides subsp. robbiae**. Llanbedr W, SH52Y, S.E. Stille & Caerdeon Group, 23rd Jul 2017, 1st VC record.
- *‡091/2.17. **Euphorbia characias** (Mediterranean Spurge) (Llaethlys Môr y Canoldir). Llanbedr W, SH52Y, S.E. Stille & Caerdeon Group, 23rd Jul 2018, 1st VC record.
- ☐+107/20.1. **Aethusa cynapium** (Fool's Parsley) (Geuberllys). Maentwrog, SH66 40, S.E. Stille & A.N. Graham, 20th Oct 2017, 1st hectad record for this Scarce taxon.
- +110/2.1. **Lycium barbarum** (Duke of Argyll's Teaplant) (Ysbeinwydden Hardd). Aberdyfi (Trefeddian Hotel), SN59 96, C.M. Lovatt, R.A. Jones & M.O. Stead, 24th Jul 2017, 2nd VC and new hectad record.

- ‡111/3.3. **Calystegia pulchra** (Hairy Bindweed) (Tagllys Blewog). Llan Ffestiniog, SH70 42, Merioneth Naturalists/Grwp Natur Meirionnydd, 27th Sep 2017, first hectad record since 1987.
- ⊗‡116/12.2. © **Amsinckia micrantha** (Common Fiddleneck) (Amsincia). Aberdyfi (S of Railway Station), SH71 23, C.M. Lovatt, R.A. Jones & M.O. Stead, 24th Jul 2017, first documented VC record. Although Flowering Plants of Wales refers to a Wild Flower Society record from SH50 in 1974 there seems now to be no trace.
- ⊕‡118/01.8. **Stachys arvensis** (Field Woundwort) (Briwllys y Tir Âr). Aberdyfi (Trefeddian Hotel), SN5982 9654, C.M. Lovatt & R.A. Jones, 24th Jul 2017.
- +118/02.1. **Ballota nigra** (Black Horehound) (Marddanhadlen Ddu). Aberdyfi (Trefeddian Hotel), SN59 96, C.M. Lovatt, R.A. Jones & M.O. Stead, 24th Jul 2017, apparently the first VC record since 1970.
- +124/16.08. **Veronica montana** (Wood Speedwell) (Rhwyddlwyn y Coed). Wet woodland, Peniarth Uchaf, SH628 074, Merioneth Naturalists/Grwp Natur Meirionnydd, 27th Apr 2017.
- ⊕+124/20.18. **Euphrasia micrantha** (Purple-stemmed Eyebright) (Effros Mân-floedeuog). Maescaerau, SH63 35, J.M. Langton, det. C.J. Metherall, 25th Jul 2017.
- 130/6.01. **Galium boreale** (Northern Bedstraw) (Briwydd y Gogledd). Cliff, Tanrallt, SH76576 37555, G. Elias, 15th Jun 2017, a new site tho not a new hectad record for this Rare taxon.
- ⊕+135/05.4. **Carduus nutans** (Musk Thistle) (Ysgallen Bendrom). Aberdyfi (Trefeddian Hotel), SN59 96, C.M. Lovatt, R.A. Jones & M.O. Stead, 24th Jul 2017, 1st hectad record for a Scarce species; (⊕+) Aberdyfi (Railway Station), SN60 96, C.M. Lovatt, R.A. Jones & M.O. Stead, 24th Jul 2017, 1st hectad record for a Scarce species.
- ⊗135/35.3. **Inula conyzae** (Ploughman's-spikenard) (Meddyg y Bugail). Aberdyfi (Railway Station), SN60 96, C.M. Lovatt, R.A. Jones & M.O. Stead, 24th Jul 2017, 1st hectad record since 1963.
- 143/1.1. **Ruppia maritima** (Beaked Tasselweed) (Tusw Arfor). Llanbedr, Pensarn Station, SH57 27, S.D.S. Bosanquet, det. C.D. Preston, 19th Aug 2017, photo held by VCR.
- +‡148/2.4. **Lemna minuta** (Least Duckweed) (Llinad Bach). Afon Dysynni, SH59 02, S.E. Stille, C.M. Lovatt & G.M. Kay, 22nd Jul 2017, 2nd VC and new hectad record.
- 153/14.1. **Vulpia fasciculata** (Dune Fescue) (Peisgwellt y Twyni). Aberdyfi (Trefeddian Hotel), SN59 96, C.M. Lovatt, R.A. Jones & M.O. Stead, 24th Jul 2017.
- 153/26.1. **Avenula pubescens** (Downy Oat-grass) (Ceirchwellt Blewog). Aberdyfi (Trefeddian Hotel), SN59 96, C.M. Lovatt, R.A. Jones & M.O. Stead, 24th Jul 2017, post-2000 hectad update.
- ⊗153/46.1. **Polypogon monspeliensis** (Annual Beard-grass) (Barfwellt Unflwydd). Aberdyfi (Trefeddian Hotel), SN59 96, C.M. Lovatt & R.A. Jones, 24th Jul 2017.
- +‡153/59.1. **Hordeum distichon** (Two-rowed Barley) (Haidd Dwyresog). Aberdyfi (Trefeddian Hotel), SN59 96, C.M. Lovatt, R.A. Jones & M.O. Stead, 24th Jul 2017.
- +153/59.2. **Hordeum murinum** (Wall Barley) (Haidd y Mur). Llanelltyd, SH71E, S.E. Stille, 11th Jul 3017.
- *‡153/68.1. **Echinochloa crus-galli** (Cockspur) (Cibogwellt Rhydd). Maentwrog, SH66 40, S.E. Stille & A.N. Graham, 10th Oct 2017, 1st VC record.

- +‡153/70.1. **Setaria viridis** (Green Bristle-grass) (Cibogwellt Gwyrddlas). Maentwrog, SH66 40, S.E. Stille & A.N. Graham, 10th Oct 2017, 1st hectad and 2nd VC record post-2000.
- ☐+162/03.4. **Epipactis helleborine** (Broad-leaved Helleborine) (Y Galdrist Lydanddail). Bod Petryal, SJ036 510, S.E. Stille, 13th Aug 2017, new hectad for this Scarce taxon.
- 162/06.2. **Neottia cordata** (Lesser Twayblade) (Caineirian Bach). Craig y Ganllwyd, SH70 26, T. Knight, 8th Jul 2017, 1st record for the hectad since before 1969.
- +162/18.5. **Dactylorhiza purpurella** (Northern Marsh-orchid) (Tegeirian-y-gors Gogleddol). Graigddu-isaf, SH6794 2975, T. Knight, 1st Jul 2017

CAERNARFON, v.c.49 (comm. W. McCarthy)

- +006/1.1. **Osmunda regalis** (Royal Fern) (Rhedynen Gyfrdwy). Undercliff, Menai Strait, Bangor, SH53 70, J. Driver, 15th May 2017.
- +‡020/7.4. **Pinus pinaster** (Maritime Pine) (Pinwydden Arfor). Plantation, Mynytho, SH29 31, Caerns Recording Group, 7th Apr 2017.
- *‡028/03.arg. **Helleborus argutifolius** (Corsican Hellebore) (Crafanc-yr-arth Corsica). Sandy path edge above beach, Deganwy, SH77 80, W. McCarthy, 28th Jan 2017, previously reported by I. Fraser but only recently identified, **F**
- +028/13.18. **Ranunculus hederaceus** (Ivy-leaved Crowfoot) (Crafanc-y-frân Dail Eiddew). Field pond, Glanwydden, SH82 80, W. McCarthy, 6th Jun 2017.
- +‡029/1.9. **Berberis darwinii** (Darwin's Barberry) (Pren Melyn Darwin). Grass verge, Mynytho, SH30 31, Caerns Recording Group, 7th Apr 2017.
- +‡039/2.1.© **Nothofagus obliqua** (Roble) (Ffawyddden Ddeheuol Roble). Edge of car park, Beddgelert, SH58 48, Caerns Recording Group, 8th Sep 2017.
- +043/1.06. **Chenopodium rubrum** (Red Goosefoot) (Troed-yr-ŵydd Coch). Arable field edge, Abergwyngregyn, SH64 73, W. McCarthy & M. Roberts, 4th Oct 2017; (+) disturbed roadside verge, Conwy, SH76 78, W. McCarthy, 28th Jul 2017.
- +‡043/1.08. **Chenopodium polyspermum** (Many-seeded Goosefoot) (Troed-yr-ŵydd Amlhadog). Poly tunnel at university farm, Abergwyngregyn, SH65 73, W. McCarthy, 11th Jun 2017.
- +‡043/1.13. **Chenopodium ficifolium** (Fig-leaved Goosefoot) (Troed-yr-ŵydd Dail Ffigys). Disturbed roadside verge, Conwy, SH76 78, W. McCarthy, 28th Jul 2017.
- *043/3.03×04. **Atriplex ×taschereaui** (Taschereau's Orache) (Llygwyn Taschereau). Seashore strandline, Criccieth, SH47 37, I. Rees & J. Rees, 21st Sep 2013, 1 plant with bracteoles up to 16mm length.
- *043/3.05. **Atriplex praecox** (Early Orache) (Llygwyn Cynnar). Shingle beach, at least 10 plants, Caernarfon, SH45 59, I. Rees & J. Rees, conf. J. Akeroyd, 2nd Sep 2017, first record for Wales.
- +043/6.2. **Salicornia ramosissima** (Purple Glasswort) (Llyrllys Porffor). Near mouth of Afon Gwyrfai, Caernarfon, SH45 59, I. Rees & J. Rees, 2nd Sep 2017.
- +‡045/2.1. **Claytonia perfoliata** (Springbeauty) (Porpin y Gwanwyn). Pavement edge, Llandudno Junction, SH79 77, W. McCarthy, 30th Apr 2017.

- +047/8.15×19. **Rumex ×dufftii**. Bank beside footpath, Great Orme Llandudno, SH77 82, S. Clarkson, 2nd Sep 2017, Wildflower Society Meeting.
- +051/1.04. **Hypericum hircinum** (Stinking Tutsan) (Dail-y-Beiblau Drewllyd). Cracks in wall, Llanbedrog, SH32 31, W. McCarthy, 15th Oct 2017.
- +‡057/1.11×12×alt. **Viola ×wittrockiana** (Garden Pansy) (Trilliw'r Gerddi). Sandy waste ground, Morfa Bychan, SH54 36, W. McCarthy, 27th Aug 2017.
- +‡061/1.1×2. **Populus ×canescens** (Grey Poplar) (Poplysen Lwyd). Field edge, Llangwstenin, SH81 77, W. McCarthy, 25th Jul 2017.
- +‡062/14.4. **Cardamine raphanifolia** (Greater Cuckooflower) (Blodyn Llefrith Mawr). River bank, Talybont, SH77 69, W. McCarthy, 26th Mar 2017.
- +069/1.1×3. **Primula ×polyantha cultivar** (Cultivated Primrose) (Briallen Groesryw). Grass verge, Mynytho, SH30 31, Caerns Recording Group, 7th Apr 2017, garden escapes, several plants in different colours.
- +‡073/5.17. **Sedum dasyphyllum** (Thick-leaved Stonecrop) (Briweg Dewddail). Wall in lane, Llangwstenin, SH81 78, W. McCarthy, 25th Jul 2017.
- +‡075/08.0.02. **Rubus tricolor** (Chinese Bramble) (Llwyn Mwyar Trilliw). Pavement edges, Beddgelert, SH58 48, Caerns Recording Group, 8th Sep 2017.
- +‡075/08.05.134. **Rubus armeniacus**. Hedgebank in lay-by, Llanfairfechan, SH67 75, W. McCarthy, 11th Aug 2017; (+) hedge by fence, Deganwy, SH78 79, W. McCarthy, 15th Aug 2017; (+) artificial earth bank, Bryn Pydew, SH81 79, W. McCarthy, 6th Jun 2017.
- +075/08.07.174. **Rubus wirralensis**. Hedge by gateway, Llangwnnagl, SH19 32, D.P. Earl, 21st Jul 2017, BSBI Rubus meeting.
- +075/08.08.185. **Rubus griffithianus**. Hedge in lane, Mynydd Rhiw, SH23 29, D.P. Earl, 22nd Jul 2017, BSBI Rubus meeting; (+) bank above stream, Garn Fadryn, SH27 34, D.P. Earl, 23rd Jul 2017, BSBI Rubus meeting.
- +075/08.11.287. **Rubus semiglaber**. Lane bank bordering heathland, Garn Fadryn, SH27 34, D.P. Earl, 23rd Jul 2017, BSBI Rubus meeting.
- +075/08.11.seg. **Rubus segontii**. Hedge in lane, Mynydd Rhiw, SH23 29, D.P. Earl, 22nd Jul 2017, BSBI Rubus meeting.
- +075/08.13.311. **Rubus intensor**. Hedge in lane, Llangwnnagl, SH19 32, D.P. Earl, 21st Jul 2017, BSBI Rubus meeting.
- +075/08.13.319. **Rubus tuberculatus**. Hedgerow by footpath, Porth Colmon, SH19 33, D.P. Earl, 21st Jul 2017, BSBI Rubus meeting.
- +‡075/19.15. **Alchemilla mollis** (Garden Lady's-mantle) (Mantell-Fair y Gerddi). Edge of footpath, Llanbedrog, SH32 31, W. McCarthy, 15th Oct 2017.
- +‡075/22.03. **Prunus cerasifera** (Cherry Plum) (Coeden Goeg-geirios). Hedge by gateway, Dylasau, Penmachno, SH82 52, W. McCarthy, 8th Mar 2017; (+) ancient hedge, Penrhynside, SH80 81, W. McCarthy, 12th Feb 2017.
- +‡075/22.05.b. **Prunus domestica subsp. insititia** (a subspecies of Wild Plum) (Coeden Eirin Bwlas). Roadside bank, Llangwstenin, SH80 77, W. McCarthy, 25th Jul 2017.
- +‡075/32.22. **Cotoneaster hjelmqvistii** (Hjelmqvist's Cotoneaster) (Cotoneaster Hjelmqvist). Roadside wall, Beddgelert, SH58 48, Caerns Recording Group, 8th Sep 2017.

- +‡077/08.2.sat. **Lotus corniculatus var. sativus**. Grassed area near forest track, Trefriw, SH79 60, W. McCarthy, 26th May 2017.
- +‡077/15.09. **Lathyrus latifolius** (Broad-leaved Everlasting-pea) (Ytbysen Fythol Lydanddail). Roadside bank, Llangwstenin, SH80 77, W. McCarthy, 25th Jul 2017.
- +‡084/4.3. **Oenothera biennis** (Common Evening-primrose) (Melyn yr Hwyr). Grass verge in lay-by, Llanfairfechan, SH67 75, W. McCarthy, 11th Aug 2017.
- +‡091/2.16.b. **Euphorbia amygdaloides subsp. robbiae**. Lane bank, Penmaenmawr, SH72 76, W. McCarthy, 9th Apr 2017.
- +‡093/2.1.© **Parthenocissus quinquefolia** (Virginia-creeper) (Dringwr Fflamgoch). Waste ground near derelict building, Glanwydden, SH81 80, W. McCarthy, 6th Jun 2017.
- +‡104/1.maj.© **Tropaeolum majus** (Nasturtium) (Capan Cornicyll). Disturbed ground in lane, Llangwstenin, SH81 78, W. McCarthy, 25th Jul 2017.
- +‡107/01.ran. **Hydrocotyle ranunculoides** (Floating Pennywort) (Dail-ceiniog Arnofiol). Pond near derelict farm, Caernarfon, SH49 64, W. McCarthy, 19th Nov 2016.
- *‡107/04.2. **Eryngium planum** (Blue Eryngo) (Celynnen-y-môr Las). Sandy path by promenade, Pwllheli, SH37 34, E. Gruffydd, Aug 2017, two plants.
- +‡107/29.1.‡ **Petroselinum crispum** (Garden Parsley) (Persli). Gravelly waste ground, Abergwyngregyn, SH65 73, W. McCarthy & M. Roberts, 4th Oct 2017.
- +‡116/04.4. **Symphytum grandiflorum** (Creeping Comfrey) (Cyfardwf Lusg). Grass verge, Mynytho, SH30 31, Caerns Recording Group, 7th Apr 2017.
- +‡116/04.6. **Symphytum orientale** (White Comfrey) (Cyfardwf Wen). Lane bank, Penmaenmawr, SH72 76, W. McCarthy, 9th Apr 2017.
- +‡118/01.2. **Stachys byzantina** (Lamb's-ear) (Clust yr Oen). Roadside bank, Dwygyfylchi, SH73 77, W. McCarthy, 9th Apr 2017.
- +‡118/05.1. **Lamium album** (White Dead-nettle) (Marddanhadlen Wen). Side of track to beach, Morfa Bychan, SH54 36, W. McCarthy, 27th Aug 2017.
- +‡118/16.1. **Melissa officinalis** (Balm) (Balm). Roadside bank, Llangwstenin, SH80 77, W. McCarthy, 25th Jul 2017.
- *©121/1.afr. **Plantago afra** (Glandular Plantain) (Llyriad Chwarennog). Disturbed roadside verge, Conwy, SH76 78, W. McCarthy, 28th Jul 2017, about a dozen plants with other species typical of disturbed ground e.g. *Glebionis segetum*, *Centaurea cyanus*, *Chenopodium ficifolium*, *Papaver rhoeas* etc.
- +‡129/1.10. **Campanula poscharskyana** (Trailing Bellflower) (Clychlys Ymlusgol). Roadside wall, Beddgelert, SH58 48, Caerns Recording Group, 8th Sep 2017.
- +‡129/7.2.© **Lobelia erinus** (Garden Lobelia) (Bidoglys yr Ardd). Sandy waste ground, Morfa Bychan, SH54 36, W. McCarthy, 27th Aug 2017.
- +‡131/6.1. **Lonicera pileata** (Box-leaved Honeysuckle) (Gwyddfid Llorweddol). Roadside bank, Llandudno Junction, SH79 78, W. McCarthy, 18th May 2017.
- +‡135/43.4. **Erigeron karvinskianus** (Mexican Fleabane) (Amrhydlyd y Cerrig). Roadside wall & pavement edge, Llanbedrog, SH32 31, W. McCarthy, 15th Oct 2017.
- +135/43.6 **Erigeron acris** (Blue Fleabane) (Amrhydlyd Glas). Hard-packed spoil at quarry entrance, Dinorwig, SH60 62, British Pteridological Society, 1st Sep 2002, British Pteridological Society Equisetum workshop 2002.

- *‡135/44.2. **Conyza sumatrensis** (Guernsey Fleabane) (Amrhydlwyd Guernsey). Flower tub outside shop, Criccieth, SH49 38, W. McCarthy, 26th Sep 2017; (+) wall base by derelict warehouse, Llandudno Junction, SH79 77, W. McCarthy, 9th Oct. 2017; (+) grassland following scrub clearance, Great Orme Llandudno, SH78 82, W. McCarthy, 30th Sep 2017.
- +‡135/44.bon. **Conyza bonariensis** (Argentine Fleabane) (Amrhydlwyd yr Ariannin). Sandy waste ground, Morfa Bychan, SH54 36, W. McCarthy, 27th Aug 2017; (*) wall base near farm entrance, Rowen, SH76 72, W. McCarthy, 17th Oct 2016.
- ⊗‡135/56.1. **Glebionis segetum** (Corn Marigold) (Melyn yr ŵd). Field at university farm, Abergwyngregyn, SH65 73, W. McCarthy, 11th Jun 2017.
- +‡135/62.03.© **Senecio inaequidens** (Narrow-leaved Ragwort) (Creulys Gulddail). Leisure centre car park, Bethesda, SH62 67, C. Moss, 8th Sep 2017.
- +152/07.2. **Schoenoplectus tabernaemontani** (Grey Club-rush) (Llafrwynen Arfor). Pool in field, Cefn ynnysoedd, Caernarfon, SH45 60, W. McCarthy, 15th Sep 2017.
- *153/12.07.d. **Festuca rubra subsp. commutata** (Chewing's Fescue) (Peiswellt Chewing). Grassed area near forest track, Trefriw, SH79 60, W. McCarthy, 26th May 2017.
- +153/21.1.maj. **Catapodium rigidum var. majus**. Pavement edge, Penmaenmawr, SH71 76, W. McCarthy, 9th Apr 2017.
- +‡153/46.2. **Polyopogon viridis** (Water Bent) (Barfwellt y Dŵr). Roadside & wall base, Llanbedrog, SH32 31, W. McCarthy, 15th Oct 2017; (+) roadside bank, Llangwstenin, SH82 79, W. McCarthy, 12th Oct 2017.
- +‡158/23.2. **Muscari armeniacum** (Garden Grape-hyacinth) (Clychau Dulas yr Ardd). Lane behind houses, Bethel, SH52 65, W. McCarthy & M. Roberts, 13th Mar 2017.
- +‡158/31.1. **Leucojum aestivum** (Summer Snowflake) (Eiriaidd yr Haf). Shaded bank, Penrhynside, SH81 81, W. McCarthy, 17th Apr 2017, subspecies needs checking.

DENBIGH, v.c.50 (comm. D. Williams)

- +014/3.1. **Oreopteris limbosperma** (Lemon-scented Fern) (Rhedynden Bêr y Mynydd). Moel Chwa, SJ00 46, M.O. Stead, 1st Aug 2017.
- +015/3.1. **Asplenium ceterach** (Rustyback) (Duegredynen Gefngoch). Nant Bach West, SH9001 6829, M.O. Stead, 16th Apr 2017, west wall of bridge over stream 50-60 plants.
- +‡020/7.3.© **Pinus contorta** (Lodgepole Pine) (Pinwydden Gamfrig). Bwlch-y-beudy, SH961 485, D. Williams, 25th Jul 2017, lane, S - facing hedgebank; (+) Chwibren, SH93 62, J. Palmer & N. Douglas, 19th Apr 2017.
- +‡020/7.mug. **Pinus mugo** (Dwarf Mountain-pine) (Pinwydden y Mynydd). Pentre Isaf West, SH8674 6898, Denbs Group (D. Williams), 21st May 2017, opposite chapel, a few planted; (+) Penmaen Rhos East, SH8985 7826, D. Williams & M.O. Stead, 24th Oct 2017, planted along bank - windbreak?
- +©020/7.wal. **Pinus wallichiana** (Bhutan Pine) (Pinwydden Bhwtan). Llidiardau, SJ071 522, D. Williams, 24th Mar 2017, planted on corner of road.

- +©020A/SQD.gig. **Sequoiadendron giganteum** (Wellingtonia) (Welingtoniâu). Plas Nantyr, SJ155 375, Denbs Group (D. Williams), 7th May 2017, single tree near the Plas, seen from >100m away
- +‡022/1.1.© **Araucaria araucana** (Monkey-puzzle) (Cas Gan Fwnci). Gellifor, SJ124 624, D. Williams, 19th Mar 2017, village. Medium tree in garden of old cottage, others in area.
- ☐+028/13.25.b. **Ranunculus penicillatus subsp. pseudofluitans**. Scrwgan, SJ18 23, R.A. Dawes, 27th Jul 2017, tanat river; (☐+) Coed Pen-isa'r-mynydd, SJ19 23, R.A. Dawes, 27th Jul 2017.
- +030/2.1. **Meconopsis cambrica** (Welsh Poppy) (Pabi Cymreig). Coed Maes-mynan North, SJ12 73, M.O. Stead, 22nd Jun 2017.
- +031/5.01.b. **Fumaria capreolata subsp. babingtonii**. Rhyd-y-meudwy West, SJ126 511, D. Williams, 25th May 2017, small patch on W side of lane.
- +031/5.03. **Fumaria bastardii** (Tall Ramping-fumitory) (Mwg-y-ddaeear Grymus). Moel Pentre-wern, SH8890 6798, M.O. Stead, 1st Jun 2017, by chapel; (+) Bwlchgwyn, SJ2716 5313, Denbs Group (D. Williams), 4th Nov 2017, a few plants in flower in waste round.
- +031/5.05.b. **Fumaria muralis subsp. boroei**. Garn Brys, SH89 49, M.O. Stead, 27th Jul 2017, west roadside verge.
- +034/2.1. **Humulus lupulus** (Hop) (Hopys). Maerdy North, SJ02 45, M.O. Stead, 28th Apr 2017; (+) Llangadwaladr, SJ18 30, J.D. Shanklin, 3rd Jun 2017.
- +‡039/2.2. **Nothofagus alpina** (Rauli) (Ffawyddden Ddeheuol Rauli). Nebo East, SH8428 5635, D. Williams, G. Lowden & J. Palmer, 5th Aug 2017, a few trees along old hedgerow on N side of track opposite Tynewydd farm. S side of very small plantation of *Picea sitchensis* and Lawson's Cypress. Pollarded? Origin?
- +‡039/4.7. **Quercus rubra** (Red Oak) (Derwen Goch). Nant Llan-gwrach, SH862 478, Denbs Group (D. Williams), 22nd Aug 2017, mixed plantation; (+) Scrwgan, SJ18 23, R.A. Dawes, 27th Jul 2017, planted in copse.
- +040/3.1.‡ **Carpinus betulus** (Hornbeam) (Oestrwydden). Coed Cae-Goronwy South, SH946 627, Denbs Group (D. Williams), 11th Jun 2017, w bank of lane. Hedgerow plants. No apparent trees.
- +043/1.06. **Chenopodium rubrum** (Red Goosefoot) (Troed-yr-ŵydd Coch). Nant Llan-gwrach, SH862 478, Denbs Group (D. Williams), 22nd Aug 2017, by farm manure heap; (+) Cors Maen Llwyd, SH99 58, M.O. Stead, 6th Sep 2017.
- ☐+†043/1.13. **Chenopodium ficifolium** (Fig-leaved Goosefoot) (Troed-yr-ŵydd Dail Ffigys). Rhewl, SJ1072 6054, M.O. Stead, 13th Sep 2017, footpath through maize field one plant.
- +043/3.06. **Atriplex littoralis** (Grass-leaved Orache) (Llygwyn Arfor). Bylchau, SH9752 6302, Denbs Group (D. Williams), 23rd Jul 2017, at very edge of road, above steep corner; (+) Tomen Rhodwy, SJ1720 5173, D. Williams, 17th Jul 2017, roadside verge. Large stand by roadsalt dump.
- +046/17.3. **Spergularia marina** (Lesser Sea-spurrey) (Troellig Arfor Bach). Moel Rhiwllug, SH8999 5445, D. Williams, G. Lowden & J. Palmer, 5th Aug 2017, roadside A543. Spreading for many metres along both sides of the main road.

- +046/20.09. **Silene latifolia** (White Campion) (Gludlys Gwyn). Pandy Tudur East, SH8685 6475, Denbs Group (D. Williams), 14th May 2017, single plant on W side of road above stream.
- +046/20.09×01. **Silene ×hampeana** (**S. latifolia** × **S. dioica**) ([Pink Campion]). Pen-y-fron, SH8678 6252, Denbs Group (D. Williams), 6th Oct 2017, lanesides. Large stand, flowering late, pale pink flos, inflated calyx, apparnetly sterile.
- *©047/1.cap. **Persicaria capitata** (Pink-headed Persicaria)). Wilderness Wood, SJ3310 5318, M.O. Stead, 9th Nov 2017, photos confirm. Wall by road.
- +047/8.13×19. **Rumex crispus** × **R. obtusifolius** = **R. ×pratensis**. Carreg-y-blaidd, SH8629 4986, Denbs Group (D. Williams), 22nd Aug 2017, verge under low wall.
- +051/1.10. **Hypericum humifusum** (Trailing St John's-wort) (Eurinllys Ymdaenol). Moel y Parc, SJ1054 7078, M.O. Stead, 5th Apr 2017, beside footpath under gorse.
- +052/1.1. **Tilia platyphyllos** (Large-leaved Lime) (Pisgwydden Dail Mawr). Coed Cae-Goronwy South, SH9450 6279, Denbs Group (D. Williams), 11th Jun 2017, lovely large tree and some hedge plants by Fforest Farm; (+) Kilford Farm, SJ0712 6631, M.O. Stead, 15th Sep 2017, planted in churchyard; (+) Rhewl, SJ1085 6069, M.O. Stead, 13th Sep 2017, east side of road one large tree.
- +062/12.1. **Nasturtium officinale** (Water-cress) (Berwr-y-dŵr). Pwll-Goronwy, SJ09 49, M.O. Stead, 12th Aug 2017.
- +062/22.2.ver. **Erophila verna** var. **verna**. Pentre Isaf West, SH8674 6898, Denbs Group (D. Williams), 21st May 2017, opposite chapel.
- +062/23.5. **Cochlearia danica** (Danish Scurvygrass) (Llwylys Denmarc). Hirwaen, SJ13 61, M.O. Stead, 31st Mar 2017; (+) Moel y Parc North, SJ11 71, M.O. Stead, 5th Apr 2017; (+) Coedpoeth, SJ28 51, J. Rose, 5th May 2017, town Centre.
- ⊕+†062/28.1. **Thlaspi arvense** (Field Penny-cress) (Codywasg y Maes). Penfforddwen, SJ120 270, S. Swindells, 14th Jul 2017, 1flowering and seeding plant on bare ground in field.
- +‡062/30.1.© **Lepidium sativum** (Garden Cress) (Pupurlys yr Ardd). Middle Sontley, SJ32 46, D. Williams, 15th Jul 2017, field paths; (⊗) Middle Sontley, SJ32 46, D. Williams, 15th Jul 2017, field paths. 1st since 1967.
- ⊕+†062/30.2. **Lepidium campestre** (Field Pepperwort) (Pupurlys y Maes). Pandy Tudur East, SH8695 6474, Denbs Group (D. Williams), 14th May 2017, centre of farm track.
- +†062/30.5. **Lepidium ruderales** (Narrow-leaved Pepperwort) (Pupurlys Culddail). Commonwood, SJ387 525, Denbs Group (D. Williams), 9th Nov 2017, n side of A534 on pavement edge. Poor specimen.
- +‡062/31.2. **Lepidium didymum** (Lesser Swine-cress) (Olbrain Bach). Bwlchgwyn, SJ2717 5313, Denbs Group (D. Williams), 4th Nov 2017, a few plants in waste ground.
- +‡062/33.2. **Diplotaxis muralis** (Annual Wall-rocket) (Roced-y-muriau'r Tywod). Rhewl, SJ1086 6047, M.O. Stead, 13th Sep 2017, occassional along main road East side of road.
- ⊕+062/42.1. **Raphanus raphanistrum** (Rhuddygl). Llanrhaeadr-ym-mochnant, SJ1224 2671, S. Swindells, 14th Jul 2017, ssp raphanistrum - 1 flowering plant edge of field with cirs arv; (⊕+) The Lawnt, SJ1787 3034, J.D. Shanklin, 3rd Jun 2017, farm yard;

- (⊕+) Bwlchgwyn, SJ2785 5315, Denbs Group (D. Williams), 4th Nov 2017, large plants by garden fence.
- +‡062/8.1. **Hesperis matronalis** (Dame's-violet) (Croes yr Hwyr). Llanfihangel Glyn Myfyr, SH99 49, M.O. Stead, 4th Aug 2017; (+) Glasfryn, SH917 502, D. Williams, 9th Jul 2017, a5 E from Garage through village.
- ⊕+066/1.3. **Pyrola rotundifolia** (Round-leaved Wintergreen) (Glesyn-y-gaeaf Deilgrwn). Craig Bron-banog, SJ0185 5188, M.O. Stead, 30th Aug 2017; (⊕+) Craig Bron-banog, SJ0186 5189, M.O. Stead, 30th Aug 2017.
- +069/1.3. **Primula veris** (Cowslip) (Briallen Fair). Pandy Dyffryn Ceiriog, SJ187 342, Denbs Group (D. Williams), 4th Jun 2017, lane over bridge at Pontricket.
- +072/2.6.‡ **Ribes alpinum** (Mountain Currant) (Llwyn Cwrens y Mynydd). Llyn Moelfre, SJ1754 2881, Denbs Group (D. Williams), 19th Jun 2017, a large patch of bushes on corner of lane and path into wood.
- *‡073/5.8. **Sedum stoloniferum** (Lesser Caucasian-stonecrop) (Briweg-y-Cawcasws Fach). Graigfechan, SJ1480 5454, D. Williams, G.M. Kay, W. McCarth & M.O. Stead, det. G.M. Kay, 24th Aug 2017, small outcrop N side of lane, covered by the plant.
- Herb.DW**
- +‡074/08.1. **Tellima grandiflora** (Fringecups) (Clychau'r Clawdd). Cae-Goronwy, SH951 631, Denbs Group (D. Williams), 11th Jun 2017, in triangle of dumped stone and occasional elsewhere along hedgerows; (+) Llyn Moelfre, SJ175 287, Denbs Group (D. Williams), 19th Jun 2017, path into wood. A single plant.
- ‡075/03.1×3. **Spiraea ×pseudosalicifolia** (Confused Bridewort) (Ffug Erwain-dail-helyg). Foelasfechan, SH8578 5995, D. Williams, 12th Aug 2017, lay-by, waste area. 1st since 1998.
- ⊕+075/15.2. **Agrimonia procera** (Fragrant Agrimony) (Llysiau'r-dryw Pêr). Bryn Dansi North East, SH8784 7566, B.A. Allen, 13th Jul 2017, 50 plus and more further down lane towards school. Voucher.
- ⊕+075/17.1. **Sanguisorba officinalis** (Great Burnet) (Bwrned Mawr). Pennant, SH8258 4689, M.O. Stead, 18th Aug 2017, northeast of bridge.
- ⊕+075/21.04×12. **Rosa arvensis** × **R. canina** = **R. ×irregularis** [**R. ×verticillacantha**]. Graigfechan, SJ1485 5454, D. Williams, G.M. Kay, W. McCarth & M.O. Stead, 24th Aug 2017, n side of lane on bend. **Herb.DW**
- +075/21.19. **Rosa micrantha** (Small-flowered Sweet-briar) (Drysiën Bêr Fân-flodeuog). Loggerheads, SJ1989 6275, M.O. Stead, det. G.M. Kay, 21st Aug 2017, small f.p. opp bridge going straight up face.
- 075/21.19×02. **Rosa ×bishopii** (**R. micrantha** × **R. agrestis**). Graigfechan, SJ1482 5497, D. Williams, G.M. Kay, W. McCarth & M.O. Stead, det. G.M. Kay, 24th Aug 2017, old quarry above woodland path. Repeat record of 2000.
- +‡075/22.03. **Prunus cerasifera** (Cherry Plum) (Coeden Goeg-geirios). The Chequer, SJ490 405, K.K. Bell, 31st Jul 2017, new Hall Lane nr jct with A525.
- +‡077/17.2. **Melilotus albus** (White Melilot) (Yr Wydro Wen). Craig Yard Ind.Est., SJ0577 6673, M.O. Stead, 15th Sep 2017, car park surround area.
- +‡077/17.3. **Melilotus officinalis** (Ribbed Melilot) (Yr Wydro Resog). Hafotty Newydd, SJ0059 5470, M.O. Stead, 9th Sep 2017, verge on west side of track.

- +‡077/18.2.c. **Medicago sativa subsp. sativa** (Lucerne) (Maglys Rhuddlas). Erbistock Ford, SJ35 39, M.O. Stead, 17th Sep 2017.
- +077/19.13. **Trifolium micranthum** (Slender Trefoil) (Meillionen Hopysaidd Eiddil). Coed Ceunant, SJ1597 6037, M.O. Stead, 11th Jul 2017, north roadside verge from car park; (+) Moel y Gaer, SJ15 61, M.O. Stead, 15th Aug 2017; (+) Moel Famau West, SJ1590 6202, M.O. Stead, 15th Aug 2017, east side of main footpath up to top; (+) Foel Fenlli, SJ1615 6058, M.O. Stead, 11th Jul 2017, grassy bank in car park.
- +‡077/19.14.sat. **Trifolium pratense var. sativum**. Pont y Garreg-newydd, SH8961 6444, Denbs Group (D. Williams), 6th Oct 2017, small quarry waste area on side of lane. Very large leaflets, large flower, robust plants.
- +084/1.02. **Epilobium parviflorum** (Hoary Willowherb) (Helyglys Lledlwyd). Nant Llan-gwrach, SH862 478, Denbs Group (D. Williams), 22nd Aug 2017, by farm manure heap.
- +084/1.07. **Epilobium roseum** (Pale Willowherb) (Helyglys Gwelw). Fenn's Bank, SJ504 385, K.K. Bell, 10th Jul 2017, edge of wood, W of Fenn's Wood Farm.
- +‡084/4.1. **Oenothera glazioviana** (Large-flowered Evening-primrose) (Melyn-yr-hwyr Mawr). Graigfechan, SJ1473 5462, D. Williams, 24th Aug 2017, roadside. In bare areas by houses.
- *‡084/4.5. **Oenothera stricta** (Fragrant Evening-primrose) (Melyn-yr-hwyr Pêr). Llanrhaeadr-ym-Mochnant, SJ1252 2608, S. Swindells, conf. D. Williams, 14th Jul 2017, 16 flowering and seeding plants on edge of road at foot of low stone walls in front of row of cottages - photo & specimen confirms.
- ⊞+087/1.1. **Viscum album** (Mistletoe) (Uchelwydd). Ruthin, SJ1112 5968, D. Williams, 2nd Apr 2017, large clump near top of tree in garden W side of A525. Visible from bus stop.
- +088/1.1. **Euonymus europaeus** (Spindle) (Piswydden). Moel Pentre-wern, SH8800 6718, M.O. Stead, 1st Jun 2017.
- +‡103/1.23. **Geranium phaeum** (Dusky Crane's-bill) (Gweddw Alarus). Bettws Gwerfil Goch West, SJ0280 4628, M.O. Stead, 28th Apr 2017, southwest end of chapel car park.
- +103/2.3. **Erodium cicutarium** (Common Stork's-bill) (Pig-y-crëyr). Bwlchgwyn, SJ2759 5210, Denbs Group (D. Williams), 4th Nov 2017, single rosette on side of main road.
- +‡105/1.4. **Impatiens glandulifera** (Indian Balsam) (Jac y Neidiwr). Cernioge, SH906 504, D. Williams, 9th Jul 2017, verge A5. In farm garden area and along track to N.
- +107/20.1. **Aethusa cynapium** (Fool's Parsley) (Geuberllys). Cadair Bronwen East, SJ0986 3464, Denbs Group (D. Williams), 10th Sep 2017, track running E/W through monad. Single plant by grouse/pheasant cage.
- +‡107/21.1. **Foeniculum vulgare** (Fennel) (Ffenigl). Llanbedr-Dyffryn-Clwyd, SJ14 59, M.O. Stead, 21st Nov 2017.
- ⊞‡107/29.1.‡ **Petroselinum crispum** (Garden Parsley) (Persli). Henllan, SJ02 68, M.O. Stead, 21st Jun 2017, 1st record since 1950-1969 Side of pavement north side of road near Church.
- +108/3.2. **Centaureum erythraea** (Common Centaury) (Y Ganrhi Goch). Pentre Isaf North West, SH867 693, Denbs Group (D. Williams), 21st May 2017; (+)

- Penycloddiau, SJ13 67, M.O. Stead, 29th Jul 2017; (+) Loggerheads, SJ19 62, M.O. Stead, 16th Jul 2017.
- +‡111/3.3. **Calystegia pulchra** (Hairy Bindweed) (Taglys Blewog). Rhewl, SJ1082 6081, M.O. Stead, 13th Sep 2017, growing up north roadside hedge; (+) Maes -mynan North, SJ11 73, M.O. Stead, 22nd Jun 2017.
- +113/2.1.‡ **Nymphoides peltata** (Fringed Water-lily) (Lili'r-dŵr Eddïog). Holly Bush, SJ407 449, K.K. Bell, 31st Aug 2017, field pond on E side of Green lane between Buckfields Farm and Crab Mill.
- +‡116/03.1. **Pulmonaria officinalis** (Lungwort) (Llyisiau'r Ysgyfaint). Coed Pant-glas, SH8390 7085, N.J. Osley & S.K. Osley, 23rd Apr 2017, one plant on verge W of Holland Arms PH; (+) Y Foel, SJ181 386, S. Swindells, 3rd Apr 2017, flowering. Small patch edge of layby. Also on verge at SJ18153864; (+) Pandy Dyffryn Ceiriog, SJ195 351, Denbs Group (D. Williams), 4th Jun 2017, e bank of river at Pont y Meibion; (+) Moel Llys-y-coed, SJ1414 6568, M.O. Stead, 18th Apr 2017, passing place dumped garden rubbish; (+) Ty-fy-Nain, SJ1766 6127, M.O. Stead, 23rd Mar 2017, south roadside bank.
- +‡116/04.6. **Symphytum orientale** (White Comfrey) (Cyfardwf Wen). Penfforddwen, SJ1224 2799, S. Swindells, 15th Apr 2017, 1 flowering plant growing on stone wall opposite house; (+) Ty'n-y-pistyll, SJ170 369, Denbs Group (D. Williams), 7th May 2017, spreading opposite Ty Ddu.
- +‡116/09.1.© **Borago officinalis** (Borage) (Tafod yr Ych). Pont Glan-y-Wern, SJ09 65, M.O. Stead & G. Lowden, 19th Jul 2017; (+) Hirwaen, SJ1304 6048, M.O. Stead, 25th Aug 2017, edge of maize field.
- +118/02.1. **Ballota nigra** (Black Horehound) (Marddanhadlen Ddu). Pen yr Orsedd, SH8569 5309, Denbs Group (D. Williams), 6th Aug 2017, opposite Ty'n y Llidiart.
- ☐+†118/05.6. **Lamium amplexicaule** (Henbit Dead-nettle) (Marddanhadlen Goch Ddeilgron). Coedpoeth, SJ2840 5101, J. Rose, 5th May 2017, town Centre, on wall.
- ☐+†118/06.3. **Galeopsis speciosa** (Large-flowered Hemp-nettle) (Y Benboeth Amryliw). Nant y Garth Pass, SJ1678 5185, D. Williams, 17th Jul 2017, single large plant in verge on S side of lane 5m E of telegraph pole on opposite side.
- ☐+118/10.4. **Scutellaria minor** (Lesser Skullcap) (Cycyllog Bach). Pen yr Orsedd, SH8519 5305, Denbs Group (D. Williams), 6th Aug 2017, wet area to E of lane.
- +‡118/16.1. **Melissa officinalis** (Balm) (Balm). Llanelian-yn-Rhos, SH8625 7649, B.A. Allen, 1st Aug 2017, edge of lay-by; (+) Llanddulas, SH90 78, D. Williams, 4th Jan 2017; (+) Llanrhaeadr-ym-mochnant, SJ1232 2610, S. Swindells, 15th Apr 2017, 8 clumps on edge of road outside property.
- +118/20.1. **Origanum vulgare** (Wild Marjoram) (Penrhudd). Whitewell, SJ495 412, K.K. Bell, 31st Jul 2017, nr Chapel Farm.
- +118/22.1. **Lycopus europaeus** (Gypsywort) (Llyisiau'r Sipsiwn). Bryn Dansi East, SH8719 7459, B.A. Allen, 1st Jul 2017, dirt track off B5381, several plants; (+) Hirwaen South West, SJ12 60, M.O. Stead, 9th May 2017.
- ☐+‡118/23.3×4. **Mentha spicata** × **M. suaveolens** = **M. ×villosa** (Apple-mint) (Mintys Lletgrwn). Perthewig Wood, SJ07 70, M.O. Stead, 24th May 2017.

- ☉+†124/13.4. **Linaria repens** (Pale Toadflax) (Llin-y-llyffant Gwelw). Llanrhaeadr-ym-mochnant, SJ1219 2630, S. Swindells, 14th Jul 2017, c. 40 flowering plants on face of stone wall boundary of garden.
- +130/3.1. **Sherardia arvensis** (Field Madder) (Mandon Las yr ŵd). Cadair Bronwen East, SJ0986 3464, Denbs Group (D. Williams), 10th Sep 2017, track running E/W through monad. Single plant in flower, N of track.
- +130/6.02. **Galium odoratum** (Woodruff) (Briwydd Bêr). Y Foel, SJ181 386, S. Swindells, 3rd Apr 2017.
- +130/6.06. **Galium verum** (Lady's Bedstraw) (Briwydd Felen). Wernpennant, SJ18 22, R.A. Dawes, 16th Jul 2017.
- +‡131/6.3.© **Lonicera involucrata** (Californian Honeysuckle) (Gwyddfifd Califfornia). Nant Caledwynt East, SJ1760 3433, S. Swindells, 11th Apr 2017, 8m length of hedge on hedgebank opp property, by large stand of *Doronicum pardalanches*; (☉) Nant Caledwynt East, SJ1760 3433, S. Swindells, 11th Apr 2017, 8m length of hedge on hedgebank opp property, by large stand of *Doronicum pardalanches*. 1st since 1952, possible 1st VC record.
- ☉+†133/1.2. **Valerianella carinata** (Keeled-fruited Cornsalad) (Gwylaeth-yr-oen Ffrwythau Rychog). Nant Isaf Farm, SH92 69, M.O. Stead, 11th May 2017; (☉+) Llanrhaeadr-ym-mochnant, SJ1253 2607, S. Swindells, conf. M.O. Stead, 3rd Jun 2017, abundant at base of stone wall by carpark; (☉+) Llangynhafal, SJ12 63, M.O. Stead, 16th Jun 2017; (☉+) Rhiwbebyll South, SJ12 64, M.O. Stead, 27th May 2017; (☉+) Llangwyfan, SJ12 66, M.O. Stead, 4th May 2017.
- ☉+135/05.1. **Carduus tenuiflorus** (Slender Thistle) (Ysgallen Flodfain). Wrexham Industrial Estate, SJ3860 4905, G. Lowden, 17th Jul 2017.
- +†135/22.1. **Lactuca serriola** (Prickly Lettuce) (Letusen Bigog). Rhewl, SJ11 60, M.O. Stead, 3rd Aug 2017; (+) Llangynhafal, SJ12 63, M.O. Stead, 16th Jun 2017.
- ☉135/28.10.158. **Hieracium pseudoleyi** (Purple-flushed Hawkweed). Craig y Forwyn, lowest tier, SJ2333 4790, L. Houston & T.C.G. Rich, 6th Sep 2017, re-recording of 1st record in 1903. A. Ley. 3 plants this is the plant which has been called *pseudoleyi* but is a closely related new species, see Swatschuk thesis.
- +135/62.12. **Senecio erucifolius** (Hoary Ragwort) (Creulys Lwyd). Llangwyfan East, SJ13 66, M.O. Stead, 29th Jul 2017.
- +135/62.15.vul.hib. **Senecio vulgaris subsp. vulgaris var. hibernicus**. Bettws Gwerfil Goch West, SJ02 46, M.O. Stead, 28th Apr 2017.
- +‡135/69.1. **Doronicum pardalianches** (Leopard's-bane) (Llyisiau'r Llewpart). Mynydd-y-briw, SJ177 263, S. Swindells, 13th Mar 2017, a large patch on edge of track. Property nearby.
- +‡135/71.4. **Petasites fragrans** (Winter Heliotrope) (Alan Pêr). Maerdy, SJ02 44, M.O. Stead, 21st Mar 2017; (+) Pandy Dyffryn Ceiriog, SJ195 356, Denbs Group (D. Williams), 4th Jun 2017, tramway running N to S.
- +‡135/79.2. **Helianthus tuberosus** (Jerusalem Artichoke) (Blodyn-yr-haul Oddfog). Pandy Dyffryn Ceiriog, SJ195 351, Denbs Group (D. Williams), 4th Jun 2017, e bank of river at Pont y Meibion. A few clumps. Planted? Throw-outs? Garden other side of track.

- +‡138/4.2. **Elodea nuttallii** (Nuttall's Waterweed) (Ffugalaw Nuttall). Llangadwaladr North, SJ18 31, J.D. Shanklin, 3rd Jun 2017.
- ⊕+142/1.07. **Potamogeton alpinus** (Red Pondweed) (Dyfrllys Coch). Gwynfryn North, SJ259 530, A.N. Graham & J. Graham, 26th Jun 2017, quarry pond.
- +‡147/2.1. **Lysichiton americanus** (American Skunk-cabbage) (Pidyn-y-gog Americanaidd). Bron Alarch, SH8464 5465, D. Williams, 6th Jul 2017, large patch E of lane hedge in damp area in or by garden of Bron-haul; (+) Llanrhaeadr-ym-mochnant, SJ1213 2637, S. Swindells, 2nd Apr 2017, 1 clump in field above river.
- +‡147/5.2.b. **Arum italicum subsp. italicum**. Mynydd-y-briw, SJ178 265, S. Swindells, 13th Mar 2017, on verge of track up from chapel - spread over approx 0.3m.
- ⊕+148/2.1. **Lemna gibba** (Fat Duckweed) (Llinad Crythog). Llangadwaladr, SJ18 30, J.D. Shanklin, 3rd Jun 2017, flat form with large central cells.
- +‡151/1.02. **Juncus tenuis** (Slender Rush) (Brwynen Fain). Carreg-y-blaidd, SH8640 4989, Denbs Group (D. Williams), 22nd Aug 2017, dried up plants in centre strip of track.
- +151/1.26×27. **Juncus effusus** × **J. conglomeratus** = **J. ×kern-reichgeltii**. Penporchell South, SH9901 6666, M.O. Stead, conf. A.O. Chater, 20th Jun 2017, east side of the road.
- +152/16.08.b. **Carex muricata subsp. pairae** (Small-fruited Prickly-sedge). Halton, SJ3010 3973, D. Williams & M.O. Stead, 19th Jun 2017, parking area to left of entrance to McDonald's.
- +152/16.17. **Carex echinata** (Star Sedge) (Sêr-hesgen). Maeshafn South, SJ20 60, M.O. Stead, 31st Aug 2017.
- +152/16.46.b. **Carex demissa** (Common Yellow-sedge). Maeshafn South, SJ20 60, M.O. Stead, 31st Aug 2017.
- +152/8.1. **Isolepis setacea** (Bristle Club-rush) (Clwbfrwynen Wrychog). Maes -mynan, SJ11 72, M.O. Stead, 22nd Jun 2017.
- +153/16.2. **Puccinellia distans** (Gwellt-y-morfa Atblygedig). Hafodty Hafod Dre, SH891 522, Denbs Group (D. Williams), 13th Aug 2017, bank on track; (+) Bwlch y Garnedd, SH91 55, M.O. Stead, 8th Aug 2017.
- +153/24.4. **Glyceria notata** (Plicate Sweet-grass) (Melyswellt Plygedig). The Lawnt, SJ17 30, J.D. Shanklin, 3rd Jun 2017.
- +‡153/46.2. **Polyopogon viridis** (Water Bent) (Barfwellt y Dŵr). Penmaen Rhos East, SH8975 7825, D. Williams & M.O. Stead, 24th Oct 2017, between wall and pavement along S side of old road A547; (+) Wrexham Hospital, SJ32 50, M.O. Stead, 1st Oct 2017.
- +‡153/59.1.© **Hordeum distichon** (Two-rowed Barley) (Haidd Dwyresog). Llanrhaeadr-ym-mochnant, SJ1245 2698, S. Swindells, 14th Jul 2017, 6 plants on roadside verge by farm building.
- +‡153/68.1. **Echinochloa crus-galli** (Cockspur) (Cibogwellt Rhydd). Pont y Garregnewydd, SH8961 6444, Denbs Group (D. Williams), 6th Oct 2017, small quarry waste area on side of lane. A few plants; (+) Rhewl North, SJ1135 6064, M.O. Stead, 13th Sep 2017, gate entrance to maize field north side of road.
- *©153/PAN.cap. **Panicum capillare** (Witch-grass) (Miled y Wrach). Cilygroeslwyd Wood, SJ121 549, J. Palmer, 22nd Aug 2017, voucher specimen, **Herb. DW**

- +‡153/PAN.mil. **Panicum miliaceum** (Common Millet) (Miled). Hirwaen South West, SJ1296 6045, M.O. Stead, 25th Aug 2017, edge of maize field.
- +154/1.1.b. **Sparganium erectum subsp. microcarpum**. Hafodty Gwyn, SH8491 5273, Denbs Group (D. Williams), det. M. Wilcox 13th Aug 2017, 6th Aug 2017, wet area E of gate.
- +158/24.16. **Allium vineale** (Wild Onion) (Nionyn Gwyllt). Denbigh Town East, SJ0606 6656, M.O. Stead, 15th Sep 2017, rough ground between fence and stream exit.
- +‡159/08.1. **Crocus vernus** (Spring Crocus) (Saffrwm y Gwanwyn). Llanyyns East, SJ114 621, D. Williams, 11th Mar 2017, st. Sychan's Church, large patches naturalising; (+) Gellifor, SJ124 624, D. Williams, 19th Mar 2017, village. naturalising on banks.
- *‡159/08.2. **Crocus tommasinianus** (Early Crocus) (Saffrwm Cynnar). Gwaenynog, SJ03 65, E.F. Greenwood & B.D. Greenwood, 7th Mar 2017, a fine display in a field, abundant, by the Afon Ystrad.
- +162/03.4. **Epipactis helleborine** (Broad-leaved Helleborine) (Y Galdrist Lydanddail). Cefn-y-bidwel, SJ127 477, D. Williams, 3rd Jun 2017, laneside hedges and verges. 1 plant only on S side of lane.
- +162/23.3. **Ophrys apifera** (Bee Orchid) (Tegeirian y Wenynen). Llidiardau, SJ075 521, H. Jones, 19th Jun 2017, clawddnewydd NRW Office.

FLINT, v.c.51 (comm. G. Quartley-Bishop)

- +015/3.1. **Asplenium ceterach** (Rustyback) (Duegredynen Gefngoch). Mostyn, SJ16 80, J. Shanklin, 7th Jul 2017, rare in Flintshire.
- +028/13.12 **Ranunculus lingua** (Greater Spearwort) (Llafnlys Mawr). Rhyl, SJ02 80, BSBI ASM, 8th Jun 2017, rare in Flintshire.
- +028/13.25. **Ranunculus penicillatus** (Stream Water-crowfoot) (Crafanc-y-frân y Nant). Pen-y-felin, SJ15 69, BSBI ASM, 8th Jun 2017, rare in Flintshire.
- +062/12.4. **Rorippa palustris** (Marsh Yellow-cress) (Berwr Melyn y Gors). Pydew Farm, SJ04 81, BSBI ASM, 8th Jun 2017, scarce in Flintshire.
- +062/30.3. **Lepidium heterophyllum** (Smith's Pepperwort) (Pupurlys Amryddail). Mostyn, SJ16 80, J. Shanklin, 7th Jul 2017, scarce in Flintshire.
- ⊕+062/37.1. **Coincya monensis**. Deesside, SJ27 73, J. Shanklin, 1st Oct 2017, subspecies uncertain but, in any case, only the 4th record for Flintshire.
- +062/41.1. **Crambe maritima** (Sea-kale) (Ysgedd Arfor). Mostyn, SJ16 80, J. Shanklin, 7th Jul 2017, rare in Flintshire.
- +069/8/1. **Samolus valerandi** (Brookweed) (Claerlys). Gronant Dunes, SJ09 84, BSBI ASM, 6th Jun 2017, scarce in Flintshire.
- +075/21.18. **Rosa rubiginosa** (Sweet-briar) (Drysiën Bêr). Llanelwy, SJ04 74, J. Shanklin, 2nd Oct 2017, rare in Flintshire; (+) Talacre dunes, SJ11 84, BSBI ASM, 8th Jun 2017, rare in Flintshire.
- +075/21.19. **Rosa micrantha** (Small-flowered Sweet-briar) (Drysiën Bêr Fân-flodeuog). Gronant Dunes, SJ09 84, BSBI ASM, 6th Jun 2017, rare in Flintshire; (+) Brynford South, SJ17 72, BSBI ASM, 7th Jun 2017, rare in Flintshire.
- +103/1.15. **Geranium pusillum** (Small-flowered Crane's-bill) (Pig-yr-aran Fân-flodeuog). Bodelwyddan, SH99 77, J. Shanklin, 4th Oct 2017, scarce in Flintshire.

- +103/2.1. **Erodium maritimum** (Sea Stork's-bill) (Pig-y-crëyr Arfor). Llanerch-y-mor, SJ17 79, BSBI ASM, 7th Jun 2017, rare in Flintshire.
- +107/17.1.© **Crithmum maritimum** (Rock Samphire) (Corn-carw'r Môr). Deesside, SJ27 72, J. Shanklin, 1st Oct 2017, rare in Flintshire.
- +‡124/16.26. **Veronica spicata** (Spiked Speedwell) (Rhwyddlwyn Pigfain). Graig Fawr, SJ05 80, BSBI ASM, 6th Jun 2017, rare in Flintshire.
- +†135/22.1. **Lactuca serriola** (Prickly Lettuce) (Letusen Bigog). Waen C, SJ05 74, J. Shanklin, 2nd Oct 2017, scarce in Flintshire.
- +148/2.1. **Lemna gibba** (Fat Duckweed) (Llinad Crythog). Whitford, SJ13 76, J. Shanklin, 4th Oct 2017, rare in Flintshire.
- +152/16.39. **Carex laevigata** (Smooth-stalked Sedge) (Hesgen Lefn). Ty-newydd, SJ10 72, J. Shanklin, 8th Jul 2017, scarce in Flintshire.
- +153/18.06. **Poa angustifolia** (Narrow-leaved Meadow-grass) (Gweunwellt Culddail). Rhualt, SJ07 75, BSBI ASM, 7th Jun 2017, scarce in Flintshire.
- +153/21.2. **Catapodium marinum** (Sea Fern-grass) (Gwenithwellt y Morfa)). A55 verge, Rhualt, SJ07 75, BSBI ASM, 7th Jun 2017, rare in Flintshire.
- +153/23.1. **Parapholis strigosa** (Hard-grass) (Caledwellt y Morfa). Gronant Dunes, SJ08 84, BSBI ASM, 6th Jun 2017, scarce in Flintshire.
- +153/39.8. **Agrostis vinealis** (Brown Bent) (Maeswellt-y-cŵn y Mynydd). Graig Tremerchion, SJ08 72, J. Shanklin, 8th Jul 2017, rare in Flintshire.
- +153/51.3. **Bromopsis erecta** (Upright Brome) (Pawrwellt Talsyth). Dyserth, SJ06 78, BSBI ASM, 8th Jun 2017, scarce in Flintshire.
- +162/18.3.a. **Dactylorhiza incarnata subsp. incarnata** (a subspecies of Early Marsh-orchid). Talacre dunes, SJ11 84, BSBI ASM, 8th Jun 2017, rare in Flintshire

ANGLESEY, v.c.52 (comm. N.H. Brown & I.R. Bonner)

- +027/1.1. **Ceratophyllum demersum** (Rigid Hornwort) (Cyrnddail Caled). Point Lynas (west), SH4788 9325, N. Brown, 13th Sep 2017, small pool excavated c.2007.
- *‡030/1.1. **Papaver pseudoorientale** (Oriental Poppy) (Llygad y Bwgan). Kingsland, SH24 81, D. Evans, 19th Jul 2016, allotments.
- +031/4.1. **Ceratocapnos claviculata** (Climbing Corydalis) (Mwg-y-ddaeear Dringol). Clegir Gwynion, SH36 79, D. Evans, 31st May 2016, hedgerow; (+) Cefni Reservoir (SE Section), SH446 778, N. Brown, 1st Jul 2017, locally plentiful in clear fell area.
- *†031/5.07.b. **Fumaria officinalis subsp. wirtgenii**. SH6143 8086, I. Bonner & H. Knott, 28th May 2017, several plants on disturbed ground. 1st VCR for subspecies.
- *040/1.1×2. **Betula ×aurata**. Maes y porth, SH45 65, Anglesey Flora Group, det. N.H. Brown & M. Stead, 4th Jul 2017, single mature specimen.
- +‡040/2.2.© **Alnus incana** (Grey Alder) (Gwernen Lwyd). Clegir Gwynion, SH36 79, D. Evans, 6th Jul 2016, hedgerows.
- *042/3.pap. **Lamprothamnium papulosum** (Foxtail Stonewort). Inland Sea, SH278 788, T. Hatton-Ellis, 15th Aug 2017, just N of Four Mile Bridge, with *Zostera noltei*, 1st Welsh Record, **Herb. THE**
- +‡042/8.2. **Carpobrotus edulis** (Hottentot-fig) (Ffigysen yr Hotentot). SH3088 (SH3088), SH3000 8889, J. Rees & I. Rees, 24th Jun 2017, spreading onto coastal path.

- +043/3.02×06. **Atriplex ×hulmeana**. Red Wharf Bay, SH5525 8025, J. Rees & I. Rees, 27th Sep 2017, patula leaf variety see Taschereau in *Watsonia* 17 pp247-264 for 3 varieties.
- +043/3.03×04. **Atriplex ×taschereaui** (Taschereau's Orache) (Llygwyn Taschereau). Cemlyn Bay SSSI, SH331 935, J. Rees & I. Rees, 6th Sep 2017, few, mixed with *A. glabriuscula*.
- +043/6.2. **Salicornia ramosissima** (Purple Glasswort) (Llyrllys Porffor). Red Wharf Bay, SH5583 8050, J. Rees & I. Rees, 30th Aug 2017.
- +043/6.7. **Salicornia dolichostachya** (Long-spiked Glasswort) (Llyrllys Canghennog). Red Wharf Bay, SH52 80, J. Rees & I. Rees, 12th Oct 2017.
- +†046/19.1. **Agrostemma githago** (Corncockle) (Bulwg yr ŵd). Holyhead, SH24 83, D. Evans, 29th Jun 2016, coastal strip. Sown with poppies and other annuals.
- +‡051/1.01. **Hypericum calycinum** (Rose-of-Sharon) (Rhosyn Saron). Pont Hwfa, SH23 82, D. Evans, 12th Jul 2016, former garden of old house.
- +052/1.1. **Tilia platyphyllos** (Large-leaved Lime) (Pisgwydden Dail Mawr). Henllys, SH59 77, N. Brown, 16th May 2017, 60 foot tree. 3rd VCR.
- *057/1.01. **Viola ×scabra** (Sweet Violet). Llanidan, SH4900 6658, J. Rees & I. Rees, conf. M. Porter, 1st Apr 2017, cae Aur Quarry wood. Photos of stem hairs; (+) Moel-y-don, SH5149 6766, J. Rees & I. Rees, 25th Apr 2017, det. from petiole hairs.
- *057/1.01.a **Viola odorata var. dumetorum**. Llanidan, SH4918 6693, J. Rees & I. Rees, 1st Apr 2017, laneside.
- *057/1.01. **Viola odorata var. imberbis** (Sweet Violet) (Fioled Bêr). SH491 753, J. Rees & I. Rees, 21st Mar 2017, pinkish spur & no beard. Ceint - Talwrn lane.
- +057/1.04×05. **Viola ×bavarica**. Parc Pentir, SH620 812, J. Rees & I. Rees, 8th Apr 2017, intermediate between the 2 parents, by f.p. to coast, Coed yr Hendy, Caim.
- *‡057/1.11×12×alt. **Viola ×wittrockiana** (Garden Pansy) (Trilliw'r Gerddi). Llanfaethlu, SH3110 8694, D. Evans, 3rd Jul 2016, building plot in field.
- +059/1.1.‡ **Frankenia laevis** (Sea-heath) (Grugeilun Llyfn). Newborough SSSI, SH39 63, C. Metherell, Jul 2017, chris unable to recall any details. New hectad in DDb.
- +‡061/1.3×del. **Populus ×canadensis** (Hybrid Black-poplar) (Poplysen Ddu Groesryw). Trearddur, SH26 78, D. Evans, 27th Jun 2016, stanley Mill Lane, mature tree.
- +062/11.1. **Barbarea vulgaris** (Winter-cress) (Berwr-y-gaeaf). Holyhead, SH24 83, D. Evans, 29th Jun 2016, 1 plant, verge of Breakwater Road; (+) Llanfaethlu, SH3110 8694, D. Evans, 3rd Jul 2016, building plot in field.
- *‡062/11.2. **Barbarea stricta** (Small-flowered Winter-cress) (Berwr-y-gaeaf Mân-flodeuog). Mona, SH42 74, D. Evans, conf. W. McC, 26th May 2016, footpath between A5 & A55.
- +‡062/11.3. **Barbarea intermedia** (Medium-flowered Winter-cress) (Berwr-y-Gaeaf Canolig). SH34 74, D. Evans, 17th May 2016, verge, **Herb. DAE**; (+) Pydew, SH4213 7577, D. Evans, 12th May 2016, few plants, edge of garage car compound.
- +‡062/11.4. **Barbarea verna** (American Winter-cress) (Berwr-y-gaeaf cynnar). SH4840 7896, N. Brown, 18th May 2017, recently disturbed ground.
- +†062/13.1. **Armoracia rusticana** (Horse-radish) (Rhuddygl Poeth). SH3406 6813, J. Rees & I. Rees, 15th Jul 2017, 1 clump, bank, nr. end of lane to Porth Cwyfan.

- +†062/28.1. **Thlaspi arvense** (Field Penny-cress) (Codywasg y Maes). Kingsland, SH24 81, D. Evans, 19th Jul 2016, allotments; (+) Llanfaethlu, SH3110 8694, D. Evans, 3rd Jul 2016, building plot in field.
- +062/30.8. **Lepidium draba** (Hoary Cress) (Pupurlys Llwyd). Holyhead, SH24 83, D. Evans, 12th Apr 2016, patch on upper part of beach.
- +069/4.2. ‡ **Lysimachia nummularia** (Creeping-Jenny) (Siani Lusk). Maes y porth, SH45 65, Anglesey Flora Group, 4th Jul 2017, established along shaded tracks & rides.
- +‡071/HYD.mac. **Hydrangea macrophylla** (Hydrangea) (Trilliw ar Ddeg). Pen-yr-orsedd, SH3172 8382, D. Evans, 30th Jun 2016, established in corner of field, away from house.
- +‡072/2.3. **Ribes nigrum** (Black Currant) (Llwyn Cwrens Duon). Pont Hwfa, SH23 82, D. Evans, 12th Jul 2016.
- +†073/5.14. **Sedum album** (White Stonecrop) (Briweg Wen). Pen-yr-orsedd, SH31 83, D. Evans, 30th Jun 2016, large patch on roadside.
- +073/5.5. **Sedum telephium** (Orpine) (Canewin). Llechcyafarwy, SH3833 8103, D. Evans, 26th Apr 2016, established on bank away from houses.
- +074/05.19. **Saxifraga tridactylites** (Rue-leaved Saxifrage) (Tormaen Tribys). Holyhead, SH2489 8296, D. Evans, 18th Apr 2016, growing in gravel. Also at 2491.8270.
- +‡075/11.3. **Fragaria ananassa** (Garden Strawberry) (Llwyn Mefus y Gerddi). SH3355 8562, D. Evans, 14th Jul 2016, established on both sides of lane.
- *†075/34.1. **Mespilus germanica** (Medlar) (Merysbren). Maes y porth, SH45 65, Anglesey Flora Group, 4th Jul 2017, 2 trees planted near the walled garden.
- +†077/17.1. **Melilotus altissimus** (Tall Melilot) (Yr Wydro Dal). Newborough Forest SSSI, SH407 658, J. Rees & I. Rees, 19th Aug 2017.
- +077/19.22. **Trifolium scabrum** (Rough Clover) (Meillionen Arw). SH5943 8099, Anglesey Flora Group, 2nd Jun 2017, c.20 plants mixed in with Spring Cinquefoil. First record for E. of Anglesey.
- +078/1.1. ‡ **Hippophae rhamnoides** (Sea-buckthorn) (Rhafnwydden y Môr). Red Wharf Bay, SH5597 8056, J. Rees & I. Rees, 30th Aug 2017, single bush on dune spit near the Tamarisk. Also single bush at 5527.8016.
- *‡078/2.mac×pun. **Elaeagnus ×submacrophylla (E. macrophylla × E. pungens)** (Ebbinge's Oleaster). Lleiniog, SH62 79, N. Brown, 15th Apr 2017, planted on land immediately above the shoreline.
- +‡084/4.1. **Oenothera glazioviana** (Large-flowered Evening-primrose) (Melyn-yr-hwyr Mawr). SH532 723, J. Rees & I. Rees, 30th Aug 2017, verge of A55, & at SH531.722.
- +‡103/1.02. **Geranium versicolor** (Pencilled Crane's-bill) (Pig-yr-aran Resog). Breakwater Quarry C.P., SH223 834, J. Clark, 16th Jun 2010.
- +‡103/1.17. **Geranium macrorrhizum** (Rock Crane's-bill) (Pig-yr-aran Wreiddfawr). Pen-yr-orsedd, SH3165 8353, D. Evans, 30th Jun 2016, e. on verge, away from houses.
- *‡104/1.maj. **Tropaeolum majus** (Nasturtium) (Capan Cornicyll). Llanfaethlu, SH3110 8694, D. Evans, 3rd Jul 2016, building plot in field.
- +107/04.3. **Eryngium maritimum** (Sea-holly) (Celynnen y Môr). Traeth Lligwy, SH4945 8720, J. Rees & I. Rees, 4th Sep 2017, single plant on sand dune.

- +‡110/8.7.© **Solanum tuberosum** (Potato) (Taten). Llanfaethlu, SH31 86, D. Evans, 3rd Jul 2016, on verge, away from houses.
- +111/3.1. **Calystegia soldanella** (Sea Bindweed) (Taglys Arfor). Traeth Lligwy, SH4949 8717, J. Rees & I. Rees, 4th Sep 2017, small patch, c, 2m. across amongst Marram grass.
- *111/3.3×4. **Calystegia ×howittiorum**. SH5318 7185, I. Rees, conf. P. Green Aug 2017, 18th Jun 2013, hedge nr. old chapel. Pink corollas 65mm+ diam., bracteoles saccate, peduncles with slight, but non-wavy ridges, leaf arched/square sinus.
- +‡116/04.4. **Symphytum grandiflorum** (Creeping Comfrey) (Cyfardwf Lusg). Rhosgoch, SH41 89, H. Knott, 26th Apr 2017, spreading into wooded shelter-belt.
- +‡116/09.1. **Borago officinalis** (Borage) (Tafod yr Ych). Maes y porth, SH45 65, Anglesey Flora Group, 4th Jul 2017, seeding in compost heap area outside walled garden.
- +‡118/05.2. **Lamium maculatum** (Spotted Dead-nettle) (Marddanhadlen Fraith). Trearddur, SH2614 7856, D. Evans, 20th Jun 2016, established away from houses on verge.
- *118/06.4×5. **Galeopsis ×ludwigii**. Cefni Reservoir (SE Section), SH444 777, N. Brown, 1st Jul 2017, single plant, gravelly trackside.
- +‡118/23.3. **Mentha spicata** (Spear Mint) (Mintys Ysbigog). Trearddur, SH2643 7884, D. Evans, 27th Jun 2016, Stanley Mill Lane, established on verge.
- +124/01.09.© **Verbascum nigrum** (Dark Mullein) (Pannog Dywyll). Kingsland, SH24 81, D. Evans, 19th Jul 2016, allotments.
- +‡124/13.3. **Linaria purpurea** (Purple Toadflax) (Llin-y-llyffant Porffor). Trearddur, SH26 78, D. Evans, 20th Jun 2016, established on verge in housing estate, but away from houses.
- +124/20.03. **Euphrasia officinalis subsp. anglica** (Effros Lloegr). Newborough Warren SSSI, SH4218 6441, H. Knott, det. C. Metherell, 20th Jun 2017, first confirmed record since 1956 for Anglesey.
- +‡131/3.1. **Symphoricarpos albus** (Snowberry) (Llusen Eira). Trearddur, SH26 78, D. Evans, 20th Jun 2016, roadside hedge.
- +‡131/6.2.© **Lonicera nitida** (Wilson's Honeysuckle) (Gwyddfid Wilson). Trearddur, SH26 78, D. Evans, 20th Jun 2016, hedgerow.
- +135/24.1. **Mycelis muralis** (Wall Lettuce) (Gwylaeth y Fagwyr). Newborough Forest SSSI, SH39 65, J.H. Bratton, 20th Dec 2016, one seed head.
- +135/26.5. **Crepis vesicaria** (Beaked Hawk's-beard) (Gwalchlys Gylfinog). Gwydryn, SH49 68, H. Knott, 20th Apr 2017, old road and adjacent verge.
- +‡135/27.6. **Pilosella aurantiaca** (Fox-and-cubs) (Clust-y-llygoden Euraid). Holyhead, SH24 82, D. Evans, 12th Jul 2016, road verge.
- +‡135/43.1. **Erigeron glaucus** (Seaside Daisy) (Amrhydlwyd Arfor). Trearddur, SH26 78, D. Evans, 20th Jun 2016, established on verge, **Herb. DAE.**
- *‡135/44.1. **Conyza canadensis** (Canadian Fleabane) (Amrhydlwyd Canada). Holyhead, SH24 82, D. Evans, 12th Jul 2016, 1 plant, carpark by school. 1st localised record, **Herb. DAE.**; (+) Llangefni, SH4590 7549, D. Evans, 19th Aug 2016, council car park.
- *‡135/71.2. **Petasites japonicus** (Giant Butterbur) (Yr Alan Mwyaf). Maes y porth,

SH45 65, Anglesey Flora Group, 4th Jul 2017, originally planted and now spreading, will require control.

*‡147/4.1. **Zantedeschia aethiopica** (Altar-lily) (Lili'r Pasg). Hebron, SH4581 8411, D. Evans, 22nd May 2016, established and spreading along the verge, originally from a garden.

+‡147/5.2. **Arum italicum** (Italian Lords-and-Ladies) (Pidyn-y-gog Eidalaidd).

Holyhead, SH24 83, D. Evans, 12th Apr 2016, established in grass, near gardens.

+152/16.08.b. **Carex muricata subsp. pairae** (Small-fruited Prickly-sedge). SH59 80, Anglesey Flora Group, 2nd Jun 2017.

+‡153/62.1. **Cortaderia selloana** (Pampas-grass) (Peithwellt). Henllys, SH59 77, N.

Brown, 16th May 2017, several plants just persisting in woodland.

*‡158/05.2. **Hemerocallis lilioasphodelus** (Yellow Day-lily) (Lili Undydd). Llyn Llywenan SSSI (N end), SH3480 8217, D. Evans, 11th Jul 2016, well established along lake shore. Also seen 2015.

*‡158/24.13.b. **Allium ampeloprasum var. babingtonii** (Babington's Leek)

([Cenhinen Babington]). SH2900 8496, J. Rees & I. Rees, 24th Jun 2017, 1.6m. single spike, amongst bracken & bramble on sandy ground by road.

+162/13.1. **Platanthera chlorantha** (Greater Butterfly-orchid) (Tegeirian Llydanwyrdd). SH5023 7173, G Howells, 16th Jun 2017, single flower spike in haymeadow.

+162/18.3. **Dactylorhiza incarnata** (Early Marsh-orchid) (Tegeirian-y-gors Cynnar).

Trearddur, SH2626 7879, D. Evans, 27th Jun 2016, stanley Mill Lane, field.

+162/20.2. **Orchis mascula** (Early-purple Orchid) (Tegeirian Coch y Gwanwyn).

Aberffraw Common SSSI, SH36 68, J. Clark, 28th Jun 2010.

Images 5-8: see article about Windrush Farm, Pembrokeshire, page 5. © Matt Sutton.

Inside back cover images:

Image 5: Slender Club-rush (*Isolepis cernua*), quickly colonised this newly created woodland pool.

Image 6: Rough Hawkbit (*Leontodon hispidus*), abounds in the north-eastern corner of the meadows, perhaps accumulating here as a result of the prevailing winds?

Back cover images:

Image 7: *Molinia* pastures are summer grazed by a small suckler herd of Welsh Black x Hereford cattle.

Image 8: Idiosyncratic building design contributes to plant diversity.

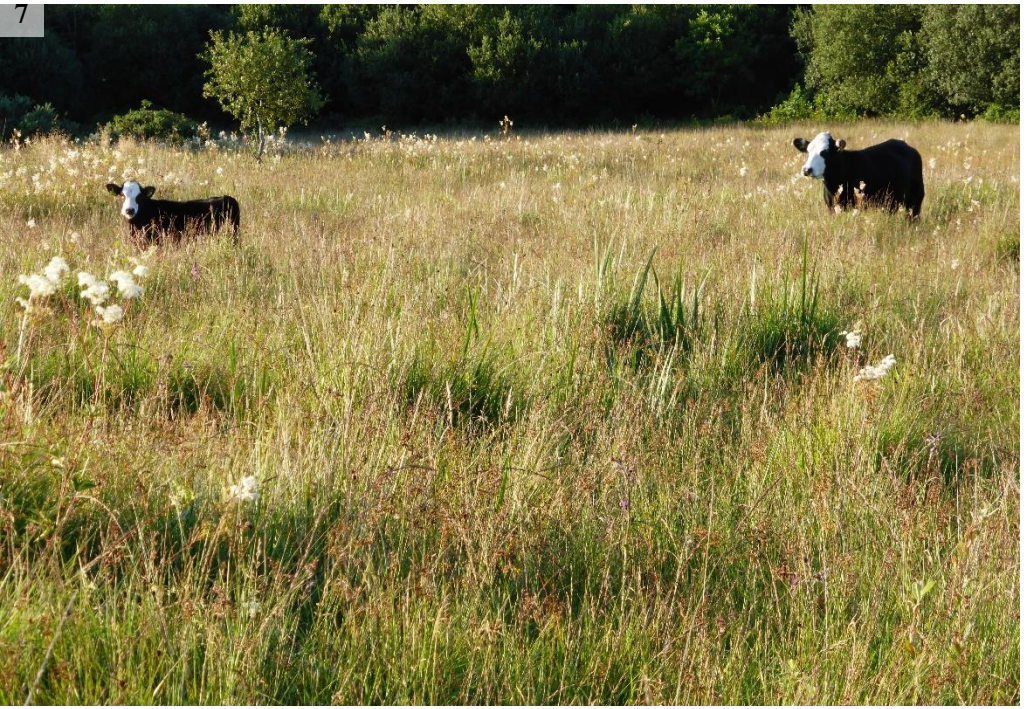
5



6



7



8

