



Welsh Bulletin

**No. 96
July 2015**



Editors : Richard Pryce, Sally Whyman & Katherine Slade

1 & 2: *Viola odorata* var. *dumetorum*
(variously with dark purple spur and purple
splashing).



3: *Viola odorata* var. *praecox* - summer leaf.



4: *Viola odorata* var. *imberbis*
showing pink spur.



5 & 6: *Viola odorata* var. *subcarnea*



Front Cover Photo: Form of *Viola odorata* var. *dumetorum* (Sweet Violet)
with purple splashing. On road bank north of East Aberthaw. **1-6:** Other forms
of *Viola odorata*. Photos: Paul Green (see article, page 12).

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Items for inclusion in the next Welsh Bulletin should be sent to Richard Pryce by **1st December 2015**: Pryceeco@aol.co.

Back issues over one year old are uploaded to the website.

www.watsonia.org.uk/html/wales.html. Most back issues are still available on request @ £2.50 per issue; please contact Sally Whyman or Katherine Slade.

Cheques are payable to BSBI (not BSBI Wales). Future issues are available to BSBI members living outside of Wales by sending £2.50 in advance.

Guest Editorial

ELSA WOOD, *Hon. Secretary of the Committee for Wales*

We are now all in the swing of another busy recording season and pondering on the species that appear to be increasing and decreasing in our vice counties. I have not had sight of the plant records in this edition of the bulletin but this in a small way will reflect the changes.

It seems timely then to comment on the official consultation of the Schedule 9 plants on the Wildlife and Countryside Act that is now in progress.

Whilst the spread of the species on the list is undesirable in the wild, does having them on the Schedule have any effect on their control? How many people have been prosecuted or even investigated for causing the plants to spread? Perhaps those statistics could be published?

Has the enforced control of species such as Japanese Knotweed (*Fallopia japonica*) caused more damage than good?

Over the years, I have come across incidents of liberal uses of toxic herbicides, large doses of salt and even gallons of diesel all adjacent to water courses causing considerable pollution; all because people want to avoid costs of having to dispose of the plant by the designated means.

There are similar incidents for other species.

This shows the significant negative implications of the Act for Statutory bodies that aims to promote biodiversity.

Here in the Wye Valley, Himalayan Balsam (*Impatiens glandulifera*) is marching relentlessly from the river bank up into the woodlands. There are now several patches that invade our woodland annually and we have to pull the small plants by hand. It has also invaded the site for *Stellaria nemorum* ssp. *montana* (Wood Stitchwort) at Llandogo that I try to weed annually much to the bemusement of the landowner! Yet beekeepers love it!!!

It falls to the landowners to be aware of what is growing on their patch and take responsible control measures into their own hands. At present, there is little management strategy or sufficient funds in place for Authorities or anyone else to control invasive species.

If there are robust management systems in place in the countryside as a whole to maintain and enhance biodiversity then control of these species will be more effective. They will not be controlled languishing on a list in an office.

Lastly a plea from the gardeners. Of the new species proposed to be added to Schedule 9, *Buddleja davidii* (Butterfly-bush) has always been a bit of a pest but is recommended for butterflies! Cultivars of *Buddleja* such as 'Black Knight' are treasured in gardens. *Lysichiton americanus* (American Skunk-cabbage) is still sought after for water gardens, *Galega officinalis* (Goat's-rue) is a valued component of the herb garden and *Euphorbia amygdaloides* subsp. *robbiae* (Wood Spurge) has been recommended in the gardening books for dry shade for years! Let's keep these under control in the garden and enjoy them there!

In the days when we had a plant nursery over 10 years ago, we sold *Buddleja* 'Black Knight', *Euphorbia amygdaloides* subsp. *robbiae*, *Galega officinalis* and *Houttuynia cordata* (Fish Plant).

So should I hang **my** head in shame!!?

Welsh Officer Update

PAUL GREEN, *BSBI Welsh Officer* paul.green@bsbi.org 07772 111113

As many of you will be aware, in mid-April, BSBI was informed by Natural Resources Wales that they had been successful with their bid for funding of a part-time BSBI Welsh Officer. This came as a total and unexpected surprise to Polly and me. We were both led to believe there was little chance, if any, of receiving any more funding. The new post will be for 3 days a week starting in mid-June. Polly has accepted the job and will return as full time Welsh Officer in late August, after taking time out for maternity leave. I will finish in mid-June, but likely to carry on as a part-time Welsh Officer until Polly returns to the post.

There have been five meetings organised by the Welsh Officer to date this year. The first was at the National Museum in Cardiff on *Euphrasia* (Eyebrights). Chris Metherall had to step down at the last minute because of ill health and we were very grateful to Fred Rumsey for taking over from Chris for the day at short notice. The workshop was a real eye-opener, it is the first time I had seen photos of all the British *Euphrasia*. Hopefully, I will have more luck in identifying them later in the year!

The second meeting was held in mid-March to search the River Ely west of Cardiff for *Chrysosplenium alternifolium* (Alternate-leaved Golden-saxifrage), which we found to be abundant in places.

The third meeting took place at the very southern limit of Cardiganshire. The first day was spent at Teifi Marsh Nature Reserve where we recorded 221 species for the site. The second day was spent on the dunes at Pen yr Ergyd, NW of Cardigan. The most interesting sighting of the day was seeing *Moenchia erecta* (Upright Chickweed) as a lawn weed along with *Vicia lathyroides* (Spring Vetch). Here the lawns are a dune habitat that are kept mown, ideal for the small spring annuals!

The fourth meeting was supposed to be at Mynydd y Gwyddel, Caernarvonshire, looking for *Trifolium occidentale* (Western Clover), but as the weather forecast was for heavy rain and very windy, the meeting point was rearranged and we went *Fumaria purpurea* (Purple Ramping-fumitory) searching instead. It has now been recorded from 4 hectads in the county. The fifth meeting was held in Flintshire as a *Fumaria* meeting. The first day was very disappointing as we only saw one plant of *F. purpurea*. The second day based at Cwm was outstanding for *Fumaria*; we had 4 species *F. capreolata* subsp. *babingtonii* (White Ramping-fumitory), *F. bastardii* (Tall Ramping-fumitory), *F. muralis* subsp. *boraei* (Common Ramping-fumitory) and *F. purpurea*. All grew in profusion along the lane banks; I have never seen so many Fumitories in one place before!

I have been trying, as often as possible, to put images of the species I have been seeing around Wales on the Welsh Blog page. This blog was originally set up by Polly and I have carried on with it, as Polly will do, on her return from maternity leave. The aim of the blog was to reach out to Welsh BSBI & non-BSBI members. It has certainly achieved far more than expected! After I put up a picture on the blog of *Arum italicum* subsp. *italicum* x *A. maculatum* that I found on a roadside near East Aberthaw, Glamorgan in March this year, I was

surprised to have several of the English VCRs ask me questions on the hybrid, as they also thought they could have it in their counties after seeing my photos.

While I have been out and about on my travels around Wales, I collected a large number of specimens, normally of the rare, non-native species I see. A very large collection of dandelions was also collected on Anglesey and near Bangor during the *Taraxacum* workshop that Polly and I organised last year. All these specimens have been mounted and placed in the Welsh National Herbarium in National Museum Cardiff. This would not have been possible without the help of three of the Museum's volunteers: Frances Simpson, John Owen and Valerie Williams. Their help was much appreciated as it took a good few days to mount all the specimens.

By the time you read this, I will likely have finished my stint as BSBI Welsh Officer and moved to pastures new. It has been a very enjoyable 2¾ years working in Wales. I have been to many wonderful places, seen lots of great plants and enjoyed meeting so many like-minded people. Wales is the only country I can say I have visited every county! It is hard to say which plant has been the highlight of my time in Wales but I am going to plump for *Trifolium suffocatum* (Suffocated Clover) which I found in dune grassland, this year, by the car-park at Ogmores-by-sea, while out surveying with Julian Woodman, only the second extant site in Glamorgan. It always tickles me that I can get so enthralled over a species that the vast majority of the general public wouldn't even realise was flowering!

Calendar of Field Meetings Wales 2015

SARAH STILLE, *BSBI Field Meetings Secretary*. 38 Foregate, Fulwood,
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mossysal@btinternet.com

Full details and procedure for booking are available in the BSBI Year Book 2015 and the BSBI Welsh Bulletin no. 95, January 2015.

6 July: Introduction to wild flowers for beginners, Glamorgan, v.c.41. Leaders: Julian Woodman, Rose Revera and Colin Cheeseman.

10-12 July: Welsh AGM - to include recording and survey events. Merioneth, v.c.48. Leader: Sarah Stille.

13-16 July: Recording meeting based at Northop College, Flintshire, v.c.51. Leader: Emily Meilleur (and Sarah Stille as contact).

17-19 July: *Rubus* workshop in the field - Northop College, Flintshire, v.c.51. Leaders: Emily Meilleur and David Earl.

21-25 July: Caerdeen recording days, Merioneth, v.c.48. Leaders: Sarah Stille and Annie Seddon.

28-30 July: Atlas recording, Denbighshire, v.c.50. Leader: Delyth Williams.

26-27 August: *Hammarbya* search and recording day, Breconshire, v.c.42. Leader: John Crellin (and Sarah Stille as contact).

11-13 September: *Atriplex* workshop, Caernarvonshire/Anglesey, v.c.49/52. Leader: Ivor Rees.

Dr. Jean Anne Green
25th May 1930 to 14th February 2015

DELYTH WILLIAMS, *BSBI Recorder v.c.50 Denbighshire*,
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I am very sorry to be reporting the death of Jean Green on 14th February 2015. Jean was Emeritus Recorder for vice-county 50, Denbighshire, having been Recorder from 1982 until 2009. A collection of photos are shown on the back cover. She joined the BSBI in 1976 and was first elected to the Committee for Wales in 1979, becoming Chair in the late 1980s.

Jean taught me so much about so many things in her quiet, unassuming and modest way. But she was a person of exceptional gifts and talents.

Her qualities and skills were by no means restricted to botany. She was one of the first women to be elected Fellow of The Royal College of Surgeons in 1957, although her surgical career was curtailed, as it was in those days, following the birth of her children.

She was a talented musician, originally wishing to pursue this as a career, playing the flute and oboe in local orchestras. She had a lovely voice and enjoyed singing in the St. Asaph and other local choirs. For many years, she contributed extensively to the North Wales Wildlife Trust, probably her favourite charity.

All of us remember her kindness and patience, sharing freely her extensive knowledge, providing tips and suggestions to encourage improvement and confidence. She always found something of interest to share with us; one learner remembers her simple but effective technique of collecting together the *Calystegias pulchra*, *sepium* and *silvatica*, (Hairy, Hedge and Large Bindweeds) in order to show their differences. She was renowned for her amazing capacity for heading off in her wellies, undeterred, in all weathers into bogs (her favourite), up hills, down cliffs, over walls, under fences and as I vividly recall, straight through a large and towering patch of stinging nettles.

In 2005, she prepared a botanical checklist for Denbighshire (Green, 2006) which is the first such publication for Denbighshire.

She leaves two sons, two daughters, eleven grandchildren and a large number of people who have a profound respect and affection for her and who feel a great sadness at her loss.

Reference: Green, Jean A. (2006). *The Flowering Plants and Ferns of Denbighshire*. Countryside Council for Wales, Bangor.

A day out with Jean Green

Betty Lee

Here is just one example of how Jean brought the countryside to life for those of us lucky enough to join her botanical walks. This happens to be in August 2008 in the Llangollen area, a typical day out with Jean. Her knowledge was impressive and was only equalled by her kindness and patience when sharing it with others. A collection of photos are shown on the back cover.

As a non-botanist who just loves to be out and about enjoying whatever I appreciated the trouble she took to simplify common plants such as bindweeds. A lovely example is shown in the image of *Calystegia* species on the inside back cover, which I thought was brilliant. Jean has collected three varieties, *Calystegia pulchra*, *Calystegia sepium* and *Calystegia silvatica* for direct comparison.

What better way to learn - and enjoy!

Volunteers needed for annual monitoring of UK's wild flowers

COLIN CHEESMAN, *Plantlife Cymru Programme Manager, 13 St Andrews Crescent, Cardiff, CF10 3DB*
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The new **National Plant Monitoring Scheme (NPMS)**, which was launched in spring 2015, will for the first time enable scientists to take an annual stock take of the UK's wild plants and their habitats.

There have been annual monitoring surveys undertaken by volunteers for many different species stretching back to the late 1940's when the National Waterbird Census was established (now the Wetland Bird Survey). More recently the British Trust for Ornithology helped set up the Breeding Bird Survey starting in 1994 and the National Bat Monitoring Scheme was founded by the Bat Conservation Trust in 1997. All of these monitoring schemes contribute to a broader understanding of trends in populations and the health of habitats outside protected areas. Long term consistent data sets can help us to conserve both species and habitats and lead to both changes in policy and practical actions on the ground.

Plants are nature's building blocks and this new monitoring scheme will sit alongside existing schemes to help us understand more about how the countryside is changing. Information on plant species' abundance and change is currently limited, and it is hoped that the scheme will fill this gap in UK biodiversity surveillance. The annual results, collected by volunteers, will help to identify trends in hundreds of species, allowing us to assess plant community changes.

The National Plant Monitoring Scheme is being organised by Plantlife, Botanical Society for Britain and Ireland and the Centre for Ecology and Hydrology and funded by the Joint Nature Conservation Committee.

To do this we need your help. We are looking for volunteers to carry out surveys of wildflowers and their habitats that will provide robust evidence of which widespread plants are increasing or declining, as well as indicating the changing state of our most valued habitats such as grassland, fenland and even road verges. The search is now on to find 2000 volunteers to take part in the NPMS who will play a vital role in gathering information. Together the volunteers will monitor wild plants in 28 important habitats, ranging from hedgerows and meadows to salt marsh and scree slopes.

Volunteers will be able to choose from three options depending on their level of expertise: recording from a short or an extended list of target species in each habitat or recording all species they find in their plots. Each volunteer will be given a 1 km square with a grid showing up to 25 locations. Surveyors will be asked to visit three of those locations and carry out surveys in square plots and then identify two linear features such as hedgerows, rivers and road verges and survey these locations too. The squares have been randomly chosen, but with a focus on squares containing habitats of interest.

If you are interested in helping then sign up for an account on the NPMS website – www.npms.org.uk. Once you have signed-up and logged-in to the NPMS page, you will be able to access the '**Squares near me**' page. Green squares are still available for surveying. Don't despair if there are currently no available squares in your area: as squares are allocated, new survey opportunities will be added! In Wales there are still plenty of opportunities to pick a square – all the blue dots are squares which are still available whilst the orange have been allocated – see map (image 9, inside back cover).

Once you have explored the available squares in your area, a request for a square can be sent to the NPMS administrator who will confirm that your request has been successful and will welcome you to the scheme. You won't

have to wait long before a very comprehensive survey pack arrives on your doormat! (See image 10, inside back cover).

The NPMS is hugely enjoyable and already over 400 volunteers have helped us get the new scheme started. It's easy to do and everyone will receive free training and guidance plus support from the partnership for volunteers who have queries, as well as web support and illustrated guidance notes – so volunteers will have the perfect survey tool kit to get them started!

Looking at the colour forms of *Viola odorata* (Sweet Violet) in Glamorgan

PAUL GREEN paul.green@bsbi.org 07772 111113

One of my passions in the spring is to go around looking to see what colour flowers Sweet Violet populations have. Normally, I start doing this from mid-February but this spring, violets didn't really start flowering until mid-March.

My search area included Cardiff, and generally an area 15 miles radiating out from the city. I visited sites I had seen in previous years, records provided by Barry Stewart that he holds in MapMate and I used the pressed specimens housed at the Welsh National Herbarium, Amgueddfa Cymru - National Museum Wales (NMW).

Sweet Violets, found growing wild, can be split into four colour groups: violet/purple, white/white splashed with purple, pinkish-purple & apricot.

The commonest colour form is white flowering plants. These outnumber the purple and pink flowering plants, something like 9-1. Reading various county Floras and looking at the BSBI Distribution Database (Ddb), this would certainly seem to be true elsewhere in the UK.

It has been a really interesting exercise as, by the time we reached Easter, the white violets were flowering very well, with some populations stretching along road banks and verges for a mile or more in places. The other colour forms never grew in large numbers in the same way. In a number of sites, there were two colour forms growing together, and in two sites, there were three colour forms growing together. One of the things I noticed is that there was never any

indication that the different colour forms crossed with each other, even though they often grew side by side.

Luckily, many of the specimens in NMW had sufficient details that I was able to locate the old site, or at least find a Sweet Violet in the vicinity. The success rate of re-finding the Sweet Violet was something in the region of 90%, interestingly I couldn't always find the colour form recorded on the herbarium sheet, but did find a Sweet Violet of a different colour.

The only colour variety of Sweet Violet I was not able to locate in Glamorgan was the apricot flowered form *Viola odorata* var. *sulfurea*. There is only one county record: Roath Park, Cardiff, 1933, specimen in NMW, this would seem to be the first Welsh record. Interestingly I did find two other colour forms of Sweet Violets in abundance at Roath Park: *Viola odorata* var. *imberbis* and *Viola odorata* var. *praecox* (see descriptions below and photos 1 to 6 on the inside front cover).

There are possibly only two other records for *Viola odorata* var. *sulfurea* in Wales: the first recorded at the edge of leafy lane to bridge over the A55 at SJ03867491, St Asaph, Flintshire, v.c.51, March 2012 (Birch, 2012) and the second, told to me by Ann Sankey since I started looking at Sweet Violets in Glamorgan, who saw var. *sulfurea* in Flintshire, v.c.51 in c. 1956 in a little orchard by a cottage at c. SJ03387560 a little north of St. Asaph. These two sites are within 1km of each other, so could var. *sulfurea* be more widespread in the area and be established!

White Sweet Violets

Both these varieties can have the petals splashed with purple to varying degrees.

Viola odorata var. *dumetorum*

The commonest form in Glamorgan by a very large margin. The petals are white, with tufts of hairs on the lateral petals, spur is purple.

Viola odorata var. *imberbis*

The third commonest colour form in Glamorgan. The petals are white, with no tufts of hairs on the lateral petals, spur is a pinkish colour.

Viola odorata in Glamorgan

Purple Sweet Violets

Viola odorata var. *odorata*

The second commonest form in Glamorgan. The petals are purple, with or without tufts of hairs on the lateral petals, spur is purple. Starts flowering in spring, summer leaves obtuse.

Viola odorata var. *praecox*

The petals are violet-purple, with or without tufts of hairs on the lateral petals, spurs are violet-purple. Starts flowering in December, summer leaves pointed, generally much larger than the other colour forms. Always a garden escape(?) Can often form very large dense stands.

Pinkish-purple Sweet Violet

Viola odorata var. *subcarnea*

The petals are pinkish-purple throughout, lateral petals usually not bearded, spur is pinkish-purple.

Apricot Sweet Violet

Viola odorata var. *sulfurea*

The rarest colour form in Glamorgan and Wales. The petals are apricot; lateral petals usually have tufts of hairs, spur is purple.

Reference: Birch, R. (2012). An Unusual Form of *Viola odorata* from Denbighshire. BSBI Welsh Bulletin, No. 90, June 2012.

Bible Leaves: Dail y Beiblau

JOHN TUDOR HUGHES

In sorting through some old family papers recently, I came across a family Bible with some pressed leaves interspersed in it, which looked as though they might have been used as bookmarks.

I was not sure what the leaves were and when I told Arthur Chater about them he said “Oh they’re most likely to be Tutsan”. And did I know that the Welsh name for Tutsan was Dail y Beiblau (Bible Leaves) after the practice, known to him from Cardiganshire, of using them as bookmarks for Bibles. We were able to confirm his hunch when I showed him the leaves.

Photographs (images 7 & 8 following this article and on the inside back cover) shows the leaf which has written on it the place and date where my mother’s Tudor ancestors were then tenant farmers: Rhosyarreg, October 1826. Rhosyarreg is a hill-farm on the north-west slopes of Pumlumon, above Aberhosan in Montgomeryshire (v.c.47).

The fact that the leaves could be written on at all, and are so well preserved, is a tribute to the leathery quality of *Hypericum androsaemum*. It is also pleasing that their use conformed so exactly to their Welsh name. Dail y Beiblau is the “first-choice” Welsh name for Tutsan given in “Enwau Cymraeg ar Blanhigion” by Dafydd Davies and Arthur Jones (1995).

Of interest to the student of Welsh customs is the fact that October is written in English. The Bible itself is a Welsh one and Welsh would have been the predominant language of the area, as it still is today (in the hill-farms at least).

Reference: Davies, Dafydd & Jones, Arthur (1995). *Enwau Cymraeg ar Blanhigion – Welsh Names of Plants*. Amgueddfa Cymru – National Museum Wales.

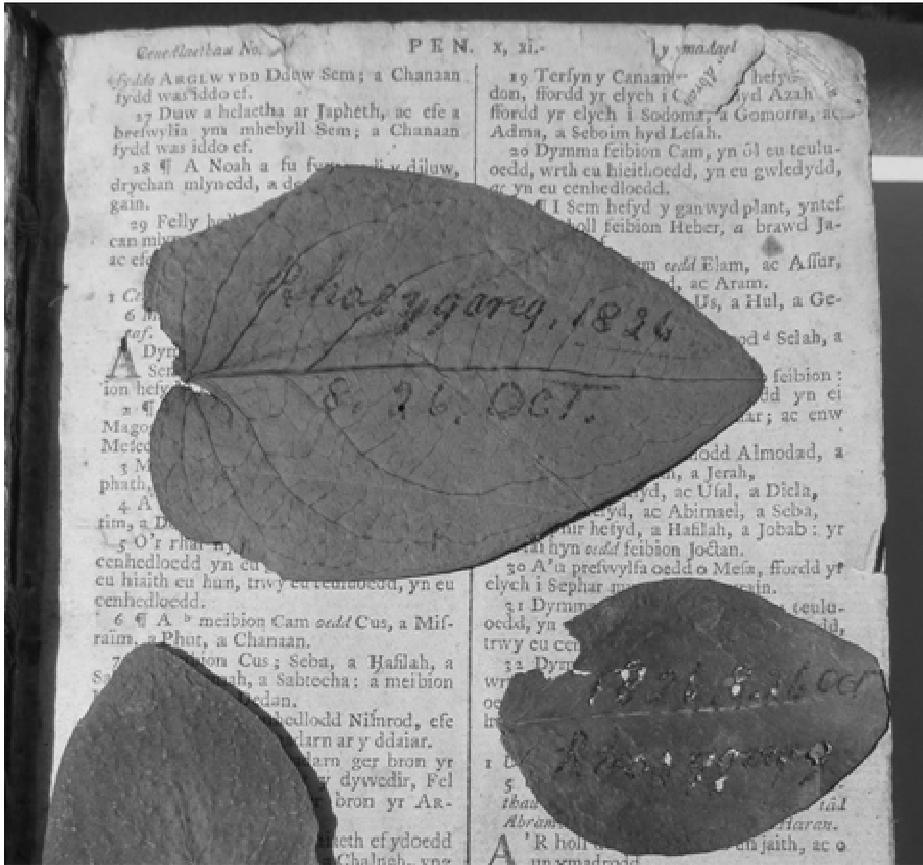


Image 7: Tutsan or Dail y Beiblau (Bible Leaves) used as bookmarks.
Photo: John Hughes.

Welsh Plant Records 2014

Welsh Plant Records are compiled and edited by Stephen Coker, Mountain Grove, Clarboston Road, Haverfordwest, Pembrokeshire, SA63 4SG, from reports of BSBI vice-county Recorders to whom records should be sent. 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* (1996-2009). 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 1/1/2013 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 CCW, Rivers House, St Mellons Business Park, Fortran Road, St Mellons, Cardiff, CF3 0EY (Please mark PERSONAL). 029 2077 2400; Julian.Woodman@ccw.gov.uk

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 (*all correspondence to Mr Porter*).

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; pryceeco@aol.com

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

CARDIGAN, v.c.46; Mr S.P. Chambers (*all correspondence to Mr Chater*).

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

MERIONETH, v.c.48; Mrs S.E. Stille, 38 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; emilytheameilleur@gwynedd.gov.uk or emilytmei11@gmail.com.

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

- +c1-4-fle.f **Nitella flexilis var. flexilis** (Smooth Stonewort). Pond, MOD Caerwent, ST477 923, E. Wood & S. Tyler, det.E. Wood, 17th Jul 2014.
- +006/1.1. **Osmunda regalis** (Royal Fern) (Rhedynen Gyfrdwy). Vegetating wet area on coal tip, west of Pontypool and east of Crumlin, SO23 00, S. Tyler & E. Wood, Aug 2014.
- *017/1.1×2. **Polystichum ×bicknellii (P. setiferum × P. aculeatum)**. Broad-leaved woodland, Bowling Green Wood, Dingestow, SO46 10, H. Colls, det.F. Rumsey, 12th Dec 2014.
- +028/13.18. **Ranunculus hederaceus** (Ivy-leaved Crowfoot) (Crafanc-y-frân Dail Eiddew). Small muddy pond in pasture by road, Near Llanvihangel Crucorney, SO32 22, S. Tyler, M. Ogden et al., 21st May 2014, abundant in shallow pond and on mud, first record on hectad since 1969.
- +028/13.23. **Ranunculus aquatilis** (Common Water-crowfoot) (Crafanc-y-frân y D^r). Two shallow concrete depressions, MOD Caerwent, ST46 91, S. Tyler, 22nd Apr 2014.
- ⊗031/5.06. **Fumaria purpurea** (Purple Ramping-fumitory) (Mwg-y-ddaear Glasgoch). Corner of churchyard, Mathern church, ST523 908, E. Wood & A. Wood, conf. E. Wood, 9th May 2014, 3 plants; (⊗) roadside verge, Chepstow roundabout, ST536 932, P.R. Green, May 2014, several plants.
- ⊠†036/1.2. **Urtica urens** (Small Nettle) (Danhadlen Fach). Arable field, Trostrey, SO37 05, C. Shellswell, 2012.
- +‡036/3.1. **Soleirolia soleirolii** (Mind-your-own-business) (Mam Miloedd). Churchyard, Tredunnock, ST39S, E. Wood & A. Wood, 13th Sep 2014.
- +†043/1.05. **Chenopodium glaucum** (Oak-leaved Goosefoot) (Troed-yr-^ydd Dail Derw). Muck heap in brassica field, near Trellech, SO489 043, E. Wood & A. Wood, 2nd Oct 2014, first inland record, 2 plants at base of dung heap and 2 in field.
- +©044/1.1. **Amaranthus retroflexus** (Common Amaranth) (Blodyn Amor). In maize field near old muck heap, Penallt, SO51 08, S. Tyler, 14th Oct 2014.

- +046/07.10. **Cerastium diffusum** (Sea Mouse-ear) (Clust-y-llygoden Arfor). Car park of Tintern Abbey, Tintern, SO532 002, C. Lovatt, 19th Jun 2014, several plants in the paving cracks.
- +046/10.8. **Sagina maritima** (Sea Pearlwort) (Corwlyddyn Arfor). Verge, Magor service station, ST4199 8798, C. Lovatt, 12th Feb 2015, growing with *Plantago coronopus* near the motorway restriction signs.
- +046/17.4. **Spergularia rubra** (Sand Spurrey) (Troellig Arfor Coch). Gravel tracks, Rogiet Countryside Park, ST457 875, E. Wood & S. Tyler, 16th Aug 2014, several small plants.
- +‡047/8.11. **Rumex cristatus** (Greek Dock) (Tafolen Groeg). Sea wall, Newport wetlands reserve, ST324 834, T.C.G. Rich, 19th Jun 2014, 1 plant.
- +†053/1.7. **Malva neglecta** (Dwarf Mallow) (Corhocysen). Roadside verge, by the entrance to the RSPCA centre, Newport, ST355 879, E. Wood & A. Wood, 26th Nov 2014, several plants.
- +061/2.16. **Salix repens** (Creeping Willow) (Corhelygen). Coal spoil, Machen, ST29A, E. Wood & A. Wood, 10th Jul 2014, odd plants scattered on coal spoil in the tetrad.
- +062/22.2. **Erophila verna** (Common Whitlowgrass) (Llysiau'r-bystwn Cynnar). Roadside verge, West gate entrance to MOD caerwent and on the walls of the Roman remains in Caerwent village, ST49Q, E. Wood & A. Wood, conf. E. Wood, Apr 2014, locally frequent.
- +†062/30.2. **Lepidium campestre** (Field Pepperwort) (Pupurlys y Maes). In rubble and discarded material over cliff, Sudbrook, ST58D, E. Wood & A. Wood, 24th May 2014, probably thrown out with rubbish but several plants established.
- ⊗†062/35.2.a. **Sinapis alba subsp. alba**. Brownfield site - old coal yard by railway, Troy Station, Monmouth, SO509 118, H. Colls, Dec 2013 and 11 May 2014, 2-3 plants flowering and fruiting in May 2014.
- +‡073/1.3. **Crassula helmsii** (New Zealand Pigmyweed) (Corchwyn Seland Newydd). Shallow pond on brownfield site, Duffryn, Newport, ST27 83, E. Wood & S. Tyler, 30th May 2014; (+) pond, near northern boundary of MOD Caerwent, ST482 926, E. Wood & A. Wood, 14th Oct 2014, abundant in pond.
- +074/05.15. **Saxifraga granulata** (Meadow Saxifrage) (Tormaen y Gweunydd). Broad-leaved Woodland, by River Monnow SE of Party Seal, SO428 232, R. Ruston & S. Tyler, 2nd May 2014, one clump with about 20 flowering stems.
- +074/05.19. **Saxifraga tridactylites** (Rue-leaved Saxifrage) (Tormaen Tribys). Pavement cracks, Sudbrook village, ST58D, E. Wood & A. Wood, 24th May 2014, scattered through the village.
- +‡074/08.1. **Tellima grandiflora** (Fringecups) (Clychau'r Clawdd). Riverside bank, By Afon Lwyd at Cwmavin, SO26 07, S. Tyler & E. Wood, 5th Jun 2014, locally abundant along river edge.
- +074/09.2. **Chrysosplenium alternifolium** (Alternate-leaved Golden-saxifrage) (Eglyn Bob yn Eilddail). Broad-leaved damp woodland, Dawn of Day on Graig Syrffyrddin, SO42 22, E. Wood & S. Tyler, 8th Oct 2013, large patch along small path.

- +075/08.13.ari. **Rubus ariconiensis**. Hedgerow, Llandogo, SO524 042, M. Porter, 20th Jun 2014.
- +075/19.10.b. **Alchemilla filicaulis subsp. vestita** (Mantell-Fair Flewog). Pasture by river, east of Grosmont, SO40 24, S. Tyler, 2nd May 2014.
- +075/21.12.Pub. **Rosa canina Group Pubescentes**. Hedgerows, nr Shirenewton, ST49R, E. Wood & A. Wood, Oct 2014, occasional in hedgerows in the tetrad; (+) hedgerows, Trellech Grange, SO40V, E. Wood & A. Wood, Sep 2014, occasional in hedgerows in the tetrad.
- +075/21.19. **Rosa micrantha** (Small-flowered Sweet-briar) (Drysiën Bêr Fân-flodeuog). Sea wall, Newport wetlands reserve, ST325 833, P.R. Green & T.C.G. Rich, 19th June 2014, 2 plants on sea wall.
- ☐+077/10.3. **Ornithopus perpusillus** (Bird's-foot) (Troed yr Aderyn). Stony track, Mynydd y Grug near Caerphilly, ST17 90, S. Tyler & E. Wood, 7th Oct 2014, 52 plants; (☐+) sandy track in heathland, Beacon Hill, Trellech, SO5150 0540, S. Tyler, 19th Sep 2013, first record for >20 years. small flowering patch - ca 80 plants in 5m with several more in next 10m - on track in a tetrad where not recorded since pre 1970; cannot be found in neighbouring tetrad where there was a post 1970 record. Also seen in 2014.
- +†077/17.1. **Melilotus altissimus** (Tall Melilot) (Yr Wydro Dal). Muck heap, near Part y Seal, SO435 219, S. Tyler, 29th Aug 2014.
- +077/18.2. **Medicago sativa**. Brownfield site - old coal yard by railway, Troy Station, Monmouth, SO509 118, H. Colls, 10th Aug 2014.
- ☐077/19.01. **Trifolium ornithopodioides** (Bird's-foot Clover) (Corfeillionen Wen). Coastal bare ground, Rumney Great Wharf, ST2323 7768, P.R. Green, conf. P.R. Green, 26th May 2013, scattered plants on bare open ground.
- ⊗‡077/19.19.a.© **Trifolium incarnatum subsp. incarnatum** (Crimson Clover) (Meillionen Waetgoch). Brownfield site - old coal yard by railway, Troy Station, Monmouth, SO509 118, H. Colls, 31st May 2014, one plant (three flowering spikes plus one other still in bud).
- ☐+077/19.22. **Trifolium scabrum** (Rough Clover) (Meillionen Arw). On old coal tip track, Blaenserchan valley, SO29 04, S. Tyler & M. Kitchen, Jun 2014, large patch in flower; first record in VC35 away from coast.
- +094/1.1. **Linum bienne** (Pale Flax) (Llin Culddail). Brownfield site - old coal yard by railway, Troy Station, Monmouth, SO509 118, S. Tyler, 2nd Jun 2014, one plant in flower.
- +‡102/1.03. **Oxalis corniculata** (Procumbent Yellow-sorrel) (Suran Orweddol). Wall near farm, buildings, Lygwy Farm, Llanvihangel Crucorney, SO320 217, S. Tyler, 21st May 2014.
- ☐107/19.3. **Oenanthe pimpinelloides** (Corky-fruited Water-dropwort) (Cegiden Mynwy). Grassland, Malpas, Newport, ST3130 9065, P.R. Green, conf. P.R. Green, 17th May 2013, lots of leaves in grass by public path.
- +‡110/1.1.© **Nicandra physalodes** (Apple-of-Peru) (Afal Periw). Cultivated ground, nr Michaelstone-y-vedw, ST28M/ST28N, E. Wood & S. Tyler, 23rd Oct 2014.

- +‡110/9.1. **Datura stramonium** (Thorn-apple) (Afal Dreiniog). Cultivated ground, nr Michaelstone-y-vedw, ST28M/ST28N, E. Wood & S. Tyler, 23rd Oct 2014.
- +‡111/3.2.b.‡ **Calystegia sepium subsp. roseata**. Hedgerow, by Llanvair Discoed, ST456 918, E. Wood & A. Wood, 13th Sep 2014, 2 or 3 plants scrambling over hedge by stile.
- +‡111/3.4. **Calystegia silvatica** (Large Bindweed) (Taglys Mawr). Hedgerow, Trellech, SO499056, S. Tyler, 23rd July 2014.
- +†118/05.6. **Lamium amplexicaule** (Henbit Dead-nettle) (Marddanhadlen Goch Ddeilgron). Dry bank, Magor service station, ST4208 8801, C. Lovatt, 12th May 2015, on bank and in tyre ruts outside lorry park.
- +118/06.5. **Galeopsis bifida** (Bifid Hemp-nettle) (Y Benboeth Hollt). Hedgerow, Near Mons & Brecon canal, SO21L/SO21V, E. Wood & A. Wood, 18th Aug 2014, several plants scattered in both tetrads.
- *118/18.3. **Clinopodium calamintha** (Lesser Calamint) (Brenhinllys Bach). Gravel mounds, Rogiet Countryside park, ST465 875, E. Wood & S. Tyler, 16th Aug 2014, first County record, several plants on imported gravel and top soil.
- +‡124/01.01 **Verbascum blattaria** (Moth Mullein) (Pannog y Gwyfyn). Revetment, MOD Caerwent, ST476 919, R. Bacon, det.J. Woodman, 10th Jul 2014.
- +130/3.1. **Sherardia arvensis** (Field Madder) (Mandon Las yr ^d). Trampled path in cattle pasture, Jingle Street, Wonastow, SO473 104, S. Tyler, 2nd Jun 2014, several plants in flower; (+) stubble field, Llandogo, SO533 043, E. Wood & A. Wood, 12th Sep 2014, frequent across the field.
- *130/6.14. **Galium parisiense** (Wall Bedstraw) (Briwydd y Mur). Derelict brownfield site on gravelly ground amongst extensive Cladonia lichens, south of the LG factory at Duffryn, Newport, ST279 838, P. Sturgess, 22nd May 2014, first county record, several plants in flower; (+) walls of old Angiddy furnace, Tintern, SO517 004, E. Wood, 21st Jun 2014, second county record, several plants growing out of the furnace walls.
- +†135/17.1. **Helminthotheca echioides** (Bristly Oxtongue) (Tafod-y-llew Gwrychog). By Afon Honddu, Near Pandy, SO32G, S. Tyler, 22nd Aug 2014, one plant; (+) edge of hardcore and muck heap, Near Grosmont, SO42F, S. Tyler, 29th Aug 2014, two flowering plants.
- +†135/22.1. **Lactuca serriola** (Prickly Lettuce) (Letusen Bigog). Gateway into commercial forest, Part y Seal, SO42F, S. Tyler, 29th Aug 2014, 4 flowering plants.
- *135/27.2.eur. **Pilosella officinarum subsp. euronota** (a subspecies of Mouse-ear-hawkweed). Floor of quarry, bottom of the 365 steps at the Wyndcliffe, ST527 973, G. Kay, 18th Jun 2014, first record of subsp.
- *135/27.2.mic. **Pilosella officinarum subsp. micradenia** (a subspecies of Mouse-ear-hawkweed). Floor of quarry, bottom of the 365 steps at the Wyndcliffe, ST527 973, G. Kay, 18th Jun 2014, first record of subsp.
- *135/27.2.off. **Pilosella officinarum subsp. officinarum** (a subspecies of Mouse-ear-hawkweed). Floor of quarry, bottom of the 365 steps at the Wyndcliffe, ST527 973, G. Kay, 18th Jun 2014, first record of subsp.

- +‡135/28.08.138. **Hieracium grandidens** (Grand-toothed Hawkweed). On wall of old rail bridge, By River Wye, Troy near Monmouth, SO512 121, S. Tyler & H. Colls, det.T.C.G. Rich, Jun 2014, frequent on wall, **Herb**.
- +‡135/44.2. **Conyza sumatrensis** (Guernsey Fleabane) (Amrhydlywyd Guernsey). Gravel path, Rogiet Countryside Park, ST46 87, M. Ogden, 28th Aug 2014, 2 plants beside track; (+) industrial estate, Chepstow, ST53 91, E. Wood & A. Wood, 28th Nov 2014, frequent all over the industrial estate.
- +†135/55.3. **Anthemis cotula** (Stinking Chamomile) (Camri'r C^n). Waste ground by rail line, Near Garn Lakes, SO23 09, S. Tyler & E. Wood, 23rd Aug 2014; (∞) arable field, Clytha Hill, SO36 06, C. Shellswell, 2012; (∞) arable field, Trostrey, SO37 05, C. Shellswell, 2012; (∞) arable field, Little Hardwick Farm, Llanellen, SO306 114, S. Tyler, conf. S. Tyler, 27th Jun 2013, locally frequent; (∞) arable field, west of Llandewi Rhydderch, SO327 123, S. Tyler, conf. S. Tyler, 27th Jun 2013, locally frequent.
- +‡138/6.1. **Lagarosiphon major** (Curly Waterweed) (Ffugalaw Crych). Pools of 14 locks, near Newport, ST29Z, E. Wood & S. Tyler, 2nd Jul 2014, mostly in the top pools of 14 locks.
- +‡147/5.2. **Arum italicum** (Italian Lords-and-Ladies) (Pidyn-y-gog Eidalaid). Roadside banks by farm and across road opposite farm, near Llanvihangel Crucorney, SO327 218, S. Tyler, 21st May 2014, three plants.
- +148/2.1. **Lemna gibba** (Fat Duckweed) (Llinad Crythog). Reservoir inlet, Wentwood, ST429 936, E. Wood & S. Tyler, 2nd Jan 2015, non gibbous form.
- +‡148/2.tur. **Lemna turionifera**. Sunken metal container in FC woodland, nr Tintern, SO521 011, E. Wood & A. Wood, 22nd Nov 2014, abundant in shallow water.
- +148/2.val. **Lemna valdiviana**. Lagoons, Newport wetlands reserve, ST33 83, E. Wood & P.R. Green, 19th Jun 2014, small patches in several lagoons; (*) pond, St Arvans, ST514 982, E. Wood, det.E. Wood & P.R. Green, 2013 & June 2014, first County record extensive patches probably garden centre origin.
- 152/07.2. **Schoenoplectus tabernaemontani** (Grey Club-rush) (Llafwrwynen Arfor). Small lake in old industrial area, Abertussog, SO134 056, H. Colls, 16th Aug 2013.
- +‡152/11.2. **Cyperus eragrostis** (Pale Galingale) (Ysnoden-Fair Welw). Small field by churchyard, Llandewi Rhydderch, SO349 129, S. Tyler, September 2014; (*) soil heap between two farms, Jingle Street, Wonastow, SO476 098, H. Colls, 9th Oct 2014, one plant.
- +152/16.01. **Carex paniculata** (Greater Tussock-sedge) (Hesgen Rafunog Fawr). Mynydd y Crug, near Caerphilly, ST164 915, S. Tyler & E. Wood, 7th Oct 2014.
- *152/16.05×15. **Carex ×pseudoaxillaris** (**C. otrubae** × **C. remota**). Edge of reed, by road junction in Redwick, ST414 844, E. Wood & A. Wood, det.E. Wood, 21st May 2014, first County record, 2 plants with parents growing near by.
- ⊗152/3.3. **Eleocharis uniglumis** (Slender Spike-rush) (Ysbigfrwynen un Cibyn). Leachate at bottom of coal tip, Machen, ST215 904, E. Wood & A. Wood, 10th Jul 2014, only county site, last recorded in 1920. Large patch growing with *Juncus gerardii*.

- +152/3.5. **Eleocharis quinqueflora** (Few-flowered Spike-rush) (Ysbigfrwynen Goch). Marshy area, Red House farm, SO427 127, A. Wood, det.E. Wood, 8th Jun 2014, second county record, several patches in wet hollow.
- +153/18.01. **Poa infirma** (Early Meadow-grass) (Gweunwellt Cynnar). Disused car park, Tintern-old Abbey hotel, ST532 999, E. Wood, 21st Jun 2014, second county record, several plants, site where big lorries park at night.
- +153/46.1. ‡ **Polygogon monspeliensis** (Annual Beard-grass) (Barfwellt Unflwydd). Waste ground on industrial estate, Chepstow, ST534 912, E. Wood & A. Wood, 28th Nov 2014, several plants; (+) around silage bags in pasture, Llancillo Monnow, SO32S/SO3725, S. Tyler, 31st Oct 2014.
- +‡153/46.2. **Polygogon viridis** (Water Bent) (Barfwellt y D[^]r). Side of reën, East of Undy, ST441 870, H. Colls, det.M. Kitchen, Aug 2014, second county record, 6 plants between track and reën.
- +‡153/68.1. © **Echinochloa crus-galli** (Cockspur) (Cibogwellt Rhydd). Maize fields, Llanvair discoed & nr Shirenewton, ST49K/ST49R, E. Wood & A. Wood, Oct 2014, widespread in maize fields in both tetrads.
- *153/68.mur. **Echinochloa muricata**. Maize field, by Llanvair Discoed, ST456 918, E. Wood & A. Wood, 13th Sep 2014, several plants at edge of the maize crop with *Echinochloa crus-galli* and *Ambrosia artemisiifolia*-herbarium specimen taken.
- +‡158/24.07. **Allium triquetrum** (Three-cornered Garlic) (Garlleg Trianglog). Roadside verges, near Cat's Ash, ST39Q, E. Wood & A. Wood, 18th Mar 2014, spreading along the road verges; (+) roadside verge, near Newchurch, ST49N, E. Wood & A. Wood, 21st Apr 2014, spreading along the road verges.
- +162/18.4. **Dactylorhiza praetermissa** (Southern Marsh-orchid) (Tegeirian-y-gors Deheul). Pasture, Llanvetherine, SO31T, R. Brown, 12th Jun 2012.
- ⊖162/20.3. **Anacamptis morio** ([Green-winged Orchid]) (Tegeirian y Waun). Field, Leechpool holdings, ST503 895, S. Tyler, May 2014; (⊖) hay meadow, Leechpool Holdings, Portskewett, ST58E, R. Cornock, det. N. Cornock, May 2013

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

- *†031/5.07.b. **Fumaria officinalis subsp. wirtgenii**. Briton Ferry-Baglan, SS74 93, C. & H. Hipkin, 20th Nov 2014.
- *036/1.1.b. **Urtica dioica subsp. galeopsifolia**. St Hilary, ST0135 7332, P.R. Green, 27th Jun 2014, large patch on edge of road by wood.
- †036/1.2. **Urtica urens** (Small Nettle) (Danhadlen Fach). Ogmore, SS881 770, J.P. Woodman, 26th Sep 2014.
- *043/3.02×04. **Atriplex ×gustafssoniana** (Kattegat Orache) (Llygwyn Kattegat). Gileston, ST0154 6647, P.R. Green, 15th Sep 2014, margin of saltmarsh.
- +046/17.3. **Spergularia marina** (Lesser Sea-spurrey) (Troellig Arfor Bach). Gelli-gaer Common, SO105 061, B. Stewart, 31st Jul 2014, on edge of tarmac by verge SO10520613 (no apparent petals! Winged seed scarce).

- ⊖051/1.06×07. **Hypericum ×desetangsii** (Des Etangs' St John's-wort) (Eurinllys Des Etangs). East Merthyr Tydfil, SO062 063, J.N. Davies, conf. S.Tyler & E. Wood, 10th Jul 2014.
- +‡061/1.1. **Populus alba** (White Poplar) (Poplysen Wen). Goat Mill Road, Merthyr Tydfil, SO062 067, J.N. Davies, 10th Jul 2014.
- 061/2.16. **Salix repens** (Creeping Willow) (Corhelygen). Blaengwynlais quarry, ST14 84, J.P. Woodman, 18th May 2014.
- *‡062/14.cor. **Cardamine corymbosa** (New Zealand Bitter-cress) (Berwr Chwerw Seland Newydd). Pyle Garden Centre, SS828 802, P.R. Green, 4th May 2014, couple on paths in garden centre.
- ⊕066/1.1. **Pyrola minor** (Common Wintergreen) (Coedwyrdd Cyfryngol). Mynydd Resolven, SN8602, C. & H. Hipkin, Sep 2014, a small population at the edge of a Sitka Spruce plantation. Previous record by Joseph Hooker in 1840 - 175 years ago.
- +066/1.3. **Pyrola rotundifolia** (Round-leaved Wintergreen) (Glesyn-y-gaeaf Deilgrwn). Cwm Colliery, Beddau, ST067 855, M. Harding, Aug 2014, 40+ plants noted.
- +073/5.16. **Sedum anglicum** (English Stonecrop) (Briweg y Cerrig). Brombil Valley, SS79 87, C. & H. Hipkin, 12th May 2014.
- 074/09.2. **Chrysosplenium alternifolium** (Alternate-leaved Golden-saxifrage) (Eglyn Bob yn Eilddail). St George's, ST1005 7695, P.R. Green, 18th Mar 2014, several small patches in damp area near Ely River.
- +‡075/19.15. **Alchemilla mollis** (Garden Lady's-mantle) (Mantell-Fair y Gerddi). Blaengwynlais quarry, ST14 84, J.P. Woodman, 18th May 2014.
- *075/21.04×12. **Rosa ×irregularis**. Llangan, SS9574 7776, P.R. Green, 28th Aug 2014, hedge.
- *‡075/32.42. **Cotoneaster amoenus** (Beautiful Cotoneaster) (Cotoneaster Hardd). Coastland: maritime cliff and slope, cliff and slope east of Fox Hole, Southgate, SS554 872, B. Stewart, 3rd Jul 2014.
- *‡075/32.hen. **Cotoneaster henryanus** (Henry's Cotoneaster) (Cotoneaster Henry). Dyffryn Cellwen and Gors Llwyn, SN85 10, C. & H. Hipkin, 2nd Jul 2014.
- +‡077/02.1. **Galega officinalis** (Goat's-rue) (Nuw'r Geifr). Penydarren allotments, SO055 074, J.N. Davies, 9th Sep 2014.
- +‡077/13.1. **Securigera varia** (Crown Vetch) (Ffachysen Goronog). Goat Mill Road, Merthyr Tydfil, SO061 067, J.N. Davies, 10th Jul 2014.
- +077/15.12. **Lathyrus nissolia** (Grass Vetchling) (Ytbysen Feinddail). Sarn Helen (north), SN85 08, C. & H. Hipkin, 8th Jun 2014, abundant in roadside verges on reclaimed coal spoil.
- +†077/17.1. **Melilotus altissimus** (Tall Melilot) (Yr Wydro Dal). Goat Mill Road, Merthyr Tydfil, SO061 070, J.N. Davies, 16th Aug 2014.
- ⊗077/19.05.© **Trifolium glomeratum** (Clustered Clover) (Meillionen Glystyrog). Short droughted grassland, Port Eynon car park, SS467 850, S. Leach, 9th Jun 2014, single plant; (⊗) coastland, Horton dune / soft cliff, SS476 855, S. Hedley, 10th Jun 2014, c1000 plants, site runs from c. SS 47599 85600 to SS 47641 85593.

- 077/25.4. **Genista anglica** (Petty Whin) (Cracheithinen). Morfa Llangrallo, SS94 79, J.P. Woodman, 19th Sep 2014.
- +078/1.1.‡ **Hippophae rhamnoides** (Sea-buckthorn) (Rhafnwydden y Môr). Goat Mill Road, Merthyr Tydfil, SO061 069, J.N. Davies, 16th Aug 2014.
- 084/1.02×06 **Epilobium ×dacicum** (**E. parviflorum** × **E. obscurum**). Newlands park, Merthyr Tydfil, SO058 073, J.N. Davies, det.G. Kitchener, 22nd Aug 2014.
- *084/1.02×08 **Epilobium ×floridulum**. St y-Nyll, ST0961 7849, P.R. Green, 15th Sep 2014, bank of lane.
- +†091/2.10. **Euphorbia exigua** (Dwarf Spurge) (Corlaethlys). Pelenna Valley, SS81 96, C. & H. Hipkin, 18th Jul 2014, small population in calcareous areas at side of forestry road.
- *‡091/2.obl. **Euphorbia oblongata** (Balkan Spurge) (Llaethlys y Balcanau). St Hilary, ST0168 7323, P.R. Green, 27th Jun 2014, one on roadside.
- *‡093/1.coi. **Vitis coignetiae** (Crimson-glory-vine). Ely, ST1521 7662, P.R. Green, 23rd Jun 2014, large patch on edge of waste ground. Almost in flower.
- +094/1.1. **Linum bienne** (Pale Flax) (Llin Culddail). Maesgwyn opencast (2), SN86 07, C. & H. Hipkin, 22nd Apr 2014, small population on coal tip near forestry road.
- *103/1.20. **Geranium purpureum** (Little-Robin) (Y Goesgoch Fach). Cardiff Bay, ST1941 7383, P.R. Green, 31st May 2014, 9 plants on bare ground by fence by path.
- *‡106/1.alg. **Hedera algeriensis** (Algerian Ivy) (Iorwg Algeria). Llanduff South, ST1458 7897, P.R. Green, 2nd Feb 2014, large stand under trees on bank of River Taff.
- *‡107/04.2. **Eryngium planum** (Blue Eryngo) (Celynnen-y-môr Las). Cardiff Bay, ST1910 7271, P.R. Green, 31st May 2014, self-sown in joint in concrete.
- *‡111/3.4.dis. **Calystegia silvatica subsp. disjuncta**. Cardiff, ST18 77, P.R. Green, 30th Jun 2014, hedge of car park.
- +‡116/09.1. **Borago officinalis** (Borage) (Tafod yr Ych). Penydarren allotments, SO055 074, J.N. Davies, 9th Sep 2014.
- 118/01.5×6. **Stachys ×ambigua** (Hybrid Woundwort) (Briwlys Croesryw). field, Galon uchaf Road, Merthyr Tydfil, SO053 077, J.N. Davies, conf. J.P. Woodman, 2nd Sep 2014.
- +‡118/16.1. **Melissa officinalis** (Balm) (Balm). Penydarren allotments, SO055 074, J.N. Davies, 9th Sep 2014.
- +118/25.4. **Salvia verbenaca** (Wild Clary) (Clari Gwyllt). Port Talbot, SS76 89, W. Larcombe, 13th Sep 2014, small group of plants established in roadside verge at SS76475 89675.
- +121/2.1. **Littorella uniflora** (Shoreweed) (Beistonnell Ferllyn). Mosshouse Wood & Reservoir, SS77 98, C. & H. Hipkin, 17th Oct 2014, on south shore of Mosshouse Reservoir.
- ⊗‡124/01.05. **Verbascum phlomoides** (Orange Mullein) (Pannog Oren). Ely, ST1497 7660, P.R. Green, 23rd Jun 2014, one on waste ground.

- ‡124/13.3. **Linaria purpurea** (Purple Toadflax) (Llin-y-llyffant Porffor). Penydarren, SO057 054, J.N. Davies, 22nd Aug 2014.
- *†124/21.1.jau. **Odontites jaubertianus subsp. jaubertianus**. Industrial land, Margam Tip, SS786 837, B. Stewart, 15th Sep 2014.
- *©124/SUT.cor. **Sutera cordata** (Bacopa). Cardiff, ST182 768, P.R. Green, 21st Aug 2014, one self-sown in pavement crack by City Hall.
- +130/6.14. **Galium parisiense** (Wall Bedstraw) (Briwydd y Mur). Ergyd Isaf (pillow mounds), SS78 88, C. & H. Hipkin, 12th May 2014, in base-rich, gravelly, short turf with *Sherardis arvensis*, *Geranium molle* etc.
- +135/11.1. **Centaurea scabiosa** (Greater Knapweed) (Y Bengaled Fawr). Ystalyfera, SN769 087, P.R. Green, 11th Sep 2014, several clumps on road verge.
- *135/11.7.riv. **Centaurea nigra var. rivularis**. Upper Crugau Wood, SN83 06, C. & H. Hipkin, 11th Jul 2014.
- +‡135/27.6. **Pilosella aurantiaca** (Fox-and-cubs) (Clust-y-llygoden Euraid). Goat Mill Road, Merthyr Tydfil, SO062 067, J.N. Davies, 16th Jul 2014.
- +‡135/27.6.b. **Pilosella aurantiaca subsp. carpathicola**. Blaengwynfi Forestry, SS91 97, C. & H. Hipkin, 22nd Jul 2014.
- +‡135/28.07.67. **Hieracium subamplifolium** (Balloon-leaved Hawkweed). Sarn Helen, SN81 03, C. & H. Hipkin, 3rd Aug 2014.
- +‡135/28.08.138. **Hieracium grandidens** (Grand-toothed Hawkweed). Woodland: coniferous: plantation, Maesgwyn opencast (2), SN86 07, C. & H. Hipkin, 3rd Oct 2014.
- +135/30.1. **Filago vulgaris** (Common Cudweed) (Edafeddog Lwyd). Dismantled Railway, south of Eglwys Nunydd Reservoir, SS79 83, C. & H. Hipkin, 18th Sep 2014; (+) Tairgwaith, SN71 12, C. & H. Hipkin, 15th Jul 2014, locally abundant SN7128 1223.
- +135/62.12. **Senecio erucifolius** (Hoary Ragwort) (Creulys Lwyd). Goat Mill Road, Merthyr Tydfil, SO061 067, J.N. Davies, 16th Aug 2014.
- 135/81.2. **Bidens tripartita** (Trifid Bur-marigold) (Grabau Teiran). Morfa Llangrallo, SS94 79, J.P. Woodman, 19th Sep 2014.
- 141/1.1. **Triglochin palustre** (Marsh Arrowgrass) (Saethbennig y Gors). Ogmere, SS880 769, J.P. Woodman, 26th Sep 2014.
- +151/1.06. **Juncus foliosus** (Leafy Rush) (Brwynen Ddeiliog). Cefn Cribwr, SS8566 8303, P.R. Green & J.P. Woodman, 8th Apr 2014, muddy areas; (+) Blaencaerau, SS857 950, B. Stewart, 24th Jun 2014, [07] disturbed forest track & verges (post felling).
- +151/1.08. **Juncus ambiguus** (Frog Rush) (Brwynen y Broga). Margam Tip (Pond 6 - east), SS783 836, B. Stewart, 7th Aug 2014, pond 6 (marginal).
- +151/1.11. **Juncus subnodulosus** (Blunt-flowered Rush) (Brwynen Flaendon). Gwrhyd Meadows SSSI, SN73 07, E. Brown, P.R. Green, S. Westwood & J.P. Woodman, 25th Jun 2014.
- +151/1.25×26. **Juncus ×diffusus** (Diffuse Rush). St y-Nyll Ponds, ST093 782, P.R. Green, 15th Sep 2014, clump on bank of pond.

- 152/16.05. **Carex otrubae** (False Fox-sedge) (Hesgen Dywysennog Goesadeiniog). Goat Mill Road, Merthyr Tydfil, SO063 072, J.N. Davies, conf. M.S. Porter, 16th Aug 2014.
- +152/16.47. **Carex pallescens** (Pale Sedge) (Hesgen Welw). Gwrhyd Meadows SSSI, SN7366 0799, E. Brown, P.R. Green, S. Westwood & J.P. Woodman, 25th Jun 2014, two clumps in field.
- 152/8.1. **Isolepis setacea** (Bristle Club-rush) (Clwbfrwynen Wrychog). Morfa Llangrallo, SS94 79, J.P. Woodman, 19th Sep 2014.
- +153/13.1×2. **Lolium ×boucheanum**. Llangan, SS957 778, P.R. Green, 28th Aug 2014, churchyard.
- 153/16.2. **Puccinellia distans** (Gwellt-y-morfa Atblygedig). Ogmored, SS880 769, J.P. Woodman, 26th Sep 2014.
- 153/46.1. ‡ **Polypogon monspeliensis** (Annual Beard-grass) (Barfwellt Unflwydd). Pentyrch, ST098 820, J.P. Woodman, 9th Jul 2013, reseeded grass contaminant.
- †153/50.7. **Bromus secalinus** (Rye Brome) (Pawrwellt Bach). Pentyrch, ST098 820, J.P. Woodman, 9th Jul 2013, reseeded grass contaminant.
- *‡153/62.1. ric. **Cortaderia richardii** (Early Pampas-grass) (Peithwellt Cynnar). Town centre, Merthyr Tydfil, SO062 050, J.N. Davies, 1st Oct 2014.
- *153/NAS/tea **Nassella tenuissima** (Argentine Needle-grass). Roath Basin, ST194 742, P.R. Green, 1st Jun 2014, many clumps self-sown over waste ground.
- +158/13.1. **Convallaria majalis** (Lily-of-the-valley) (Lili'r Dyffrynnoedd). Crymlyn Burrows West, SS70 92, C. & H. Hipkin, 25th Apr 2014, a large population in woodland near Swansea University Bay Campus. Presumably a garden escape here.
- +‡159/05.05.lae. **Iris laevigata** (Japanese Iris). Cymmer, Foel Fawr pond (144), SS8610 9524, B. Stewart, 24th Jun 2014, aquatics/emergents.
- +162/03.4. **Epipactis helleborine** (Broad-leaved Helleborine) (Y Galdrist Lydanddail). Clydach Vale Country Park, SS96 92, R. & L. Nottage, 13th Jul 2014, a few in plantations near upper lake.
- 162/23.3. **Ophrys apifera** (Bee Orchid) (Tegeirian y Wenynen). Goat Mill Road, Merthyr Tydfil, SO061 065, J.N. Davies, 10th Jul 2014

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

- +010/1.2. **Hymenophyllum wilsonii** (Wilson's Filmy-fern) (Rhodynach Teneuwe Wilson). Limestone rocks, Craig y Cilau, SO19 15, J. Crellin, 20th May 2014, found by Jon Wolgemuth. Update of pre1970 record.
- +015/2.5.a. **Asplenium trichomanes subsp. trichomanes** (a subspecies of Maidenhair Spleenwort). Rock outcrop, Twmpath, SO078 437, M. Porter & C. Porter, det.M. Porter, 17th May 2014, update of pre1987 record.
- +017/1.1. **Polystichum setiferum** (Soft Shield-fern) (Gwrychredynen Feddal). Alltycerrig Wood, SN99 34, P.R. Green, 1st Jul 2014.

- +‡021/3.1. **Thuja plicata** (Western Red-cedar) (Cedrwydden Goch). Tarren yr Esgob (South), SO25 30, J. Crellin, 16th Jul 2014, on slopes under cliffs.
- +027/1.1. **Ceratophyllum demersum** (Rigid Hornwort) (Cyrnddail Caled). Lower Sheephouse fields and ponds, SO20 41, J. Crellin & M. Porter, 23rd Jul 2014, in second pond (nearer Wye).
- +028/13.19. **Ranunculus omiophyllus** (Round-leaved Crowfoot) (Crafanc-y-frân y Rhostir). Coedcae-Prince, SN79 09, J. Crellin, 9th Sep 2014.
- +028/16.1. **Aquilegia vulgaris** (Columbine) (Troed y Golomen). Waste ground, Beaufort, SO167 121, M. Porter & C. Porter, det.M. Porter, 2nd Jul 2014, update of pre1987 record; (+) wooded river bank, Llangynidr, SO150 202, M. Porter & C. Porter, det.M. Porter, 28th Apr 2014, update of pre1970 record.
- +†030/1.3.a. **Papaver somniferum subsp. somniferum**. Disused railway, Sheephouse Farm, nr. Hay, SO20 41, J. Crellin & M. Porter, det.M. Porter, 22nd Jul 2014, brecknock Plant Group.
- +036/2.1. **Parietaria judaica** (Pellitory-of-the-wall) (Paladr y Wal). Builth Wells, SO03 51, A. Shaw, det.J. Crellin, 3rd Jan 2015, first seen in 2014, recorded by JRC 2015.
- +‡040/2.2. © **Alnus incana** (Grey Alder) (Gwernen Lwyd). Waste ground, Garnlydan x Beaufort, SO167 121, M. Porter & C. Porter, det.M Porter, 2nd Jul 2014, regenerating from planted trees.
- +‡045/2.2. **Claytonia sibirica** (Pink Purslane) (Porpin Pinc). Bank of R. Usk, Llangynidr, SO148 202, M. Porter & C. Porter, det.M. Porter, 29th Apr 2014; (+) Usk Dan y Parc, SO22 17, P.R. Green, 9th Jan 2014.
- +045/3.1.b. **Montia fontana subsp. variabilis**. Moorland flush, Milgatw, SO13 11, J. Crellin & M. Porter, det.M. Porter, 29th Jun 2014, **Herb.MP**
- +045/3.1.d. **Montia fontana subsp. chondrosperma**. Cwm Cadlan Upland, SN98 11, J. Crellin, 1st May 2014.
- +046/17.3. ‡ **Spergularia marina** (Lesser Sea-spurrey) (Troellig Arfor Bach). Cefn Onneu, SO16 15, P.R. Green, 17th Jul 2014, common along roadside.
- +047/1.09. **Persicaria amphibia** (Amphibious Bistort) (Canwraidd y D^r). Grwynne Fechan, SO22 25, J. Crellin, 3rd Jul 2014, update of pre 1970 record.
- +†047/4.3. **Polygonum arenastrum** (Equal-leaved Knotgrass) (Y Canclwm Manddail). Ystradowen, SN76 12, P.R. Green, 11th Sep 2014.
- +051/1.03. **Hypericum androsaemum** (Tutsan) (Dail y Beiblau). Lane bank, 1km S of Llanafan fawr, SN96 54, M. Porter & C. Porter, det.M. Porter, 13th Sep 2014, update of pre1987 record.
- +051/1.16. **Hypericum elodes** (Marsh St John's-wort) (Eurinllys y Gors). Grwynne Fechan Valley, SO21 25, J. Crellin, 3rd Jul 2014, **Herb. JRC**
- +057/1.12. **Viola tricolor** (Wild Pansy) (Trilliw). Disturbed road verge, Trewalter, SO132 298, M. Porter & C. Porter, det.M. Porter, 22nd Jul 2014, update of pre1987 record.
- +‡062/20.1. **Lobularia maritima** (Sweet Alison) (Alyswm Pêr). Llangynidr, SO14 19, P.R. Green, 17th Jul 2014, one at base of wall.

- +‡069/3.1. **Cyclamen hederifolium** (Sowbread) (Bara'r Hwch). Hedge bank, Ffawyddog, SO203 184, M. Porter & C. Porter, det.M. Porter, 18th Sep 2014.
- +069/4.3. **Lysimachia vulgaris** (Yellow Loosestrife) (Trewyn). Coedcae-Prince, SN79 09, J. Crellin, 9th Sep 2014, update of pre 1970 record; (+) Pentwyn Reservoir, SO04 15, P.R. Green, 18th Sep 2014.
- +069/6.3. **Centunculus minimus** (Chaffweed) (Gwlyddyn-Mair Bach). Talybont Reservoir, SO09 18, P.R. Green, 18th Sep 2014, 22 plants on side of path in bare areas amongst grass above Talybont Reservoir.
- +‡073/1.3. **Crassula helmsii** (New Zealand Pigmyweed) (Corchwyn Seland Newydd). Pant y Llyn, SO03 46, J. Crellin, 28th Aug 2014, dominant on lake shores. Also in streams around.
- +†073/5.14. **Sedum album** (White Stonecrop) (Briweg Wen). Usk Reservoir, SN83 28, P.R. Green, 7th Jul 2014.
- +‡073/5.7. **Sedum spurium** (Caucasian-stonecrop) (Briweg y Cawcasws). Y Gaer, SO00 29, J. Crellin, 15th Aug 2014, on wall.
- +‡075/03.1×3. **Spiraea salicifolia** × **S. douglasii** = **S. ×pseudosalicifolia** (Confused Bridewort) (Ffug Erwain-dail-helyg). Henrhyd, SN85 11, J. Crellin, 30th Jul 2014; (+) lane hedge, 2 km S of Defynnog, SN92 25, M. Porter & C. Porter, det.M. Porter, 4th Sep 2014.
- +‡075/08.0.02. **Rubus tricolor** (Chinese Bramble) (Llwyn Mwyar Trilliw). Road verge, Rassau, SO145 115, M. Porter & C. Porter, det.M. Porter, 29th Jun 2014, spreading from amenity planting. 2nd record for vc42.
- *‡075/08.0.11. **Rubus cockburnianus** (White-stemmed Bramble) (Miaren Goeswen). Road verge, Rassau, SO145 115, M. Porter & C. Porter, det.M. Porter, 29th Jun 2014, established and spreading from amenity planting, **Herb. NMW**
- +075/08.10.234. **Rubus flexuosus**. Deciduous wood, Tower Hill nr Cilmery, SN99 51, M. Porter & C. Porter, det.M. Porter, 12th Aug 2014.
- +075/08.13.314. **Rubus pictorum**. Lane hedge, 1 km S of Llanafan fawr, SN966 545, M. Porter & C. Porter, det.M. Porter, 13th Sep 2014.
- +075/21.13.a. **Rosa caesia subsp. caesia** (Hairy Dog-rose) (Rhosyn Rhuddlas). Lane hedge, 2 km SE Defynnog, SN936 262, M. Porter & C. Porter, det.M. Porter, 4th Sep 2014, **Herb.MP**
- +075/21.16×04. **Rosa sherardii** × **R. arvensis** (? × ?). Scrub, Beulah x Llanwrtyd Wells, SN897 491, M. Porter & C. Porter, det.R. Maskew, 27th Aug 1989, **Herb.MP**
- ⊗075/21.17×16. **Rosa mollis** × **R. sherardii** (? × ?). Limestone cliffs, Dyffryn Crawnog, SO093 150, M. Porter & C. Porter, det.R. Maskew, 28th Aug 2003, second record for vc42, **Herb. MP**; (+) limestone cliffs, Dyffryn Crawnog, SO100 151, M. Porter & C. Porter, det.R. Maskew, 28th Aug 2003, **Herb.MP**
- *075/21.19×04. **Rosa micrantha** × **R. arvensis** = **R. ×inelegans** (? × ?). Wood border, Talgarth, SO163 327, M. Porter & C. Porter, det.R. Maskew, 15th Sep 2012, **Herb. MP**

- +‡077/01.1. **Robinia pseudoacacia** (False-acacia) (Coeg-acasia). Gilwern, SO258 145, M. Porter & C. Porter, det.M. Porter, 4th May 2014, large tree with mistletoe, younger trees nearby. Update of pre 1987 record.
- +‡077/02.1. **Galega officinalis** (Goat's-rue) (Nuw'r Geifr). Patch on verge by car park, Coed hir, SO055 142, P.R. Green, 18th Sep 2014, established in wild for at least five years; (*) Brecon, SO047 281, S. Coates, det.M. Porter, 9th Jul 2014, well established in grassland, **Herb. NMW**
- +079/2.4. **Myriophyllum alterniflorum** (Alternate Water-milfoil) (Myrdd-dail Blodau Bob yn Ail). Talybont Reservoir, SO09 17, P.R. Green, 18th Sep 2014.
- +084/1.05. **Epilobium tetragonum** (Square-stalked Willowherb) (Helyglys Pedronglog). Llanwrthwl, SN95 63, R. Knight, 13th Jun 2014.
- +084/1.05.tet. **Epilobium tetragonum subsp. tetragonum**. Roadside, Brecon, SO048 286, M. Porter & C. Porter, det.M. Porter, 11th Jul 2014.
- +‡084/1.08. **Epilobium ciliatum** (American Willowherb) (Helyglys America). Nant y Bryn, SN86 11, J. Crellin, 30th Jul 2014; (+) Lower Sheephouse fields and ponds, SO20 41, J. Crellin, det.M. Porter, 23rd Jul 2014, update of pre1987 record.
- +084/6.1×2. **Circaea ×intermedia** (Upland Enchanter's-nightshade) (Llyisiau-Steffan yr Ucheldir). Roadside copse, Llanafan fechan, SN98 53, M. Porter & C. Porter, det.M. Porter, 13th Sep 2014.
- +103/2.3. **Erodium cicutarium** (Common Stork's-bill) (Pig-y-crëyr). Thin turf near roadside, Twmpath, SO078 437, M. Porter & C. Porter, det.M. Porter, 17th May 2014, update of pre1987 record.
- +‡105/1.4. **Impatiens glandulifera** (Indian Balsam) (Jac y Neidiwr). Pentwyn, SO23 23, J. Crellin, 3rd Jul 2014.
- +106/1.2.b. **Hedera helix subsp. hibernica** (Atlantic Ivy) (Iorwg yr Iwerydd). Palleg Road, SN77 10, J. Crellin, 7th Aug 2014.
- +‡111/3.4. **Calystegia silvatica** (Large Bindweed) (Taglys Mawr). Talybont Reservoir, SO09 18, P.R. Green, 18th Sep 2014, established in wild for at least five years and spreading.
- +‡116/03.1. **Pulmonaria officinalis** (Lungwort) (Llyisiau'r Ysgyfaint). Ffrwdgrech Estate, Brecon, SO02 27, C. Dallmeier, 21st Jan 2014, well established.
- +‡118/04.1.c. **Lamiastrum galeobdolon subsp. argentatum**. Ffawyddog, SO20 18, M. Porter & C. Porter, det.M. Porter, 18th Sep 2014, well established in woodland on edge of common.
- +‡118/05.1. **Lamium album** (White Dead-nettle) (Marddanhadlen Wen). Cwm Nedd Fechan, SN91 13, S. Coates, det.BSBI members, 12th Jul 2014, BSBI Field Meeting.
- +118/06.5. **Galeopsis bifida** (Bifid Hemp-nettle) (Y Benboeth Hollt). Laneside bank, LlethRDDu, nr. Llanafan fawr, SN96 54, M. Porter & C. Porter, det.M. Porter, 13th Sep 2014.
- +118/23.1×2. **Mentha arvensis × M. aquatica = M. ×verticillata** (Whorled Mint) (Mintys Troellennog). Ystradowen, SN76 12, P.R. Green, 11th Sep 2014.

- +‡118/23.1×2×3. **Mentha ×smithiana** (Tall Mint) (Mintys Coch). Grassland, Ffawyddog Common, SO20 18, M. Porter & C. Porter, det.M. Porter, 18th Sep 2014, update of pre 1970 record.
- +120/1.7. **Callitriche brutia** var. **hamulata** (Intermediate Water-starwort) (Brigwlydd Canolig). Ystradowen, SN76 12, P.R. Green, 11th Sep 2014, pond.
- +124/19.3.a. **Melampyrum pratense** subsp. **pratense**. Heathy moorland, Llyn y Garn fawr, SO126 150, M. Porter, 1st Jul 2014.
- +124/24.2.b. **Rhinanthus minor** subsp. **stenophyllus**. Grassland, Rassau, SO145 115, M. Porter & C. Porter, det.M. Porter, 29th Jun 2014.
- *‡129/1.coc. **Campanula cochleariifolia** (Fairy's-thimble). Defynnog, SN92 27, P.R. Green, 7th Jul 2014, lots on side of garden wall. Most with white flowers, one clump with blue flowers.
- +129/3.1. **Wahlenbergia hederacea** (Ivy-leaved Bellflower) (Clychlys Dail Eiddew). Cwm Milgatw, SO13 12, E. Wood, 29th Jun 2014.
- +129/6.1. **Jasione montana** (Sheep's-bit) (Clefryn). Ponde, SO10 37, J. Crellin, 21st Aug 2014, lane up to common via Castle Wood.
- +130/3.1. **Sherardia arvensis** (Field Madder) (Mandon Las yr ^d). Brecon (SO0428), SO04 28, J. Millard, 17th Jun 2014.
- +130/6.03. **Galium uliginosum** (Fen Bedstraw) (Briwydd y Fign). Coedcae-Prince, SN79 09, J. Crellin, 9th Sep 2014.
- +131/2.2.© **Viburnum lantana** (Wayfaring-tree) (Gwifwrnwydden). Pen-y-lan and Usk (SO0427), SO04 27, J. Millard, 27th Aug 2014, amenity planting.
- +‡131/5.1. **Leycesteria formosa** (Himalayan Honeysuckle) (Bachgen Llwm). Usk / Brecon, SO05 27, J. Millard, 17th Jun 2014.
- *‡135/41.5. **Aster lanceolatus** (Narrow-leaved Michaelmas-daisy) (Blodyn-Mihangel Cculddail). Roadside near Pont Nichol, SO14 33, J. Crellin, 24th Oct 2014, **Herb. JRC**
- +‡135/44.1. **Conyza canadensis** (Canadian Fleabane) (Amrhydlwyd Canada). Disturbed lane verge, Trewalter, SO132 298, M. Porter & C. Porter, det.M. Porter, 22nd Jul 2014.
- *137/1.1. **Sagittaria sagittifolia** (Arrowhead) (Saethlys). Canal, Gilwern, SO254 144, M. Porter & C. Porter, det.M. Porter, 20th Jun 2014, several patches from SO254144 to SO256143, **Herb. NMW**
- +‡138/4.2. **Elodea nuttallii** (Nuttall's Waterweed) (Ffugalaw Nuttall). Talybont Reservoir, SO09 18, P.R. Green, 18th Sep 2014, established in wild for at least five years and spreading.
- +142/1.09. **Potamogeton perfoliatus** (Perfoliate Pondweed) (Dyfrllys Trydwill). Talybont Reservoir, SO09 17, P.R. Green, 18th Sep 2014, abundant in Talybont Reservoir.
- +142/1.15. **Potamogeton berchtoldii** (Small Pondweed) (Dyfrllys Bach). Ystradowen, SN76 12, P.R. Green, 11th Sep 2014, scattered patches in pond.
- +142/1.19. **Potamogeton crispus** (Curled Pondweed) (Dyfrllys Crych). Canal, Gilwern, SO254 144, M. Porter & C. Porter, det.M. Porter, 20th Jun 2014, update of pre1970 record.

- +151/1.25×26. **Juncus ×diffusus (J. effusus × J. inflexus)** (Diffuse Rush). Lane verge, 1 km E of Coelbren, SN862 119, M. Porter & C. Porter, det.M. Porter, 15th Aug 2014.
- +152/02.2.a×b. **Trichophorum cespitosum subsp. cespitosum × T. cespitosum ssp. germanicum = T. cespitosum nothosp. Foersteri** (Hybrid Deergass). Rough grassland, Cwm Hydfer, SN852 267, M. Porter & C. Porter, det.M. Porter, 29th Jun 2013, a few clumps growing with T.germanicum, **Herb.MP**; (+) moorland, N of Trefil, SO115 147, M. Porter, 1st Jul 2014, a few clumps growing with T.germanicum, **Herb.MP**
- +152/16.07. **Carex spicata** (Spiked Sedge) (Hesgen Ysbigog Borffor). Lane bank, 2 km E of Coelbren, SN860 119, M. Porter & C. Porter, det.M. Porter, 15th Aug 2014; (+) track verge, Beaufort, SO167 121, M. Porter & C. Porter, det.M. Porter, 2nd Jul 2014, update of pre1970 record.
- +152/16.31 **Carex pendula** (Pendulous Sedge) (Hesgen Bendrom). Ditch outside garden, NW of Llysdynam, SN99 59, M. Porter & C. Porter, det.M. Porter, 11th Sep 2014, garden escape.
- +152/16.46.a. **Carex lepidocarpa** (Long-stalked Yellow-sedge). Henallt Common, SO23 39, J. Crellin, det.M. Rand, 4th Jul 2014, sample taken, **Herb. JRC**
- +153/14.2. **Vulpia bromoides** (Squirreltail Fescue) (Peisgwellt Cynffon Gwiwer). Cwm Nedd Fechan, SN91 13, S. Coates, det.BSBI members, 12th Jul 2014, BSBI Field Meeting.
- +153/16.2. **Puccinellia distans** (Gwellt-y-morfa Atblygedig). Llwyn-on Village, SO01 10, P.R. Green, 28th Jun 2014, verge of the A470.
- +153/18.09. **Poa compressa** (Flattened Meadow-grass) (Gweunwellt Cywasgedig). Ystradowen, SN76 12, P.R. Green, 11th Sep 2014, abundant on side of track.
- +153/50.3. **Bromus racemosus** (Smooth Brome) (Pawrwellt Llyfn). Cilmery, SO00 51, J. Crellin, 12th Jun 2014, meadow by lane to church.
- *153/50.4.d. **Bromus hordeaceus subsp. longipedicellatus**. Ystradowen, SN76 12, P.R. Green, 11th Sep 2014, on side of track leading to fishing pond.
- +153/55.1. **Elymus caninus** (Bearded Couch) (Marchwellt y Coed). Afron Gwydderig, SN85 30, P.R. Green, 28th Jun 2014, along river bank.
- +153/59.4. **Hordeum secalinum** (Meadow Barley) (Haidd y Maes). Meadow at Llanafan Fawr, SO00 51, J. Crellin, det.R. Woods, 12th Jun 2014, **Herb. JRC**
- +162/06.1. **Neottia ovata** (Common Twayblade) (Caineirian). Cwm Nedd Fechan, SN91 13, J. Crellin, 6th May 2014.
- +162/07.1. **Spiranthes spiralis** (Autumn Lady's-tresses) (Troellig yr Hydref). Lawns by Packaging Coordinators Inc in Hay, SO22 41, J. Crellin, 18th Aug 2014.
- +162/18.5. **Dactylorhiza purpurella** (Northern Marsh-orchid) (Tegeirian-y-gors Gogleddol). Bryn Du, SN97 20, P.R. Green, 26th Jun 2014, one on verge of layby

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

- *‡030/1.2. **Papaver atlanticum** (Atlas Poppy) (Pabi'r Atlas). Yew Tree Hall, SO16 71, S.M. Spencer, 5th Jul 2014.
- *046/17.3. **Spergularia marina** (Lesser Sea-spurrey) (Troellig Arfor Bach). By salt store on roadside, Cilfaesty Hill, SO120 835, E.R. Dean/S.M. Spencer, 24th Jul 2011.
- *047/8.13×14. **Rumex ×schulzei**. Waste ground, Llanelwedd, SO054 517, P.R. Green, 19th Jul 2014.
- *062/12.3. **Rorippa islandica** (Northern Yellow-cress) (Berwr Melyn Gogleddol). Waste ground, Llanelwedd, SO054 517, P.R. Green, 19th Jul 2014, scattered.
- *062/23.5. **Cochlearia danica** (Danish Scurvygrass) (Llwylys Denmarc). Roadside, Penybont, SO11 63, S.M. Spencer, 26th Apr 2014.
- *075/08.05.142. **Rubus ulmifolius**. Llanelwedd, SO05 51, P.R. Green, 19th Jul 2014.
- *075/19.01. **Alchemilla alpina** (Alpine Lady's-mantle) (Mantell-Fair y Mynydd). New Radnor, SO21 60, E.R. Dean/S.M. Spencer/Hereford Bot Soc, 5th Sep 2014.
- *084/1.01×02. **Epilobium ×subhirsutum**. New Radnor, SO21 60, E.R. Dean/S.M. Spencer/Hereford Bot Soc, 5th Sep 2014.
- *084/1.02×06 **Epilobium ×dacicum**. Llanelwedd, SO054 517, P.R. Green, 19th Jul 2014.
- *‡104/1.maj. **Tropaeolum majus** (Nasturtium) (Capan Cornicyll). New Radnor, SO21 60, E.R. Dean/S.M. Spencer/Hereford Bot Soc, 5th Sep 2014.
- *111/3.2.a. **Calystegia sepium subsp. sepium**. Llanelwedd, SO054 517, P.R. Green, 19th Jul 2014.
- *111/3.4.a. **Calystegia silvatica subsp. silvatica**. Llanelwedd, SO054 517, P.R. Green, 19th Jul 2014.
- *‡111/3.4.dis. **Calystegia silvatica subsp. disjuncta**. Llanfihangel-Nant-Melan, SO18 58, E.R. Dean, 28th Jul 2014.
- *118/06.4×5. **Galeopsis ×ludwigii**. Rough grassland, Rhayader Tunnel, SN96 67, E.R. Dean, 15th Aug 2013.
- *‡135/19.2. **Tragopogon porrifolius** (Salsify) (Barf-yr-afr Gochlas). Station car park, Llandrindod Wells, SO058 612, P.R. Green, 2nd Jun 2014, one plant.
- *‡135/38.1. **Telekia speciosa** (Yellow Oxeye) (Llygad-llo Melyn). Llanelwedd, SO054 517, P.R. Green, 19th Jul 2014.
- *152/16.44×46.b. **Carex hostiana × c. viridula subsp. oedocarpa**. Malienydd, SO14 71, E.R. Dean/S.M. Spencer/D.R. Humphreys, 11th Sep 2009.
- *‡159/13.1. **Crocossia paniculata** (Aunt-Eliza) (Modryb Leusa). Llanelwedd, SO051 519, P.R. Green, 19th Jul 2014

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

- +004/1.7. **Equisetum sylvaticum** (Wood Horsetail) (Marchrawnen y Coed). Craig Twrch, SN677 501, R.N. Stringer & I.K. Morgan, 19th Jun 2014.
- +004/1.9. **Equisetum telmateia** (Great Horsetail) (Marchrawnen Fawr). Nant Fawr ravine, below Llethr Brith mire, SN6768 5020, R.D. Pryce & K.A. Pryce, 19th Apr 2014, small population spread over steep eastern side of shallow ravine on east side of waterfall.
- +010/2.1. gam. **Trichomanes speciosum (gametophyte)** (Rhedynen Cilarne). NW end of Allt-y-Ciliau (Little Pale Wood), Llanddowror, SN2423 1513, BSBI field meeting, det.A.O. Chater, A. Copping, G.M. Kay, M. Sutton, R.D. Pryce, 24th Jul 2014, small patch (c.20cm x 20cm) in dry rock crevice about 0.5m deep about 2.5m above river level in bluff above south (right) bank of Afon Taf under shade of mature riparian trees. *Circaea x intermedia* growing around base of cliff.
- +033/1.1.×3. ‡ **Ulmus ×vegeta** (Huntingdon Elm) (Llwyfen Huntingdon). Penrose Cottage, c.1.5km E of Maesyrcugau, SN4852 4159, A.O. Chater, R.D. Pryce & K.A. Pryce, 2nd Sep 2014, large roadside tree by cottage. Also at Dolauduon farmyard SN 4880 4200 and along shady green lane by former railway line at SN 4923 4210. 1st records for Carms part of hectad; (+) Box Cemetery, Llanelli, SN519 011, I.K. Morgan, 15th Sep 2014, planted tree at edge of cemetery.
- +034/2.1. **Humulus lupulus** (Hop) (Hopys). Nr. Dolauduon, c.1.5km NE of Maesyrcugiau, SN4878 4185, A.O. Chater, R.D. Pryce & K.A. Pryce, 2nd Sep 2014, in hedge on southern side of road. 1st record for Carms part of hectad.
- 036/1.1.b. ‡ **Urtica dioica subsp. galeopsifolia**. Blaengwastad, NE of Ferryside, SN3864 1305, P.R. Green, A. Copping, M. Smith, J. Fode, det. P.R. Green, A. Copping, M. Smith, 21st Jul 2014, in wooded lane. 2nd hectad record and 2nd VC record.
- +039/4.5. **Quercus petraea** (Sessile Oak) (Derwen Mes Di-goes). Penlan Quarry, Bethesda, SN085 187, R.D. Pryce & K.A. Pryce, 9th Apr 2014, frequent in riparian woodland of Eastern Cleddau River. Also at SN 086 187, SN 086 188 and SN 087 188. 1st records for Carms part of hectad.
- +039/4.5×6. **Quercus ×rosacea**. Penlan Quarry, Bethesda, SN0865 1879, R.D. Pryce & K.A. Pryce, 9th Apr 2014, in *Q.petraea* dominated riparian woodland of Eastern Cleddau River. 1st record for Carms part of hectad.
- +†043/1.08. **Chenopodium polyspermum** (Many-seeded Goosefoot) (Troed-yr-^ydd Amlhadog). Pant Llaethdy, 2km NE of Maesyrcugiau, SN4905 4225, A.O. Chater, R.D. Pryce & K.A. Pryce, 2nd Sep 2014, in crack in concrete farm yard.
- +†045/2.2. **Claytonia sibirica** (Pink Purslane) (Porpin Pinc). Cwmbach, SN253 258, R.N. Stringer & I.K. Morgan, 17th Aug 2014, naturalised outside gardens along paths, etc.
- +045/3.1.a. **Montia fontana subsp. fontana**. Cwrt Bryn-y-Beirdd, nr.Trapp, SN6668 1818, BSBI field meeting, det.M.O. Stead, 19th Jul 2014, on wet track through flushed rush pasture.

- *046/07.07.b. **Cerastium fontanum subsp. holosteoides**. Llyn-y-Fan Fach, SN7990 2170, BSBI field meeting, det. M. Smith & A. Copping, conf. A.O. Chater & G.M. Kay, 22nd Jul 2014, locally frequent in flush at western end of lake: 1st VC record for subsp.
- +046/10.3. **Sagina subulata** (Heath Pearlwort) (Corwlyddyn Mynawydaudd). West side of Cwm Nant Garw, Mynydd Du, SN7204 1616, M.O. Stead, B.J. Wright & D.J. Wright, 25th Jul 2014, grazed acid grassland on bank east of road, also at SN 7204 1620 and at SN 7197 1637.
- +046/10.7. **Sagina apetala** (Annual Pearlwort) (Corwlyddyn Unflwydd). c.450m north of filter beds N of Llyn-y-Fan Fach, SN8023 2349, BSBI field meeting, 22nd Jul 2014, occasional on trackside. 1st record for Carms part of hectad.
- 046/20.10. **Silene dioica** (Red Champion) (Blodyn Neidr) (white flowered plant). Nr. Glyncoch, c.1km E of Maesyrcugiau, SN4861 4170, A.O. Chater, R.D. Pryce & K.A. Pryce, 2nd Sep 2014, foot of trimmed laneside hedgerow.
- +‡047/1.02. **Persicaria campanulata** (Lesser Knotweed) (Y Ganwraidd Fach). Cwmbach, SN253 258, R.N. Stringer & I.K. Morgan, 17th Aug 2014, naturalized outside gardens along path.
- +047/1.16. **Persicaria minor** (Small Water-pepper) (Y Dinboeth Fach). Llyn-y-Fan Fach, SN7990 2170, A. Copping & M. Smith, conf. Julian Woodman 25/10/14, 22nd Jul 2014, wet gravelly flush at SW corner of lake, **Herb. NMW**
- +©047/1.cap. **Persicaria capitata** (Pink-headed Persicaria). Aberglasney Gardens, SN5809 2214, R.D. Pryce & K.A. Pryce, 31st Mar 2014, one plant in angle between cobbles and outside back wall of cafe.
- +047/8.13×19. **Rumex ×pratensis** (Meadow Dock). Bach y Gwyddl, Penboyr, SN3510 3660, West Wales Biological Information Centre Recording Meeting, det. R.D. Pryce, 1st Jul 2014, SW corner of Cae Mari Fach.
- +051/1.03. **Hypericum androsaemum** (Tutsan) (Dail y Beiblau). Nr. Parcyrhos, c. 1km SW of Cwmann., SN5773 4625, R.D. Pryce & K.A. Pryce, 30th Aug 2014, by stream near shady woody strip.
- +051/1.04. **Hypericum hircinum** (Stinking Tutsan) (Dail-y-Beiblau Drewllyd). E of Tyrhos, c.1km NE of Bwlchnewydd, SN379 251, R.D. Pryce & K.A. Pryce, det. R.D. Pryce, 22nd Mar 2014, one plant at site of long-gone cottage.
- +051/1.06×07. **Hypericum ×desetangsii** (Des Etangs' St John's-wort) (Eurinllys Des Etangs). 200m NE of Pant-y-rhyg, Brechfa Forest, SN5178 3396, P.R. Green, M. Smith, B.J. Wright & D.J. Wright, 20th Jul 2014, small stand on road-verge.
- +051/1.10. **Hypericum humifusum** (Trailing St John's-wort) (Eurinllys Ymdaenol). Nant Fawr ravine, below Llethr Brith mire, SN6770 5018, R.D. Pryce & K.A. Pryce, 19th Apr 2014, few small plants on east facing crag with abandoned open mine-adit entrance. 1st record for Carms part of hectad.
- +051/1.12. **Hypericum pulchrum** (Slender St John's-wort) (Eurinllys Meinsyth). Nant Fawr ravine, below Llethr Brith mire, SN6773 5012, R.D. Pryce & K.A. Pryce, 19th Apr 2014, by flush on SW side of ravine; also by large boulder at top of waterfall at SN 67671 50213. 1st records for Carms part of hectad.

- +053/1.1. **Malva moschata** (Musk-mallow) (Hocysen Fwsg). Dinas Farm for canine holidays, nr.Talog, SN3214 2534, R.D. Pryce & K.A. Pryce, 12th Apr 2014, one plant on north side of track at woodland edge.
- +055/1.1. **Drosera rotundifolia** (Round-leaved Sundew) (Gwlithlys). West of Nant Fawr ravine, below Llethr Brith mire, SN6767 5015, R.D. Pryce & K.A. Pryce, 19th Apr 2014, two tiny plants in landslip scar exposing sparsely vegetated shale bedrock with small seepages. Also recorded from SN 673 505 by I.K. Morgan & R.N. Stringer on 19/6/2014. 1st records for Carms part of hectad.
- +061/1.3.a. **Populus nigra subsp. betulifolia** (a subspecies of Black-poplar). Ffairfach, nr Tregyb School, SN634 216, I.K. Morgan, 8th Aug 2014, young streamside tree c.20ft high; may be planting by N.R.Matthew of sapling given to him by IKM.
- +061/2.09×10. **Salix ×sericans** (Broad-leaved Osier). Llanddowror, SN2545 1446, BSBI field meeting, det. A.O. Chater, A. Copping, G.M. Kay, M. Sutton, R.D. Pryce., 24th Jul 2014, on shady, wooded bank of river in vicinity of road bridge. Also at SN 2545 1453.
- +062/12.4. **Rorippa palustris** (Marsh Yellow-cress) (Berwr Melyn y Gors). Nr. Afon Taf at NE end of Allt y Ciliau, nr. Llanddowror, SN2410 1513, BSBI field meeting, det. A.O. Chater, A. Copping, G.M. Kay, M. Sutton, R.D. Pryce., 24th Jul 2014, drainage ditch across flood-plain meadow.
- +066/1.3.b. **Pyrola rotundifolia subsp. maritima**. Machynys, development site E of Lidl store, SS5130 9854, R.D. Pryce & K.A. Pryce, 5th Jul 2014, one plant in flower on c.15 year old limestone cobble surfaced development plateau as yet not built on. A second non-flowering plant noted at SS 5132 9855.
- +069/6.1. **Anagallis tenella** (Bog Pimpernel) (Gwlyddyn-Mair y Gors). West of Nant Fawr ravine below Llethr Brith mire, SN6767 5015, R.D. Pryce & K.A. Pryce, 19th Apr 2014, landslip scar exposing sparsely vegetated shale bedrock with small seepages at northern edge. New record for Carms part of hectad.
- +072/2.1.‡ **Ribes rubrum** (Red Currant) (Llwyn Cwrens Coch). Pont Wen, Cynghordy, SN8091 4018, R.D. Pryce & K.A. Pryce, 27th Apr 2014, wooded river banks on east side of road bridge. 1st record for Carms part of hectad.
- +‡073/5.4. **Sedum spectabile** (Butterfly Stonecrop) (Briweg Iâr Fach yr Haf). Near Prisg, c.1.5km E of Maesyrcugiau, SN4838 4145, A.O. Chater, R.D. Pryce & K.A. Pryce, 2nd Sep 2014, on grassy bank of laneside lay-by. Also on nearby vegetated soil bunds in abandoned development site at SN 4838 4143 and SN 4848 4141. 1st records for Carms part of hectad.
- +‡073/5.7. **Sedum spurium** (Caucasian-stonecrop) (Briweg y Cawcasws). Holyville, c.2km E of Maesyrcugiau, SN4908 4206, A.O. Chater, R.D. Pryce & K.A. Pryce, 2nd Sep 2014.
- *‡073/5.9 **Sedum nicaeense** (Pale Stonecrop) (Briweg Welw). Pembrey Harbour, SN4380 0012, BSBI field meeting, det.G.M. Kay, 23rd Jul 2014, about four plants of *Sedum nicaeense* in flower on NW side of vegetated concrete and stone faced breakwater in shade of Hippophae.

- +‡074/05. are. **Saxifraga ×arendsii** (Garden Mossy-saxifrage). Waunhathren Hall, c.2.5km SE of Cwmann, SN6112 4573, R.D. Pryce & K.A. Pryce, 29th Mar 2014, escaped and naturalized from garden.
- +‡074/07.1. **Tolmiea menziesii** (Pick-a-back-plant) (Crydlys). Bryn-arau-gleision, SN6388 4362, R.D. Pryce, K.A. Pryce & B. Berkshire, 9th Jul 2014, naturalised in farm yard.
- +‡075/03.1×3. **Spiraea ×pseudosalicifolia** (Confused Bridewort) (Ffug Erwain-dail-helyg). Nr. Glyncoch, c.1km E of Maesycrugiau, SN4855 4162, A.O. Chater, R.D. Pryce & K.A. Pryce, det. A.O. Chater, 2nd Sep 2014, well naturalised in roadside hedgerow opposite house (south side of road).
- +‡075/08.0.02. **Rubus tricolor** (Chinese Bramble) (Llwyn Mwyar Trilliw). Cwmbach, SN253 260, R.N. Stringer & I.K. Morgan, 17th Aug 2014, laneside, escaping from garden.
- +‡075/08.05.134.Him. **Rubus armeniacus cv.'Himalayan Giant'**. Llanddowror, SN2553 1451, BSBI field meeting, det. A.O. Chater, A. Copping, G.M. Kay, M. Sutton, R.D. Pryce., 24th Jul 2014, colonising hedge by small amenity area on north side of road.
- *075/09.05. **Potentilla argentea** (Hoary Cinquefoil) (Pumnaalen Ariannaid). Llanddowror, SN2556 1443, BSBI field meeting, det.G.M. Kay, 24th Jul 2014, one plant self-sown from nearby garden into adjacent yard.
- +‡075/11.3. **Fragaria ananassa** (Garden Strawberry) (Llwyn Mefus y Gerddi). Near Prisg, c.1.5km E of Maesycrugiau, SN4838 4145, A.O. Chater, R.D. Pryce & K.A. Pryce, 2nd Sep 2014, roadside bank near lay-by. 1st record for Carms part of hectad; (+) Rhiwlas, c.1.5km SE of Cwmann, SN5982 4557, R.D. Pryce & K.A. Pryce, 29th Mar 2014, laneside bank. 1st record for Carms part of hectad.
- +075/19.14. **Alchemilla glabra** (Mantell-Fair Lefn). East of Horeb, SN5197 2847, R.D. Pryce & K.A. Pryce, 6th Jul 2014, one large plant showing regrowth after trashing by verge-cutters - no flowers.
- +075/21.15×12. **Rosa tomentosa × canina**. Penrhiwgoch-isaf, c.2.5km NE of Whitland, SN2228 1920, BSBI field meeting (M.O. Stead, M. Smith, B.J. Wright & D.J. Wright), det.G.M. Kay, 24th Jul 2014, in hedge on west side of road.
- +‡075/22.05.b. **Prunus domestica subsp. insititia** (a subspecies of Wild Plum) (Coeden Eirin Bwlas). Llanfihangel-ar-Arth, SN4555 3992, R.D. Pryce & K.A. Pryce, 24th Apr 2014, in churchyard. (+‡) E of Ty Newydd, c.1.5km E of Maesycrugiau, SN4871 4178, A.O. Chater, R.D. Pryce & K.A. Pryce, 2nd Sep 2014, large prolifically fruiting tree on south side of road. Trees also recorded at SN 4873 4177, SN 4903 4234 and SN 4908 4206.
- +075/27.1. **Malus sylvestris** (Crab Apple) (Coeden Afalau Surion). Bryn-arau-gleision, nr. Pumpsaint, SN6373 4333, R.D. Pryce & K.A. Pryce, 9th Jul 2014, by gap in hedgeline of mature trees on eroded bank. Also in hedge at SN 6375 4356; (+) Lluest, Upper Brynamman, SN7022 1444, R.D. Pryce & K.A. Pryce, 13th Sep 2014, one tree in riparian woodland along Nant Gwyneu. Also in scrub at SN 7024 1473.

- *‡075/28.23. **Sorbus latifolia** (Broad-leaved Whitebeam) (Cerddinen Lydanddail). Ysgol Ffwrnes, Denham Avenue, Llanelli, SN4981 0121, R.D. Pryce, det. T.C.G. Rich, 13th Jun 2014, one mature tree in willow and oak dominated secondary woodland on construction site of new school.
- *077/18.2.b. **Medicago sativa subsp. varia** (Sand Lucerne) (Maglys y Tywod). Ffos Las Racecourse, Trimsaran, SN4519 0551, BSBI field meeting, 23rd Jul 2014, discovered by Kath Pryce growing on verge on east side of perimeter track.
- +077/19.13. **Trifolium micranthum** (Slender Trefoil) (Meillionen Hopysaidd Eiddil). Cwm Nant Garw, Mynydd Du, SN7204 1616, M.O. Stead, B.J. Wright & D.J. Wright, det. M.O. Stead, 25th Jul 2014, grazed acid grassland on bank on east of road on west side of valley.
- +‡077/22.1. **Laburnum anagyroides** (Laburnum) (Tresi Aur). By Penrose Cottage, c.1km E of Maesycrugiau, SN4852 4159, A.O. Chater, R.D. Pryce & K.A. Pryce, det. A.O. Chater, 2nd Sep 2014, roadside hedge. 1st record for Carms part of hectad.
- +‡077/22.1×2. **Laburnum ×watereri**. Crug Melyn Common, SN5015 2824, R.D. Pryce & K.A. Pryce, 6th Jul 2014, south-eastern extremity of area of frequent Laburnum hedges in the county. Also recorded at SN 5003 2838, SN 5030 2856 and SN 5033 2851.
- +‡080/1.1. **Gunnera tinctoria** (Giant-rhubarb) (Rheonllys Mawr). Dinas Farm for canine holidays, nr. Talog, SN3223 2515, R.D. Pryce & K.A. Pryce, 13th Apr 2014, Gunnera bed planted on SW side of ford.
- +‡084/4.4. **Oenothera cambrica** (Small-flowered Evening-primrose) (Melyn-yr-hwyr Mân-flodeuog). Holyville, c.2km E of Maesycrugiau, SN4908 4206, A.O. Chater, R.D. Pryce & K.A. Pryce, 2nd Sep 2014, roadside verge.
- +084/6.1×2. **Circaea ×intermedia** (Upland Enchanter's-nightshade) (Llyisiau-Steffan yr Ucheldir). Allt-y-Ciliau (Little Pale Wood), Llanddowror, SN2456 1486, BSBI field meeting, det. A.O. Chater, A. Copping, G.M. Kay, M. Sutton, R.D. Pryce., 24th Jul 2014, locally frequent on south side of track. A new hectad record and c.33km west of the previous westernmost record in Carms and c.25km west of any other record in Wales (in the Arth valley SN46, Cards). Also at SN 2423 1513.
- +‡088/1.for. **Euonymus fortunei**. Glynhir Mansion, SN6394 1511, A.O. Chater, G.M. Kay & R.D. Pryce, det. G.M. Kay, 21st Jul 2014, self sown in gravel.
- 091/2.07. **Euphorbia stricta** (Upright Spurge) (Llaethlys Syth). National Botanic Garden of Wales, SN5215 1841, S.J. Thomas, 23rd Jul 2014, 50+ plants on gravel paths behind propagation polytunnel. Third VC Record (2nd for SN51).
- +‡093/2.1. © **Parthenocissus quinquefolia** (Virginia-creeper) (Dringwr Fflamgoch). Llanelli, former copperworks site, SS5080 9911, R.D. Pryce, 15th Sep 2014, very well established spreading over surface of limestone gravel from eastern boundary scrub. Also abundant by northern gate of site at SS 5063 9931.
- *093/2.2. **Parthenocissus inserta** (False Virginia-creeper) (Dringwr Fflamgoch Ffug). Shoreline Dunes, Pembrey, SN4403 0024, BSBI field meeting, det. G.M. Kay, 23rd Jul 2014, one plant established in dry, rank, disturbed dune grassland on south

- side of cycle track, thrown-out or planted? Same species in nearby 'garden' on caravan site.
- +‡102/1.03. **Oxalis corniculata** (Procumbent Yellow-sorrel) (Suran Orweddol). Glannant, c.1 km E of Maesyrcrugiau, SN4847 4151, A.O. Chater, R.D. Pryce & K.A. Pryce, 2nd Sep 2014, by inhabited house. 1st record for Carms part of hectad.
- +‡103/1.01×02. **Geranium ×oxonianum** (Druce's Crane's-bill) (Pig-yr-aran Druce). Nr Bryngolau, Banc Blodeuyn, Brechfa Forest, SN4878 3510, BSBI field meeting, det. M.Stead, R.D. Pryce & K.A. Pryce, 20th Jul 2014, laneside; (+) Nr. Keeper's Lodge and Llain, Brechfa Forest, SN525 320, A.O. Chater, R.A.Jones & R.N. Stringer, 20th Jul 2014, roadside hedgebank & verge, also in roadside hedge at Gwernogle, SN 530 339.
- 103/1.19. **Geranium robertianum** (white flowered) (Herb-Robert) (Y Goesgoch). Maesyderi Grenig Rd, Glanamman TN1403, SN6713 1293, British Pterological Society field meeting, det. R.D. Pryce & K.A. Pryce, 28th Jun 2014, several plants in boundary hedgerow.
- +‡107/44.1. **Daucus carota** (Carrot) (Moronen). Cwmpencraig, Soar Chapel, SN3486 3663, R.D. Pryce & K.A. Pryce, 1st Jul 2014, roadside by stream opposite chapel.
- +108/3.2. **Centaureum erythraea** (Common Centaury) (Y Ganrhi Goch). c.1.5km east of Maesyrcrugiau, SN4841 4144, A.O. Chater, R.D. Pryce & K.A. Pryce, 2nd Sep 2014, abandoned development site stripped of soil, revegetating. Rare in the county away from the coast and limestone. 1st record for Carms part of hectad.
- +‡110/6.per.© **Physalis peruviana** (Cape-gooseberry) (Gwsberen Periw). East of Burry Port., SN4578 0072, I.K. Morgan, 18th Nov 2014, site of pipeline works through somewhat wet sandy ground, east of the road embankment and south of the railway, reinstated in the summer and left to revegetate, **Herb. NMW**
- +‡110/7.1.© **Solanum lycopersicum** (Tomato) (Tomato). Allt-y-Ciliau (Little Pale Wood), Llanddowror, SN2401 1514, BSBI field meeting, det. A.O. Chater, A. Copping, G.M. Kay, M. Sutton, R.D. Pryce., 24th Jul 2014, on shingle shoal of Afon Taf in vicinity of ford.
- ⊗‡112/1.1.© **Cuscuta campestris** (Yellow Dodder) (Llindag Melyn). Burry Port, 14 Park Terrace, SN4449 0118, H. Henderson & R. Henderson, det. R.D. Pryce 3/9/2014, conf. T.C.G. Rich, 29th Aug 2014, three plants scrambling over pots of Basil in small garden at side of house, spreading to Sweet Cicely, Parsley etc. Thought to have come in with coir compost. Reported by H. Henderson & R. Henderson on 29/8/14. **Herb. NMW**
- +116/15.02. **Myosotis secunda** (Creeping Forget-me-not) (Sgorpionllys Ymlusgol). Craig Twrch, SN673 505, R.N. Stringer & I.K. Morgan, 19th Jun 2014, 1st record for Carms part of hectad.
- +116/15.10. **Myosotis discolor** (Changing Forget-me-not) (Sgorpionllys y Amryliw). Blaennant-y-Cadno, Garnswllt, SN6459 0959, S. Lynch, 19th Jun 2014, in improved field.
- +‡117/1.1. **Verbena officinalis** (Vervain) (Y Ferfain). Llwynglas, Llanfihangel-ar-Arth, SN4572 3993, R.D. Pryce & K.A. Pryce, 24th Apr 2014, below stone retaining wall on N side of house.

- +‡118/01.2. **Stachys byzantina** (Lamb's-ear) (Clust yr Oen). National Botanic Garden of Wales, SN5209 1842, R.D. Pryce & K.A. Pryce, 19th Aug 2014, one young self-sown plant on gravel NE of propagation polytunnel.
- +118/06.5. **Galeopsis bifida** (Bifid Hemp-nettle) (Y Benboeth Holtt). Furnace, Llanelli, SN5033 0157, Llanelli Naturalists field meeting, det. R.D. Pryce, 7th Sep 2014, bank by track leading to Penrhiw and Penyfai Fawr Farm. 1st record for Carms part of hectad.
- +118/22.1. **Lycopus europaeus** (Gypsywort) (Llysiau'r Sipsiwn). Alltwalis, SN442 310, S.D.S. Bosanquet & R. Harding, det. S.D.S. Bosanquet, 1st Oct 2014, damp acid grassland.
- +118/23.1×2. **Mentha ×verticillata** (Whorled Mint) (Mintys Troellenog). Afon Taf at NE end of Allt y Ciliau, nr. Llanddowror, SN2406 1518, BSBI field meeting, det. A.O. Chater, & G.M. Kay, 24th Jul 2014, locally frequent on island and bank of river.
- +118/23.2×3.‡ **Mentha ×piperita** (Peppermint) (Mintys Poeth). Prisg, c.1.5km E of Maesyrcrugiau, SN4830 4155, A.O. Chater, R.D. Pryce & K.A. Pryce, det. A.O. Chater, 2nd Sep 2014, bank of Afon Teifi.
- +†118/23.3. **Mentha spicata** (Spear Mint) (Mintys Ysbigog). MOD Pendine, East 3 Range, SN2920 0748, R.D. Pryce & K.A. Pryce, 26th Oct 2014, rank grass and tall-herb vegetation at edge of the Phragmites-dominated reedbed. Also at SN 2917 0751.
- +118/23.4. **Mentha suaveolens** (Round-leaved Mint) (Mintys Deilgrwn). Furnace, Llanelli, SN5031 0119, Llanelli Naturalists field meeting, 7th Sep 2014, throw-out from adjacent garden on to verge of cycle track along line of former Llanelli and Mynydd Mawr Railway.
- +120/1.6. **Callitriche brutia**. Pantllaethdy, 2km NE of Maesyrcrugiau, SN4918 4224, A.O. Chater, R.D. Pryce & K.A. Pryce, det. A.O. Chater, 2nd Sep 2014, locally frequent in rush choked, currently dry pond with some willow colonisation. 1st record for Carms part of hectad; (+) Llyn-y-Fan-Fach, SN7993 2183, BSBI field meeting, det. A.O. Chater & G.M. Kay, 22nd Jul 2014, rocky shore below flush at NW corner of lake. Also on western shore at SN 7991 2170.
- +120/1.ham.agg. **Callitriche hamulata**. Pantllaethdy, 2km NE of Maesyrcrugiau, SN4893 4235, A.O. Chater, R.D. Pryce & K.A. Pryce, 2nd Sep 2014, in channel of River Teifi near left bank. Also at SN 4891 4232 and SN 4863 4211. 1st record for Carms part of hectad.
- +121/2.1. **Littorella uniflora** (Shoreweed) (Beistonnell Ferllyn). Llyn-y-Fan Fach, SN7994 2164, BSBI field meeting, 22nd Jul 2014, gravel shore line of western part of lake - surprisingly not recorded in this hectad at this site previously.
- +‡124/04.2×3. **Mimulus ×robertsii** (Hybrid Monkeyflower) (Blodyn-mwnici Croesryw). National Botanic Garden of Wales, SN5200 1830, R.D. Pryce & K.A. Pryce, det. R.D. Pryce, 19th Aug 2014, one large self-sown plant by trackway by mulch/compost clamps and another small plant at SN 5204 1835.
- +124/16.09. **Veronica scutellata** (Marsh Speedwell) (Rhwyddlwyn Culddail y Gors). Dolaudon, c.1.5km NE of Maesyrcrugiau, SN4843 4170, A.O. Chater, R.D. Pryce

- & K.A. Pryce, 2nd Sep 2014, densely vegetated, fenced drainage ditch through field. 1st record for Carms part of hectad.
- +124/16.16. **Veronica arvensis** (Wall Speedwell) (Rhwyddlwyn y Fagwyr). Pont Wen, Cynghordy, SN8089 4018, R.D. Pryce & K.A. Pryce, 27th Apr 2014, along road kerbs on bridge deck. 1st record for Carms part of hectad.
- +†124/16.19. **Veronica agrestis** (Green Field-speedwell) (Rhwyddlwyn-y-maes Gwyrdd). Pant Llaethdy, 2km NE of Maesycrugiau, SN4905 4225, A.O. Chater, R.D. Pryce & K.A. Pryce, 2nd Sep 2014, few plants in farmyard. 1st record for Carms part of hectad.
- +†124/16.24.b. **Veronica hederifolia subsp. lucorum**. Cilymaenllwyd Church, Llandre, nr.Cwm Miles (now private house), SN1533 2342, R.D. Pryce & K.A. Pryce, 9th Apr 2014, abundant in parts of classic circular 'llan' graveyard; (+) Llanfihangel-ar-Arth, SN4560 3990, R.D. Pryce & K.A. Pryce, 24th Apr 2014, frequent in various parts of churchyard.
- 124/20.02. **Euphrasia rivularis** (Effros y Nant). NE of Gwar Glwydeth, Mynydd Llanllwni, SN4924 3741, R.D. Pryce, K.A. Pryce, det. A.J.Silverside, 10th April 2015, 16th Aug 2014, first record away from Snowdonia and Mynydd Du and Carmarthenshire-Brecknock Fans - a stepping stone between the two, c.35km from the latter, **Herb. NMW**
- +124/20.03×05.b. **Euphrasia anglica**. Brest Cwm Llwyd, Mynydd Du, SN7049 1932, BSBI field meeting, det. A.O. Chater, G.M. Kay, 25th Jul 2014, acid grassland over limestone. Also seen at SN 7046 1935, SN 7043 1936 and SN 7040 1937.
- *124/20.09×18. **Euphrasia confusa** × **scottica**. E of Penrhiw-ddu, Mynydd Du, SN7322 1878, R.D. Pryce, K.A. Pryce, det. A.J.Silverside, 10th April 2015, 11th Aug 2012, in acid, sheep-grazed grassland, first VC Record of this hybrid. Also growing in nearby disused acid quarry workings at SN 7306 1881, **Herb. NMW**
- +124/25.2.b. **Pedicularis sylvatica subsp. hibernica**. North of Llyn-y-Fan Fach, SN8036 2277, R.D. Pryce & K.A. Pryce, 14th Jun 2014, by on-line attenuation pond between filterbeds and dam.
- +‡129/7.2.© **Lobelia erinus** (Garden Lobelia) (Bidoglys yr Ardd). Llanddowror, SN2555 1428, BSBI field meeting, det. A.O. Chater, A. Copping, G.M. Kay, M. Sutton, R.D. Pryce., 24th Jul 2014, self-sown in pavement in the vicinity of derelict café.
- *©129/7.sip. **Lobelia siphilitica** (Great Lobelia). National Botanic Garden of Wales, SN5207 1839, R.D. Pryce & K.A. Pryce, 19th Aug 2014, four self sown plants, three on east side and fourth on west side of path through low scrub and brambles giving access between greenhouses and polytunnels. This species is planted in the Apothacary's Garden at SN 5205 1827, some 20m – 25m away.
- +131/2.1. **Viburnum opulus** (Guelder-rose) (Gwifwrnwydden y Gors). Between Hollyville and Pant Llaethdy, c.2km NE of Maesycrugiau, SN4917 4210, A.O. Chater, R.D. Pryce & K.A. Pryce, 2nd Sep 2014, 1st record for Carms part of hectad.
- +‡131/5.1. **Leycesteria formosa** (Himalayan Honeysuckle) (Bachgen Llwm). Capel Gwynfe, SN722 219, R.N. Stringer & I.K. Morgan, 11th Sep 2014.

- +‡131/6.1. **Lonicera pileata** (Box-leaved Honeysuckle) (Gwyddfif Llorweddol). St Clears, SN2781 1635, M. Godfrey, J. Fode & K.A. Pryce, det. M. Godfrey, J. Fode, K.A. Pryce, 24th Jul 2014, escaped from garden on S side of road.
- +134/4.1. **Succisa pratensis** (Devil's-bit Scabious) (Tamaid y Cythraul). Nant Fawr ravine, below Llethr Brith mire, SN6769 5019, R.D. Pryce & K.A. Pryce, 19th Apr 2014, c.50 rosettes of various sizes on E bank of stream. 1st record for Carmarthen part of hectad.
- *135/06.2×9. **Cirsium ×subspinuligerum**. Cwm Nant Garw, Mynydd Du, SN7202 1614, M.O. Stead, B.J. Wright & D.J. Wright, det. M.O. Stead, conf. G.M. Kay & A.O. Chater, 25th Jul 2014, between double banks at back (west side) of roadside quarry car-park. **Herb. NMW**
- +‡135/12.1. **Cichorium intybus** (Chicory) (Ysgello). 0.5km W of Llanddowror, SN2502 1463, BSBI field meeting, det. A.O. Chater, A. Copping, G.M. Kay, M. Sutton, R.D. Pryce., 24th Jul 2014, rank, weedy, grassy mitigation area of Llanddowror by-pass opened a few weeks previously. A.O. Chater, A. Copping, G.M. Kay, M. Sutton, R.D. Pryce.
- +135/23.2. **Cicerbita macrophylla** (Common Blue-sow-thistle) (Llaethysgallen Las). E of Banc Blodeuyn, SN4976 3543, BSBI field meeting, det. M. Stead, R.D. Pryce & K.A. Pryce, 20th Jul 2014, SE of forestry entrance. Also recorded on roadside bank at SN 4842 3563 by RDP & KAP on 16/8/2014.
- +135/24.1. **Mycelis muralis** (Wall Lettuce) (Gwylaeth y Fagwyr). Llanfihangel-ar-Arth, SN4569 4017, R.D. Pryce & K.A. Pryce, 24th Apr 2014, stone parapetted causeway carrying road over flood plain on southern approach to bridge over the R. Teifi. 1st record for Carmarthen part of hectad.
- +135/25.01.11. **Taraxacum fulviforme** (Green-bracted Dandelion). Palycwrt, Mynydd Du, SN6805 1836, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 14th Jul 2012, in sheep-grazed calcareous grassland. 1st post 2000 VCR, 2nd VCR, **Herb. NMW**; (+) Craig Derlwyn Quarry, Mynydd Du, SN7203 1620, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 5th May 2014, on acid grassy slope in shale quarry. Also at SN 71942 16014, **Herb. NMW**
- +135/25.01.16. **Taraxacum oxoniense** (Oxford Dandelion). Pembrey Country Park, SS3997 9991, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 28th May 2012, coastal dunes, c.60% bare, shifting sand. Also in grey dunes at SS 3999 9999, **Herb. NMW**
- +135/25.01.4. **Taraxacum brachyglossum** (Purple-bracted Dandelion). Track up to Llyn y Fan Fach, SN8023 2349, BSBI field meeting, det. A.J. Richards, Nov. 2014, 22nd Jul 2014, 1st post 2000 VC record, **Herb. NMW**
- *135/25.01.haw. **Taraxacum haworthianum** (Haworth's Dandelion). Craig Derlwyn Quarry, Mynydd Du, SN7194 1611, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 5th May 2014, grazed poached acid grassland next to block-stone barrier. Also at SN 7193 1601, **Herb. NMW**
- *135/25.05.41. **Taraxacum naevosiforme** (Wetland Dandelion). Whitehill Down, SN2882 1359, R. Harding, A. Heath & R.D. Pryce, det. A.J. Richards, Nov. 2014, 14th May 2012, in dry neutral grassland, **Herb. NMW**

- +135/25.07.55. **Taraxacum bracteatum** (Dark-green Dandelion). Nant-y-ci Business Centre, Carmarthen, SN3803 1900, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 3rd May 2014, vacant ground at south-eastern corner of car-park. Also at SN 38019 19037, **Herb. NMW**
- +135/25.07.56. **Taraxacum britannicum** (British Dandelion). Raby's Furnace, Llanelli, SN5037 0151, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 5th May 2012, rank grassland, **Herb. NMW**; (+) Ysgol Nantygroes (disused), Milo, SN5971 1751, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 19th Apr 2012, growing in angle between base of stone boundary wall and tarmac yard, **Herb. NMW**; (+) St John's Church, Maesteilo, SN5961 2620, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 18th May 2013, in NVC M24 fen-meadow community, unimproved grassland in churchyard, **Herb. NMW**
- +135/25.07.58 **Taraxacum cambricum** (Welsh Dandelion). Nr. Loughor Bridge, SS5596 9810, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 15th May 2014, S side of footpath, **Herb. NMW**; (+) SE of Bronhaul, nr. Cwmisfael, SN4626 1690, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 21st Apr 2014, growing through ditch arisings on southern verge of road, **Herb. NMW**; (+) Waunddwn, Betws, SN6421 1196, R.D. Pryce, det. A.J. Richards, Nov. 2014, 16th Apr 2012, disturbed area in acid grassland field, **Herb. NMW**
- +135/25.07.59 **Taraxacum celticum** (Celtic Dandelion). East of Nant Fawr ravine below Llethr Brith mire, SN6765 5018, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 19th Apr 2014, small south facing hollow in acid grassland-clad slope. Also on roadside bank south of bridge over Nant Fawr at SN 6774 5006, **Herb. NMW**
- +135/25.07.64. **Taraxacum gelertii** (Gelert's Dandelion). Ystradowen, SN7551 1241, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 31st Mar 2012, in shade on vegetated boulders covered by Afon Twrch when river in spate, **Herb. NMW**
- +135/25.07.72. **Taraxacum nordstedtii** (Nordstedt's Dandelion). Wenallt, Maenciau, SN4717 1070, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 11th May 2013, in rather poached rhos grassland, **Herb. NMW**; (+) Mynydd Sylen, SN5150 0803, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 11th May 2014, in secondary heathland established on former hard-standing dominated by bryophytes and *Festuca rubra*, **Herb. NMW**; (+) South of bridge over Nant Fawr, SN6774 5005, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 19th Apr 2014, on roadside bank, **Herb. NMW**
- +135/25.07.73. **Taraxacum oellgaardii** (Ollgaard's Dandelion). Llanfihangel-ar-Arth TN1415, SN4568 4020, R.D. Pryce & K.A. Pryce, det. A.J. Richards, 25/4/2014, 24th Apr 2014, edge of small spinney on east side of road, **Herb. NMW**
- +135/25.08.84. **Taraxacum atactum** (Narrow-bracted Dandelion). Dinas Farm for canine holidays, nr. Talog, SN3205 2539, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 12th Apr 2014, east end of small side-valley under even-aged ash & sycamore woodland at its junction with trackway. **Herb. NMW**
- +135/25.08.85. **Taraxacum boekmanii** (Bokman's Dandelion). Penlan Quarry, Bethesda, SN0865 1877, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014,

- 9th Apr 2014, grassy bund around quarry extension, **Herb. NMW**; (+) Pont Wen, Cynghordy, SN8089 4019, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 27th Apr 2014, in relatively short grass on road verge on NE side of road, north of bridge, **Herb. NMW**
- *‡135/25.08.86 **Taraxacum fusciflorum** (Brown-striped Dandelion). Penlan Farm, Kidwelly, SN4093 0842, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 2nd Jun 2012, field headland, **Herb. NMW**
- +135/25.08.90. **Taraxacum hamiferum** (Dark Hook-lobed Dandelion). Hendy, SN5810 0409, R.D. Pryce, det. A.J. Richards, Nov. 2014, 4th May 2014, edge of semi-improved sheep-grazed pasture, **Herb. NMW**;
(+) Nant Fawr ravine below Llethr Brith mire, SN6775 5010, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 19th Apr 2014, acid roadside verge, **Herb. NMW**
- +‡135/25.08.92. **Taraxacum lamprophyllum** (Lustrous-leaved Dandelion). St Cledwyn's Church, Dolwilym, SN1745 2661, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 20th Apr 2013, roadside verge north of lych-gate, **Herb. NMW**; (+) Nr Raby's Furnace, Llanelli, SN5042 0164, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 5th May 2012, track verge in open ash woodland, **Herb. NMW**
- +‡135/25.08.93. **Taraxacum lancidens** (Spear-toothed Dandelion). SE of Whitland, by track to Little Pale, SN2242 1465, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 29th Apr 2014, on south-facing, fenced track bank with improved field on north side. 2nd VC Record, **Herb. NMW**
- +135/25.08.94. **Taraxacum marklundii** (Marklund's Dandelion). Craig Derlwyn Quarry, Mynydd Du, SN7190 1600, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 5th May 2014, on north-facing, shale quarry face: large, well grown plants, **Herb. NMW**
- *‡135/25.08.97. **Taraxacum pruinaum** (Pruinose Dandelion). Llansaint School (disused), SN3866 0846, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 10th Apr 2012, in semi-improved damp neutral grassland, **Herb. NMW**
- +135/25.08.98. **Taraxacum pseudohamatum** (False Hook-lobed Dandelion). Track to Dolwilym, Llanglydwen, SN1728 2637, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 20th Apr 2013, on north side of grassy verge, **Herb. NMW**;
(+) Bethania Chapel, Talog, SN3262 2520, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 12th Apr 2014, in mossy, unimproved, neutral-grassland of undisturbed part of graveyard. Also at Dinas Farm for canine holidays, SN 3211 2536, **Herb. NMW**
- +135/25.08.sah. **Taraxacum sahlinianum** (Sahlin's Dandelion). North Dock Spit, Llanelli, SS498 989, T.C.G. Rich, det. A.J. Richards, Nov. 2014, 25th Mar 2014, seaside, east side of breakwater.
- +‡135/25.09.106. **Taraxacum aequilobum** (Twisted-bracted Dandelion). Whitland, SN2032 1633, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 29th Apr 2014, footpath across main railway line (on south of railway). Also at SN 2033 1634, **Herb. NMW**; (+) Banc-y-Capel, SN4266 1487, R.D. Pryce & K.A. Pryce,

- det. A.J. Richards, Nov. 2014, 27th Apr 2013, roadside layby. 2nd VC Record, **Herb. NMW**; (+) Pont Wen, Cynghordy, SN8088 4020, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 27th Apr 2014, road verge in front (north) of disused iron gateway to Cynghordy Hall. **Herb. NMW**
- +135/25.09.108. **Taraxacum alatum** (Green Dandelion). By Raby's Furnace, Llanelli, SN5037 0151, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 5th May 2012, rank grassland, **Herb. NMW**
- +135/25.09.111. **Taraxacum ancistrolobum** (Few-lobed Dandelion). Llansaint School (disused), SN3869 0846, R.D. Pryce, det. A.J. Richards, Nov. 2014, 20th Apr 2012, hedge bottom, **Herb. NMW**
- +‡135/25.09.113. **Taraxacum angustisquameum** (Multilobed Dandelion). Ffordd isaf, Llanybri, SN3457 1240, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 23rd Mar 2012, lush, grassy, laneside bank, **Herb. NMW**
- +135/25.09.120. **Taraxacum cophocentrum** (Rounded-lobed Dandelion). Llansaint School (disused), SN3866 0846, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 10th Apr 2012, grassy bank, **Herb. NMW**;
(+) Cefn-bryn-brain School (disused), SN7428 1342, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 24th Apr 2012, in junction between floor of open-fronted shelter and adjacent tarmac yard, **Herb. NMW**;
(+) Pont Wen, Cynghordy, SN8089 4018, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 27th Apr 2014, growing on bridge-deck, **Herb. NMW**
- +135/25.09.123. **Taraxacum croceiflorum** (Orange-flowered Dandelion). E of Cefn Farm, Cynghordy, SN8152 3873, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 27th Apr 2014, wide, rank-grass lane-verge, **Herb. NMW**
- +‡135/25.09.127. **Taraxacum densilobum** (Close-lobed Dandelion). Penlan Quarry, Bethesda, SN0866 1874, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 9th Apr 2014, western extent of bund running along northern side of quarry extension area, **Herb. NMW**; (+) Whitland, SN2005 1617, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 29th Apr 2014, edge of footpath running outside southern side of St Mary's Churchyard, **Herb. NMW**; (*) Cefn-bryn-brain School (disused), SN7424 1342, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 24th Apr 2012, growing in angle at base of stone boundary wall, **Herb. NMW**
- +135/25.09.130. **Taraxacum dilatatum** (Grassland Dandelion). Llanfihangel-ar-Arth Churchyard, SN4560 3993, R.D. Pryce & K.A. Pryce, det. A.J. Richards, 25/4/2014, 24th Apr 2014, neutral grassland, **Herb. NMW**
- *‡135/25.09.132. **Taraxacum exacutum** (Imbricate-bracted Dandelion). Llanelli, by derelict Buckley's Brewery malt house, SN5080 0057, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 9th May 2014, edge of scrub on disturbed ground, **Herb. NMW**
- *‡135/25.09.134. **Taraxacum exsertiforme** (Erect-bracted Dandelion). Penlan Quarry, Bethesda, SN0870 1865, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 9th Apr 2014, southern extremity of bund running along east side of quarry extension area, **Herb. NMW**

- +‡135/25.09.140 **Taraxacum horridifrons** (Prickly-leaved Dandelion). Capel Isaac graveyard, SN5826 2691, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 18th May 2013, on path at base of chapel wall on its NE side. 2nd VCR, **Herb. NMW**
- +‡135/25.09.145. **Taraxacum intumescens** (Red-tipped Dandelion). Nr Beag Cottages, SN0991 2038, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 11th May 2012, road verge, **Herb. NMW**; (+) S of Llanfihangel-ar-Arth Bridge, SN4568 4020, R.D. Pryce & K.A. Pryce, det. A.J. Richards, 25/4/2014, 24th Apr 2014, on narrow roadside verge at edge of woodland strip, **Herb. NMW**
- +‡135/25.09.146. **Taraxacum lacerifolium** (Jagged-leaved Dandelion). Llandre, nr.Cwm Miles, SN1505 2362, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 9th Apr 2014, roadside verge, **Herb. NMW**
- +135/25.09.151. **Taraxacum latisectum** (Broad-lobed Dandelion). Penlan Quarry, Bethesda, SN0865 1877, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 9th Apr 2014, northern right-angle corner of bund around quarry extension area, **Herb. NMW**; (+) Wenallt, Meinciau, SN4706 1098, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 11th May 2013, farm yard. 2nd VCR, **Herb. NMW**
- *‡135/25.09.152. **Taraxacum latissimum** (Broad-leaved Dandelion). Rhos-fach railway bridge, SN1118 1943, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 11th May 2012, on verge south of bridge, **Herb. NMW**; (+) NE of Llechau Uchaf., SN6763 4983, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 19th Apr 2014, roadside bank. 2nd VCR, **Herb. NMW**
- *‡135/25.09.175. **Taraxacum ochrochlorum** (Winged Dandelion). Whitemill School (disused), SN4626 2151, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 17th Apr 2012, edge of school yard, **Herb. NMW**
- +‡135/25.09.177 **Taraxacum pachymerum** (Dirty-leaved Dandelion). Dafen Pond, Llanelli, SN5300 0143, R.D. Pryce, det. A.J. Richards, Nov. 2014, 30th Apr 2014, in shade of open woodland by Afon Dafen, **Herb. NMW**
- +‡135/25.09.178. **Taraxacum pallescens** (Pink-stalked Dandelion). Bethania Chapel, Talog, SN3261 2516, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 12th Apr 2014, verge of car park, **Herb. NMW**; (+) Blaenyvan Quarry, Meinciau, SN4560 1121, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 27th Apr 2013, grass verge on north side of entrance to quarry. 2nd VCR, **Herb. NMW**; (*) Cefn-bryn-brain School (disused), SN7426 1342, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 24th Apr 2012, growing in angle at base of stone boundary wall, **Herb. NMW**
- +‡135/25.09.179. **Taraxacum pallidipes** (Grey-bracted Dandelion). NW of Bronhaul, Cwmisfael, SN4607 1701, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 21st Apr 2014, on narrow roadside verge. 2nd VCR, **Herb. NMW**; (*) Ysgol Nantygroes Milo (disused), SN5971 1750, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 19th Apr 2012, limestone chippings area at edge of mown grass, **Herb. NMW**

- +‡135/25.09.194. **Taraxacum rhamphodes** (Robust Dandelion). Rhos-fach railway bridge, SN1118 1943, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 11th May 2012, on verge south of bridge. 1st post 2000 VCR, **Herb. NMW**
- +135/25.09.197. **Taraxacum sellandi** (Selland's Dandelion). E of Tyrhos, Nr Bwlchnwydd, SN3797 2510, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 22nd Mar 2014, in centre of short, little used trackway parallel to public road near site of long-gone cottage, **Herb. NMW**; (+) Dafen Pond, Llanelli, SN5291 0137, R.D. Pryce, det. A.J. Richards, Nov. 2014, 30th Apr 2014, edge of small scrub area in public parkland. **Herb. NMW**
- +135/25.09.199. **Taraxacum sinuatum** (Sinuate-lobed Dandelion). Rhos-fach railway bridge, SN1118 1945, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 11th May 2012, growing on stone parapet, **Herb. NMW**; (+) Whitemill School (disused), SN4627 2151, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 17th Apr 2012, edge of school yard. 1st post 2000 VCR, **Herb. NMW**
- +135/25.09.207. **Taraxacum sublaeticolor** (Small-headed Dandelion). Mynydd Sylen, SN5149 0799, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 11th May 2014, on southern verge of tarmac road into east end of radio-mast compound, **Herb. NMW**
- *‡135/25.09.208 **Taraxacum sublongisquameum** (Roadside Dandelion). Herbert's Quarry, Mynydd Du, SN7341 1880, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 5th May 2014, on ledge on limestone rock-face in disused quarry, **Herb. NMW**
- +135/25.09.210. **Taraxacum subundulatum** (Complex-leaved Dandelion). Penlan Quarry, Bethesda, SN0865 1877, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 9th Apr 2014, northern corner of bund around quarry extension area. 2nd VC Record, 1st post 2000, **Herb. NMW**
- +‡135/25.09.216. **Taraxacum undulatiflorum** (Dull-leaved Dandelion). National Botanic Garden of Wales Waun Las National Nature Reserve., SN5252 1855, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 2nd Apr 2012, by gravel path over former dam, **Herb. NMW**
- +135/25.09.217. **Taraxacum undulatum** (Wavy-leaved Dandelion). Penlan Quarry, Bethesda, SN0865 1877, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 9th Apr 2014, northern corner of bund around quarry extension area, **Herb. NMW**; (+) South side of Pont Dolwilym, SN1702 2591, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 20th Apr 2013, grassy field-edge on west side of track. 1st post 2000 VCR, **Herb. NMW**
- +135/25.09.220. **Taraxacum xanthostigma** (Ochre-styled Dandelion). Nr. Banc-y-Capel, SN4266 1487, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 27th Apr 2013, in rank, grassy hedgebottom of layby on NW side of road, **Herb. NMW**
- *‡135/25.09.coa. **Taraxacum coartatum** (Irregular-bracted Dandelion). North of Ty'r-Heol, Cwmisfael, SN4586 1728, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 21st Apr 2014, on wide road verge, SW side of road **Herb. NMW**

- +135/25.non. **Taraxacum 'non-severum'**. nr. Banc-y-Capel, SN4266 1487, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 27th Apr 2013, in rank, grassy hedgebottom on NW side of road. 2nd VCR, 1st post 2000 VCR of this ined. sp. **Herb. NMW**
- *135/25.qua. **Taraxacum quadrangulum**. Whitemill School (disused), SN4627 2155, R.D. Pryce & K.A. Pryce, det. A.J. Richards, Nov. 2014, 17th Apr 2012, new to the British Isles. AJR comments: "The lozenge or diamond shaped end-lobe on outer (older) leaves is diagnostic and distinctive. It is related to *T. croceoflorum* but lacks the red ligule ends and is more heterophyllous. It is described from Finland", **Herb. NMW**
- +135/30.1. **Filago vulgaris** (Common Cudweed) (Edafeddog Lwyd). National Botanic Garden of Wales, SN5197 1823, S.J. Thomas, 23rd Jul 2014, colony of 100+ plants on rough ground in front of the science block.
- +135/30.4. **Filago minima** (Small Cudweed) (Edafeddog Fach). Allt-y-Parc, SN6794 2951, S.D.S. Bosanquet, 28th Feb 2014, plenty of young plants on a heathy forestry turning-circle.
- *135/33.6. **Gnaphalium luteoalbum** (Jersey Cudweed) (Edafeddog Felynwen). National Botanic Garden of Wales, SN5213 1841, S.J. Thomas, 23rd Jul 2014, one self-sown plant in gravel between two of the propagation glasshouses.
- +‡135/40.3. **Solidago canadensis** (Canadian Goldenrod) (Eurwialen Canada). Nr. Pont Ynys-Brechfa, SN536 301, M. Godfrey & J. Fode, det. G.M. Kay, 20th Jul 2014, laneside hedge.
- *©135/56.cor. **Chrysanthemum coronarium** (Crown Daisy) (Melyn-yr-yd Coronog). Llanelli, former YWCA building, Queen Victoria Road, SS5044 0004, I.K. Morgan, 5th Oct 2014, self sown in cracks in concrete forecourt.
- +135/62.10×11. **Senecio ×ostenfeldii**. Llanddowror - Little Pale TN1424, SN2413 1513, BSBI field meeting, det. A.O. Chater, A. Copping, G.M. Kay, M. Sutton, R.D. Pryce., 24th Jul 2014, rare in improved, regressing flood-plain meadow. Also occasional on Carms bank of Afon Taf at SN 2406 1518.
- +‡135/CAR.tin.© **Carthamus tinctorius** (Safflower) (Safflwr). Pwll Recreation Ground, SN4738 0094, I.K. Morgan, Sep 2014, one plant in ground disturbed by pipeline construction.
- *142/1.01×06. **Potamogeton ×sparganiifolius** (Ribbon-leaved Pondweed) (Dyfrillys Rhubanog). 1km SW of Lampeter, SN571 472, A.O. Chater, det. C.D. Preston, 15/10/2014, 27th Sep 2014, abundant in Afon Teifi on both sides of the VC boundary. **Herb. NMW**
- +142/1.19. **Potamogeton crispus** (Curled Pondweed) (Dyfrillys Crych). Afon Taf at NE end of Allt y Ciliau, nr. Llanddowror, SN2443 1513, BSBI field meeting, det. A.O. Chater, A. Copping, G.M. Kay, M. Sutton, R.D. Pryce., 24th Jul 2014, in meander of Afon Taf.
- +‡148/2.4. **Lemna minuta** (Least Duckweed) (Llinad Bach). National Botanic Garden of Wales, SN5199 1813, R.D. Pryce & K.A. Pryce, 29th Jan 2014, in water lily tanks in double walled garden, growing with *Spirodela polyrhiza*, *Lemna minor*

- and *L. valdeviana*; (+) Pen-y-Cefn, Hermon, SN6710 2815, R.D. Pryce & K.A. Pryce, 15th Mar 2014, in pond recently cleared of scrub.
- +148/2.val. ***Lemna valdiviana***. National Botanic Garden of Wales, SN5199 1811, R.D. Pryce & K.A. Pryce, det. R.D. Pryce, conf. B. Stewart, 23rd Jan 2014, several clumps growing mainly below surface of water of southern of four curved, ornamental, vertical-sided water lily-tanks in double-walled garden. Growing with *Spirodela polyrhiza*, *Lemna minor* and *L. minuta*. Tank straddles tetrad boundary: also at SN5200 1811.
- +‡151/1.02. ***Juncus tenuis*** (Slender Rush) (Brwynen Fain). East of Horeb, SN5192 2827, R.D. Pryce & K.A. Pryce, 6th Jul 2014, forest entrance gateway. Also at SN 5197 2829 and SN 5203 2833; (+) 1km north of Llyn-y-Fan Fach, SN8032 2301, BSBI field meeting, 22nd Jul 2014, on narrow path by stone wall on east side of filter beds. 1st record for Carms part of hectad.
- +151/1.26×27. ***Juncus ×kern-reichgeltii***. Maudland picnic site, SN3303 3497, R.D. Pryce & K.A. Pryce, 1st Jul 2014, rank, damp grassland.
- +152/11.1.‡ ***Cyperus longus*** (Galingale) (Ysnoden Fair). National Botanic Garden of Wales, SN5210 1841, R.D. Pryce & K.A. Pryce, 19th Aug 2014, self sown in two places in rough, often gravelly ground near the propagation glasshouses.
- +152/16.29. ***Carex vesicaria*** (Bladder-sedge) (Hesgen Chwysigennaidd). Dolauduon, c.1.5km NE of Maesycrugiau, SN4846 4177, A.O. Chater, R.D. Pryce & K.A. Pryce, det. A.O. Chater, 2nd Sep 2014, grazed plant at edge of densely vegetated drainage ditch through field. 1st record for Carms part of hectad.
- +152/16.31 ***Carex pendula*** (Pendulous Sedge) (Hesgen Bendrom). Penlan Quarry, Bethesda, SN0850 1875, R.D. Pryce & K.A. Pryce, 9th Apr 2014, self sown, on Carms bank of Eastern Cleddau River. 1st record for Carms part of hectad.
- +152/16.32. ***Carex sylvatica*** (Wood-sedge) (Hesgen y Coed). Penlan Quarry, Bethesda, SN0870 1888, R.D. Pryce & K.A. Pryce, 9th Apr 2014, sessile oak dominated woodland on steep slope down to Eastern Cleddau River, also on river bank at SN 0842 1872. 1st records for Carms part of hectad.
- +152/16.44×46. ***Carex ×fulva***. Llyn-y-Fan Fach, SN8032 2214, BSBI field meeting, det. R.D. Pryce & K.A. Pryce, 22nd Jul 2014, in species-rich wet flush north of dam. 1st record for Carms part of hectad.
- +152/16.51. ***Carex caryophylla*** (Spring-sedge) (Hesgen Gynnar). Nant Fawr ravine, below Llethr Brith mire, SN6770 5018, R.D. Pryce & K.A. Pryce, 19th Apr 2014, also at SN 6768 5020 and SN 6772 5012. 1st records for Carms part of hectad.
- +152/16.67. ***Carex nigra*** (Common Sedge) (Hesgen Gyffredin). East of Nant Fawr ravine, below Llethr Brith mire, SN6768 5020, R.D. Pryce & K.A. Pryce, 19th Apr 2014, also seen by I.K. Morgan and R.N. Stringer on 19/6/2015. New records for Carms part of hectad.
- +152/16.73. ***Carex pulicaris*** (Flea Sedge) (Hesgen y Chwain). West of Nant Fawr ravine, below Llethr Brith mire, SN6767 5015, R.D. Pryce & K.A. Pryce, 19th Apr 2014, small plants in landslip scar exposing sparsely vegetated shale bedrock with small seepages at northern edge. 1st record for Carms part of hectad.

- +153/11.1. **Milium effusum** (Wood Millet) (Miledwellt y Coed). Sawdde Gorge, SN7171 2557, R.D. Pryce & K.A. Pryce, 17th May 2014, wooded riverside rocks and gorge in vicinity of Coed Shon. Also recorded at SN 7182 2551, SN 7219 2507, SN 7239 2490 and SN 7245 2484.
- +153/21.2. **Catapodium marinum** (Sea Fern-grass) (Gwenithwellt y Morfa)). National Botanic Garden of Wales, SN5213 1841, S.J. Thomas, 23rd Jul 2014, one plant in gravel between two of the propagation glasshouses. 1st county record away from the coast.
- +‡153/28.5.© **Avena sativa** (Oat) (Ceirchen). Bryn Yard, Trinity Rd, Morfa, Llanelli, SS5115 9927, R.D. Pryce, 11th Jul 2014, one self-sown plant on edge of tarmac path in small public park.
- +†153/39.2. **Agrostis gigantea** (Black Bent) (Maeswellt Mawr). Near Llanddowror, SN2469 1458, BSBI field meeting, det. A. Copping, 24th Jul 2014, one plant on roadside bank.
- *153/39.4×46.2. ×**Agropogon robinsonii**. National Botanic Garden of Wales, SN5210 1841, S.J. Thomas, conf. T. Cope, 23rd Jul 2014, one plant in rough ground by the propagation glasshouses with both parents abundant, **Herb. K**
- +153/50.3. **Bromus racemosus** (Smooth Brome) (Pawrwellt Llyfn). Crwt Bryn-y-Beirdd, Trapp, SN6651 1808, BSBI field meeting, det. A. Copping, A.O. Chater, G.M. Kay, 19th Jul 2014, on trackside.
- +‡153/59.1.© **Hordeum distichon** (Two-rowed Barley) (Haidd Dwyresog). East of Gilfach-y-rhiw, nr. Brechfa, SN5264 2914, R.D. Pryce & K.A. Pryce, 6th Jul 2014, weedy field gateway and large old dung-heap in field on east side of road.
- +‡153/60.1.© **Triticum aestivum** (Bread Wheat) (Gwenith). Gwernogle, SN5311 3386, A.O. Chater, R.A. Jones & R.N. Stringer, 20th Jul 2014, road verge by bridge.
- +158/14.1×2.‡ **Polygonatum ×hybridum** (Garden Solomon's-seal) (Llyisiau-Solomon yr Ardd). Myrtle Hill, NE of Horeb, SN506 063, I.K. Morgan, 3rd Jun 2014, established garden throw-out.
- +158/20.2×3.‡ **Hyacinthoides ×massartiana** (Clychau'r-gog Croesryw). Nr. Penrhiw, Talog, SN3230 2539, R.D. Pryce & K.A. Pryce, 12th Apr 2014, roadside cutting on NE side of road; also at SN 3243 2525.
- +‡158/24.07. **Allium triquetrum** (Three-cornered Garlic) (Garlleg Trionglog). North Road, Whitland, SN1977 1721, R.D. Pryce & K.A. Pryce, 9th Apr 2014, at least two clumps in full flower at base of garden boundary hedge, presumably escaping from garden; (+) Bryn-arau-gleision, nr. Pumpsaint SN6404 4358, R.D. Pryce, K.A. Pryce & B. Berkshire, 9th Jul 2014, one plant in western roadside hedgebank possibly accidentally brought in when stay of electricity pole was renewed.
- +‡158/33.5.c. **Narcissus pseudonarcissus subsp. major** (Spanish Daffodil) (Cenhinen-Bedr Sbaen). c.1km W of Talog, SN3230 2539, R.D. Pryce & K.A. Pryce, 12th Apr 2014, roadside banks between Penrhiw and Llygad-yr-haul (former Bethel chapel). Also at SN 3236 2531.
- +‡159/02.5. **Sisyrinchium striatum** (Pale Yellow-eyed-grass) (Sisirinciwm Melyn Mawr). Llanelli, former YWCA building, Queen Victoria Road, SS5044 0004, I.K.

- Morgan, 5th Oct 2014, self sown in cracks in concrete forecourt Second VC record.
- +‡159/13.1. **Crocospmia paniculata** (Aunt-Eliza) (Modryb Leusa). Disused quarry, north of 'The Dell', Furnace, Llanelli, SN5033 0172, Llanelli Naturalists field meeting, det. I.K. Morgan, 7th Sep 2014, garden throw-out in open area of quarry surrounded by Buddleja, willow and other-species scrub.
- +162/03.4. **Epipactis helleborine** (Broad-leaved Helleborine) (Y Galdrist Lydanddail). Prisg, c.1.5km E of Maesyrcrugiau, SN4841 4147, A.O. Chater, R.D. Pryce & K.A. Pryce, 2nd Sep 2014, one plant on roadside bank under hedgerow trees.
- +162/05/1. **Neottia nidus-avis** (Bird's-nest Orchid) (Tegeirian Nyth Aderyn). Sawdde Gorge, SN7180 2553, R.D. Pryce & K.A. Pryce, 17th May 2014, wooded riverside bank in vicinity of Coed Shon (W side of river). One plant in deep shade in c.90% leaf litter, 10% ivy cover under large beech tree by mature Poystichum aculeatum plant. Two previous year's flower spikes about 1m to NW. Sixth Carms site and third post 2000.
- +162/13.2 **Platanthera bifolia** (Lesser Butterfly-orchid) (Tegeirian Llydanwyrdd Bach). Crwt Bryn-y-Beirdd, Trapp, SN6663 1815, BSBI field meeting, det.A.O. Chater, 19th Jul 2014, two grazed plants on flushed rushy grassland and several more at SN 6669 1811.
- +162/18.2×4. **Dactylorhiza ×hallii**. Bach y Gwyddl, Penboyr, SN3522 3670, West Wales Biological Information Centre Recording Meeting, det.R.D. Pryce & K.A. Pryce, 1st Jul 2014, near southern edge of species-rich neutral haymeadow, cut each year by scythe.
- +162/18.3.a. **Dactylorhiza incarnata subsp. incarnata** (a subspecies of Early Marsh-orchid). Bach y Gwyddl, Penboyr, SN3522 3670, West Wales Biological Information Centre Recording Meeting, det.R.D. Pryce & K.A. Pryce, 1st Jul 2014, three plants with Platanthera chlorantha near southern edge of species-rich neutral haymeadow, cut each year by scythe; also recorded from NE corner of the same field at SN 3529 3669.
- +023A/LIR.tul. **Liriodendron tulipifera** (Tulip-tree). Allt Nant-y-Ci Community Park, Saron, SN6096 1246, Llanelli Naturalists field meeting, det.P. Gill & B. Gill, 12th Jul 2014, semi-mature tree on field-side of original, tall, unmanaged roadside boundary hedgerow, presumably planted.
- *146A/PHO.dac. **Phoenix dactylifera** (Date Palm). Llanelli, 14 Murray St., SN5061 0013, I.K. Morgan, 1st Sep 2014, one plant about 0.5m tall self-sown in cracks in concrete-slab paved forecourt [Cordylne australis commonly self-sows in similar situations in Llanelli]

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

- +‡017/2.1. **Cyrtomium falcatum** (House Holly-fern) (Gwrychredynen-y-Celyn y Ty). Lower St. Mary's Street, Newport, SN05841 39194, S.B. Evans & A.E. Evans, 17th Jul 2014, naturalised on a low wall of the Old School. A well-established fertile colony was nearby in the former Eco Centre garden where it would have been planted. It had been seen naturalised on the opposite side of the road in 2011 at the base of a mortared stone wall but had been removed before it was determined.
- *‡028/12.3. **Clematis tangutica** (Orange-peel Clematis) (Barf-yr-hen-wr Oren). Chimney Stack, Ferry Inn, St. Dogmaels, SN16352 46631, S.B. Evans & A.E. Evans, 4th Jun 2014, flowering plant growing out of the top of the slate coursed chimney where it could not have been planted. Another chimney stack had a flowering *Sambucus nigra* along with *Saxifraga tridactylites*. It had been removed by April 2015.
- 028/13.07. **Ranunculus parviflorus** (Small-flowered Buttercup) (Blodyn-y-menyn Mân-flodeuog). Gupton Farm, Freshwater West, Castlemartin, SR8900 9949, J. Hudson, Jun 2014, low hundreds scattered across 3 former sandy arable fields. Last recorded from the Freshwater West area in 1961.
- +031/3.1. ‡ **Pseudofumaria lutea** (Yellow Corydalis) (Mwg-y-ddaear Melyn). Water Street, Pembroke Dock, SM9691 0355, S.B. Evans & A.E. Evans, 18th Jul 2014, growing on the limestone wall of a car park.
- 031/5.06. **Fumaria purpurea** (Purple Ramping-fumitory) (Mwg-y-ddaear Glasgoch). Dale, SM8113 0617, P.R. Green, 27th May 2014, a large population for over 200m along a roadside bank from this NGR northwards along the B4327. Also on Pickleridge at SM 8088 0666. It was found at Dale in 1959 and 1980 and was last found there by A. Shaw on 27/04/2010; Tenby, SN1303 0020, P.R. Green, 3rd Jun 2014, two flowering patches at the base of a carboniferous limestone face in a disused quarry. First record for the hectad since 1867.
- *†043/1.05. **Chenopodium glaucum** (Oak-leaved Goosefoot) (Troed-yr-wydd Dail Derw). By multi-storey Car Park, Tenby, SN1321 0041, T.C.G. Rich, 12th Aug 2014, waste ground.
- +†043/1.08. **Chenopodium polyspermum** (Many-seeded Goosefoot) (Troed-yr-wydd Amlhadog). By multi-storey Car Park, Tenby, SN1321 0041, T.C.G. Rich, 12th Aug 2014, waste ground.
- +†043/1.13. **Chenopodium ficifolium** (Fig-leaved Goosefoot) (Troed-yr-wydd Dail Ffigys). By multi-storey Car Park, Tenby, SN1321 0041, T.C.G. Rich, 12th Aug 2014, waste ground.
- +046/09.1. **Moenchia erecta** (Upright Chickweed) (Clust-y-llygoden Seth). Pickleridge Lagoons, Dale, SM80875 06756, S.B. Evans, 28th Apr 2014, 16 plants along 5.5m of short trampled turf close to an old track that pre-dates the lagoons. *Chamaemelum nobile* grew in the same location until 2010.
- *046/25.5. © **Dianthus deltoides** (Maiden Pink) (Penigan y Forwyn). Priest's Nose, Manorbier, SS0599 9732, I. Carle, det.P.R. Green, 24th Jun 2014, one flowering

- clump with deep red flowers by the coast path. Almost certainly a recent arrival, presumed introduction and not native.
- +047/1.09. **Persicaria amphibia** (Amphibious Bistort) (Canwraidd y Dwr). Old lake bed, Pant-y-groes, Nevern, SN1071 4229, S.B. Evans & M. Sutton, 20th Jun 2014, swamp of the old lake bed and scattered in the fen above. Although largely drained the lake still had standing water where there was a mat of *Persicaria amphibia* - a plant not otherwise recorded from NE. Pembs.
- +047/4.2.a. **Polygonum oxyspermum subsp. raii**. Parrog, Goodwick, SM9481 3793, P.R. Green, 9th Jul 2014, several plants on sandy area of sea-lawn by inner breakwater of Fishguard Harbour.
- *+048/1.01. **Limonium vulgare** (Common Sea-lavender) (Lafant-y-môr). Inner harbour, Saundersfoot, SN13658 04649, S.B. Evans & A.E. Evans, 15th Jul 2014, sloping stone faced southern wall to the old dock had scattered salt marsh plants including single large *Limonium vulgare* plant. The first definite VC 45 record.
- +057/1.04×07. **Viola riviniana** × **lactea**. Y Bryn, Dinas, SN01240 38058, S.B. Evans & A.E. Evans, 21st May 2014, a clump of this hybrid alongside a track through this regularly burnt heathland. Intermediate shaped leaves and bluer flowers in a vigorous group made the hybrid stand out. Both parents were in the vicinity.
- +†062/31.1. **Coronopus squamatus** (Swine-cress) (Olbrain). Manorbier, SS0643 9763, S.B. Evans & A.E. Evans, 13th Jun 2014, margins of rough car park by the church.
- +‡062/38.1. **Hirschfeldia incana** (Hoary Mustard) (Mwstard Llwyd). Newport Golf Course, SN0580 4082, S.B. Evans & A.E. Evans, 11th Jul 2014, a few plants in the sandy dumping ground of the golf course.
- ‡063/1.2. **Reseda alba** (White Mignonette) (Melengu Wen). Tenby Dunes, SN1293 0014, P.R. Green, 3rd Jun 2014, a single plant on the edge of a sandy area. Last recorded in Pembs from sea-side gardens at Tenby in 1848.
- +073/1.1.‡ **Crassula tillaea** (Mossy Stonecrop) (Corchwyn Mwsoglog). Parrog Car Park, Goodwick, SM94669 38074, P.R. Green, 20th Dec 2014, crevices between paving bricks of sea front car park near ferry terminal. *Galium murale* was also in the same area. The appearance of these two species is almost certainly related to the car and lorry traffic through the port.
- +‡074/08.1. **Tellima grandiflora** (Fringecups) (Clychau'r Clawdd). Dyffryn, Goodwick, SM94271 37420, T. Theobald, det.S.B. Evans, 17th May 2014, single flowering plant in scrub on old rail line used for the construction of Fishguard Harbour's inner breakwater.
- +‡102/1.08. **Oxalis articulata** (Pink-sorrel) (Suran Ruddgoch). Tenby, SN13 00, P.R. Green, 3rd Jun 2014, on sea-cliffs.
- 107/43.3. **Torilis nodosa** (Knotted Hedge-parsley) (Troed-y-cyw Clymog). Tenby, SN13 00, P.R. Green, 3rd Jun 2014, found in a flower border and a mown lawn. There were two old records from the one km. squares just west of Tenby.
- 118/23.1. **Mentha arvensis** (Corn Mint) (Mintys yr Âr). Pont Baldwyn, Velindre, SN10443 38923, S.B. Evans & A.E. Evans, 3rd Aug 2014, a 10 x 6 paces stand in a tiny winter flooded fen where a tributary joins the river Nevern.

- 125/2.01. **Orobanche purpurea** (Yarrow Broomrape) (Gorfanhadlen Lasgoch). Windmill Hill, Tenby, SN13097 00159, T. Hallett, det.S.B. Evans, 12th Jun 2014, 6 spikes within 1.4m of each other on a steep south-west facing vegetated sandy slope over limestone dominated by *Festuca rubra*. It was last found at Tenby in 1932 some 500m from this 2014 find.
- +‡135/44.1. **Conyza canadensis** (Canadian Fleabane) (Amrhydlwyd Canada). Lydstep Nurseries, SS081 985, P.R. Green, 22nd Jul 2014.
- *‡135/44.flo. **Conyza floribunda** (Many-flowered Fleabane). Battery Road, Tenby, SN1306 0015, R.F. Taylor, det.R. Burton, 29th Sep 2012, the first discovery of this plant in Pems. It has also arrived at Pembroke Dock where it was found by R. Taylor and S.B.Evans later in 2012 at SM97645 04294 and by P.R. Green at Llanion SM 96 03 on 02/01/2014.
- +151/1.08. **Juncus ambiguus** (Frog Rush) (Brwynen y Broga). Mill View Farm, Hook, SM9898 1123, M. Sutton, Jun 2014, with *Eleocharis uniglumis* on a path at the junction between freshwater seepages and salt marsh.
- +151/1.25×26. **Juncus ×diffusus** (Diffuse Rush). Mill View Farm, Hook, SM9898 1163, M. Sutton, Jun 2014.
- +151/1.26×27. **Juncus effusus × J. conglomeratus = J. ×kern-reichgeltii**. Mill View Farm, Hook, SM98860 11680, M. Sutton, 28th May 2014, a clump amongst *Juncus effusus*.
- +152/16.23. **Carex hirta** (Hairy Sedge) (Hesgen Flewog). Pont Baldwyn, Velindre, SN1045 3890, S.B. Evans & A.E. Evans, 3rd Aug 2014, unimproved grassland.
- +152/3.3. **Eleocharis uniglumis** (Slender Spike-rush) (Ysbigfrwynen un Cibyn). Ellis' Piece, Trehill, Marloes, SM77228 08067, M. Sutton, 1st Sep 2014, north side of main pool edges.
- *153/32.1.b. **Deschampsia cespitosa subsp. parviflora** (Small-flowered Hair-grass). Jordanston Mountain, Redberth, SN0884 0375, M. Sutton, det.A.O. Chater, 2014, woods near western boundary.
- +153/40.1. **Calamagrostis epigejos** (Wood Small-reed) (Corsen Fach y Coed). Mill View Farm, Hook, SM9886 1151, M. Sutton, Jun 2014, scattered towards the edges of an unimproved wet grassland field.
- *‡153/46.2. **Polygona viridis** (Water Bent) (Barfwellt y D[^]r). St. David's Head, SM722 278, M. Wilcox, det.T. Cope, 28th Jun 2009, growing with *Agrostis stolonifera* on the sea-cliff; (+) Lydstep Nurseries, SS081 985, P.R. Green, 22nd Jul 2014; (+) Rectory Car Park, Tenby, SN1312 0025, P.R. Green, 3rd Jun 2014, growing on the edge of the car park and in several other places at the base of walls about Tenby.
- +‡153/70.1.© **Setaria viridis** (Green Bristle-grass) (Cibogwellt Gwyrddlas). St. Ishaels, SM8348 0732, S.B. Evans, 17th Aug 2014, abundant below the front wall of a cottage; probably where bird-seed had been spread in the winter months.
- +‡153/PAN.mil.© **Panicum miliaceum** (Common Millet) (Miled). South Beach cliffs, Tenby, SN13231 00114, O. Leyshon, 23rd Aug 2014, a single large plant growing on a sandy beach, under a rock overhang where pigeons roost on South Beach.

- +‡158/20.3. **Hyacinthoides hispanica** (Spanish Bluebell) (Clychau'r-gog Sbaenaidd). North side of road, Trehill Farm, Marloes, SM7745 0872, S.B. Evans, 28th Apr 2014, grassy hedgebank opposite Trehill Farm garden.
- +162/20.3. **Anacamptis morio** ([Green-winged Orchid]) (Tegeirian y Waun). Caerfarchell Burial Ground, Solva, SM7936 2724, B. Stephens, May 2014, a total of 402 flowering spikes were later counted by S. and A Coker and S.B. and A.E.Evans. The cemetery is cut regularly and the associated plants were very limited in number compared with all other *O. morio* sites in Pembrokeshire

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

- +005/1.1. **Ophioglossum vulgatum** (Adder's-tongue) (Tafod y Neidr). Comparatively well-drained ridge of upland grassland, Cefn Croes, near Cefn Blaen-merin, SN812 809, P. Foulkes, 21st Oct 2014, colony of at least >100 plants. First record for the VC part of the hectad and new VC alt limit.
- +017/1.1. **Polystichum setiferum** (Soft Shield-fern) (Gwrychredynen Feddal). NE-facing slope in riparian woodland, above the Afon Berwyn at E end of Coed Llwyn-garu, SN706 592, S.P. Chambers, 26th Jul 2014, one plant.
- +‡030/1.1. **Papaver pseudoorientale** (Oriental Poppy) (Llygad y Bwgan). Grassy bank, car park by Pont-yr-Odyn, Aberystwyth, SN584 812, S.P. Chambers & H.F. Clow, det.S.P. Chambers, 26th May 2014, one plant on disturbed soil by new steps.
- +033/1.1.b. **Ulmus glabra subsp. montana**. Streamside woodland, Rhippinllwyd, nr Cwm-cou, SN286 432, A.O. Chater, 27th Jun 2014.
- *‡035/2.1.© **Ficus carica** (Fig) (Ffigysbren). Base of wall, Lovedon Road, Aberystwyth, SN586 819, R.A. Jones, Jul 2014, small, c. 5-6 inches tall, self-sown seedling, herbicide sprayed in August 2014, possibly now dead.
- +043/1.06. **Chenopodium rubrum** (Red Goosefoot) (Troed-yr-^ydd Coch). Flowerbed, Boulevard de Saint Brieuc, Aberystwyth, SN587 811, S.P. Chambers, 6th Oct 2104, one plant. 1st hectad record since 1928.
- +046/01.1.a. **Arenaria serpyllifolia subsp. serpyllifolia** (Thyme-leaved Sandwort). Edge of forestry road, Esgair Gerwyn, SN788 584, S.P. Chambers, 20th Aug 2014, 4 plants over 0.5 x 0.1m. New VC alt limit.
- +046/02.1. **Moehringia trinervia** (Three-nerved Sandwort) (Tywodlys Teirnerf). Shady dry hedgebank, 230m E of Glan-yr-afon-ddu, SN706 593, S.P. Chambers, 26th Jul 2014.
- +051/1.08. **Hypericum undulatum** (Wavy St John's-wort) (Eurinllys Tonnog). Headwaters of the Afon Carrog, near Tynwydd, N of Llangwryfon, SN594 724, A.O. Chater & R.A. Jones, det.A.O. Chater, 1st Oct 2013, four colonies, new site.
- *©060/CIT.lan. **Citrullus lanatus** (Water Melon) (Melon D^r). Edge of car park at mouth of Afon Cledan, Llan-non, SN506 668, A.O. Chater, 28th Jul 2014, one plant straggling through brambles, **Herb. NMW 14/28**

- +061/2.10×11. **Salix ×reichardtii**. Scrub fringing forestry road, Esgair Gerwyn, SN789 587, S.P. Chambers, 20th Aug 2014, two 3ft tall saplings with both parents. New VC alt limit.
- +062/23.5. **Cochlearia danica** (Danish Scurvygrass) (Llwylys Denmarc). Pavement on E side of road bridge, Pont Ysbyty-cynfyn, SN752 789, A.O. Chater, 4th May 2014, abundant.
- +†062/35.2. **Sinapis alba** (White Mustard) (Mwstard Gwyn). Mound of soil from reseeded sports field, behind shingle beach, Aberaeron, SN458 632, S.P. Chambers & D. Martyn, det.S.P. Chambers, 21st May 2014, abundant (>50 plants). Last recorded from the Aberaeron area by Marshall in 1900.
- +063/1.3. **Reseda lutea** (Wild Mignonette) (Melengu Wyllt Ddi-sawr). By a post in car park, Cors Caron, SN692 629, A.O. Chater & R. Maskew, det.A.O. Chater, 10th Jul 2014, one large plant, presumably come in on someone's tyres, 5th VC site.
- *‡071/HYD.mac. **Hydrangea macrophylla** (Hydrangea) (Trilliw ar Ddeg). Scrubby Pteridium - Rubus fruticosus s.l. vegetation in plantation forestry, Pen Garn-wen, 1.25km W of Capel Cynon, SN367 494, S.P. Chambers, 2nd Oct 2014, one large, c. 6ft tall, well established bush, probably originating as garden outcast.
- +‡074/07.1. **Tolmiea menziesii** (Pick-a-back-plant) (Crydllys). Stream bank in woodland, S bank of the Afon Bedw, Cwmbedw, SN354 504, S.P. Chambers, 12th Mar 2014, abundant along c. 150m, inc. dominant colony c. 12 x 3m & one epiphytic c.1ft up Fraxinus excelsior trunk indicating flood level.
- *075/08.02.058 **Rubus leptothyrsos**. Partially felled conifer plantation, Upper Forest, Lampeter, SN573 497, D.E.Allen & A.O. Chater, det.D.E. Allen, 4th Aug 1998, first record for Wales of this mainly Scottish species, **Herb. BM**
- +075/13.2. **Geum urbanum** (Wood Avens) (Mapgoll). Edge of track by damp woodland, 200m E of Glan-yr-afon-ddu, SN705 593, S.P. Chambers, 26th Jul 2014, 4 weak plants.
- +‡075/21.05.06. **Rosa rugosa** (Japanese Rose) (Rhosyn Japan). Shingle at top of beach, Aberaeron, SN461 635, S.P. Chambers, 18th Apr 2014, seedling c. 6 inches tall.
- +©077/14.fab. **Vicia faba** (Broad Bean) (Ffeuen y Gerddi). Gutter below pavement kerb, N side of the A44(T), Capel Bangor, SN653 803, S.P. Chambers, 7th Jun 2014, one plant.
- +077/19.13. **Trifolium micranthum** (Slender Trefoil) (Meillionen Hopysaidd Eiddil). Dry field bank, 100m N of Llangranog, SN312 543, S.P. Chambers, 19th May 2014, c. 10 plants.
- +078/1.1.‡ **Hippophae rhamnoides** (Sea-buckthorn) (Rhafnwydden y Môr). Hedge bank, car park, Llangranog, SN316 538, S.P. Chambers, 19th May 2014, planted bush.
- +084/1.03×06. **Epilobium ×aggregatum (E. montanum × E. obscurum)** (a hybrid willowherb). Field entrance, 220m E of Glan-yr-afon-ddu, SN706 593, S.P. Chambers, 26th Jul 2014.

- +‡103/1.01. **Geranium endressii** (French Crane's-bill) (Pig-yr-aran Ffrainc).
Trackside through mixed woodland, Rhippinllwyd, nr Cwm-cou, SN286 429, A.O. Chater, 27th Jun 2014; (+) grass verge, Pontgarreg, SN328 535, S.P. Chambers, 15th Apr 2014, several clumps; (+) grass verge, NE side of the B4342, Felinfach, SN532 555, S.P. Chambers, 17th Jan 2014, one clump.
- +103/1.07.‡ **Geranium pratense** (Meadow Crane's-bill) (Pig-yr-aran y Weirglodd).
Roadside verge, 1.5km N of Cardigan, SN187 485, H. Williams, Aug 2014.
- +107/40.1.a. **Pastinaca sativa subsp. sativa** (Wild Parsnip) (Panasen Wylt). In rough, trackside vegetation, S of railway crossing, c.300m E of Ynyslas farm, SN617 929, S.P. Chambers, 14th Jun 2014, one plant.
- +107/44.1.a. **Daucus carota subsp. carota** (Wild Carrot) (Moronen y Maes). Verge of minor road, nr. Waun-cynydd, Cwm Twrch, SN682 510, M.D. Sutton, 14th Aug 2014.
- +‡116/08.1. **Pentaglottis sempervirens** (Green Alkanet) (Llyisiau'r-gwrid Gwyrdd).
Road side bank, W of Pontgarreg, SN326 535, S.P. Chambers, 15th Apr 2014, colony c.3m long.
- +‡116/09.1. **Borago officinalis** (Borage) (Tafod yr Ych). C. 25 x 10m strip of recently disturbed soil in grassland, W of Cribach Bay, Aber-porth base (QinetiQ), SN248 520, S.P. Chambers, 21st Jun 2014, 25 plants counted on 3 August 2014.
- +†118/06.3. **Galeopsis speciosa** (Large-flowered Hemp-nettle) (Y Benboeth Amryliw). Verge of rough road through upland forestry, 300m WSW of Blaenmyherin, SN797 794, A.O. Chater, 17th Jul 2014, c.20 very small plants in an odd and remote non-arable site and new VC alt limit.
- +124/02.2. **Scrophularia auriculata** (Water Figwort) (Gwrneth y D^r). Damp streamside woodland, Rhippinllwyd, nr Cwm-cou, SN286 432, A.O. Chater, 27th Jun 2014; (+) steep NW-facing road bank, c.60m S of Carnedd y Gors, between Glandyfi Castle & Eglwys Fach, SN689 963, S.P. Chambers, 4th Apr 2014, 1 large & 3 small plants on recently constructed bank. 1st record from N of the Aberystwyth area.
- +129/3.1. **Wahlenbergia hederacea** (Ivy-leaved Bellflower) (Clychlys Dail Eiddew).
Stream bank, W bank of the Afon Claerwen c.40m N of ford, S of Lan Wen, SN806 678, S.P. Chambers, 23rd Jun 2014, patch c. 20 x 10cm. 1st record for the VC46 part of the hectad.
- +131/2.2. **Viburnum lantana** (Wayfaring-tree) (Gwifwrnwydden). Hedge bank, car park, Llangranog, SN316 538, S.P. Chambers, 19th May 2014, two small planted bushes on short length of new hedge bank.
- +135/03.nem. **Arctium nemorosum** (Wood Burdock) (Cyngaf y Coed). Hedge bank, c. 100m S of Perth-y-gwenyn Plantation, SN543 671, S.P. Chambers, 14th Sep 2014.
- +135/05.3.a. **Carduus crispus subsp. multiflorus**. Overgrown quarry on S facing pasture slope, above Llanfarian, SN594 778, A.O. Chater, 15th Jun 2014, dominant, in thousands. 5th modern (post-1976) record & 1st since 1996.

- +135/21.2. **Sonchus arvensis** (Perennial Sow-thistle) (Llaethysgallen y Tir Âr). Edge of forestry track, Esgair Gerwyn, SN788 583, S.P. Chambers, 20th Aug 2104, new VC alt limit.
- *135/82.tin. **Coreopsis tinctoria** (Garden Tickseed). Kerb edge in car park, Boulevard de Saint Brieuc, Aberystwyth, SN587 811, S.P. Chambers, 29th Jul 2014, spreading from 'wildflower' seed mix sown nearby.
- +142/1.01×06. **Potamogeton ×sparganiifolius** (Ribbon-leaved Pondweed) (Dyfrllys Rhubanog). Afon Teifi, 1km SW of Lampeter, SN571 472, A.O. Chater, det.C.D. Preston, 27th Sep 2014, abundant, and present in several other places in the Teifi in this tetrad, **Herb. NMW 14/29**
- +‡147/5.2.b. **Arum italicum subsp. italicum**. Stream bank, road verge & hedge base, B4342 near Felinfach, SN533 554, S.P. Chambers, 17th Jan 2014, c. 6 clumps.
- +148/1.1. **Spirodela polyrhiza** (Greater Duckweed) (Llinad Mawr). River ox-bow, Afon Teifi, c.0.5km W of Alltbwla, SN255 422, S.D.S. Bosanquet & J. Turner, 16th Jul 2014, frequent. Only c.500m upstream of first native site and possibly also native.
- +152/16.15. **Carex remota** (Remote Sedge) (Hesgen Blodau Anghyfagos). Stony flushed forestry track edge, Dolgoch, S of Esgair Hirnant, SN786 588, S.P. Chambers, 20th Aug 2014, single, sickly/weak plant, likely from seed imported on vehicle. New VC alt limit.
- +152/16.31 **Carex pendula** (Pendulous Sedge) (Hesgen Bendrom). Partly vegetated concrete hardstanding, Aber-porth base (QinetiQ), SN242 520, S.P. Chambers, 21st Jun 2014, three mature plants and scattered seedlings.
- +152/16.51. **Carex caryophyllea** (Spring-sedge) (Hesgen Gynnar). Dry, S-SE sloping acid grassland, S flank of Creigiau Canol, NE of Teifi Pools, SN802 686, S.P. Chambers, 30th May 2014, first record for the VC46 part of the hectad & new VC alt. limit.
- +153/12.07.d. **Festuca rubra subsp. commutata** (Chewing's Fescue) (Peiswellt Chewing). Dry, shaly track, SE of Waun, SN345 503, S.P. Chambers, 21st Jun 2014, one clump.
- +153/21.1. **Catapodium rigidum** (Fern-grass) (Gwenithwellt Caled). Base of front boundary wall alongside pavement, Penrhynoch Village Hall, SN649 841, A.J. Morton, 25th May 2014, locally abundant.
- +†153/50.7. **Bromus secalinus** (Rye Brome) (Pawrwellt Bach). Farmyard, Rhydcynydd, 4km NE of Capel Dewi, SN472 446, A.O. Chater, 23rd Sep 2014, 2 plants.
- +155/1.2. **Typha angustifolia** (Lesser Bulrush) (Cynffon-y-gath Gulddail). Edges of backwater of ox-bow, Afon Teifi c.1.5km SW of Llanybydder, SN805 428, S.D.S. Bosanquet & J. Turner, 21st Aug 2014, digital photographs. 8m & 5m strips looking convincingly wild and perhaps native.
- +162/20.2. **Orchis mascula** (Early-purple Orchid) (Tegeirian Coch y Gwanwyn). Around planted trees on grass verge, N of Pont Pen-y-bont on W side of A4130, Aberystwyth, SN595 804, S.P. Chambers, 2nd May 2014, six 1 x 1m turf squares each with c. 25 plants, local provenance 'rescue transplants' from Ceredigion

Highways Dept. road scheme nr. New Quay. New N-limit for VC46 disrupting natural limit

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

- +c1-4-fle.f **Nitella flexilis var. flexilis** (Smooth Stonewort). Llyn y Mynydd, SJ007 252, S. Swindells, R.A. Dawes, 27th Jul 2012.
- +001/1.1. **Huperzia selago** (Fir Clubmoss) (Cnwp-fwsogl Mawr). Graig Fawr, SH92 08, P. Foulkes, 25th Jun 2014.
- +001/4.1. **Diphasiastrum alpinum** (Alpine Clubmoss) (Cnwp-fwsogl Alpaidd). By track, with Calluna, N of Llyn Gwyddior, SH9353 0939, P. Foulkes, G. Foulkes, 9th Aug 2014, a small amount by the track at SH93536.09389; (+) on a rocky bank by a small pool with *L.clavatum*, N of Llyn Gwyddior, SH9355 0989, P. Foulkes, G. Foulkes, 9th Aug 2014, a few metres from the track at SH93550.09887.
- +006/1.1. **Osmunda regalis** (Royal Fern) (Rhedynen Gyfrdwy). Wetland, Cors Dyfi, SN69 98, A. Hughes, 2014, 13-15 plant counted over past 2 years, from boardwalks across the site in SN7098 and SN6998.
- +010/1.2. **Hymenophyllum wilsonii** (Wilson's Filmy-fern) (Rhedynach Teneuwe Wilson). On ravine rocks, Croes Llechwedd (Nant Waun-fign), SH880 107, A.K. Thorne., W.I.J. Thorne, Mar 2014, a couple of good stands; (+) side of small ravine, Croes Llechwedd (Nant Waun-fign), SH881 108, A.K. Thorne., W.I.J. Thorne, Mar 2014, 2 stands (30m x 10m and 1m x 10m). More to the north with another stand 1m x 2m.
- +017/1.2. **Polystichum aculeatum** (Hard Shield-fern) (Gwrychredynen Galed). Wall of mine building, Nant y Eira mine, SN8267 8733, P.R. Green, 3rd May 2013, wall of mine building.
- +026/1.1. **Nymphaea alba** (White Water-lily) (Alaw). Pool, Penegoes, SH77 00, A.K. Thorne., W.I.J. Thorne, 18th Aug 2011; (+) upland lake and mire, Llyn Hir, SJ02 05, A.K. Thorne., Montgomeryshire Flora Group, 2009.
- +028/03.1. **Helleborus foetidus** (Stinking Hellebore) (Crafanc-yr-arth Ddrewllyd). Trackside, Upper Brynkyn, SO2737 9520, P.R. Green, 13th Aug 2014, three on side of track. Likely to be a non native site.
- +028/13.11. **Ranunculus sceleratus** (Celery-leaved Buttercup) (Crafanc yr Eryr). Riverside, Cemmaes (W of), SH83 06, A.K. Thorne., W.I.J. Thorne, 9th Sep 2012, riverside.
- +028/13.19. **Ranunculus omiophyllum** (Round-leaved Crowfoot) (Crafanc-y-frân y Rhostir). Upland lake,, Llyn Mawr WS, SO01 97, T. Stretton, 27th Nov 2009, sO013970, central GR.
- +†030/1.3. **Papaver somniferum** (Opium Poppy) (Llyisiau Cwsg). Road and lanes, nr Penybontfawr, SJ02S, A.P. Daly, 2009; (+) roadside verge, Middletown, SJ29 12, A.K. Thorne., R.G. Thorne, 9th Jul 2011.

- +†030/1.4. **Papaver rhoeas** (Common Poppy) (Pabi Coch). Disturbed roadside corner, Carno (N of), SN94 98, A.K. Thorne., 30th Jul 2014.
- *†043/1.13. **Chenopodium ficifolium** (Fig-leaved Goosefoot) (Troed-yr-^ydd Dail Ffigys). On disturbed ground, Leighton Park, SJ2470 0505, P.R. Green, 13th Aug 2014, several plants.
- +045/3.1.a. **Montia fontana subsp. fontana**. Upland valley, Cwm Melangell, SJ02I, A.P. Daly, det. Trueman, Prof. I.C., 2009, upland valley.
- +045/3.1.d. **Montia fontana subsp. chondrosperma**. Rock and grassland bluff, Lan Fawr, SO29 97, A.K. Thorne., 27th Mar 2012, rock and grassland bluff.
- +046/10.7. **Sagina apetala** (Annual Pearlwort) (Corwlyddyn Unflwydd). Shaley hill slope and valley, nr Llangynog, SJ02N, A.P. Daly, 2009.
- +046/17.4. **Spergularia rubra** (Sand Spurrey) (Troellig Arfor Coch). On old quarry floor, trackside, Trannon, SN91 94, A.K. Thorne., 2009, small quantity.
- +046/20.09. **Silene latifolia** (White Campion) (Gludlys Gwyn). Trackside, Cemmaes (Glyn Ceirig), SH81 06, A.K. Thorne., W.I.J. Thorne, 9th Sep 2012.
- +†047/4.3. **Polygonum arenastrum** (Equal-leaved Knotgrass) (Y Canclwm Manddail). Mire and heathland along river valley, Afon Lwyd valley, SN89Q, A.K. Thorne., W.I.J. Thorne, Aug 2010, in monads SN8690 and SN8790; (+) steep-sided upland valley, upper Cwm Rhiwarth, SJ02J, A.P. Daly, 2009, steep-sided upland valley; (+) rough grassland, woodland and scrub, Y Frochas, SJ19 08, Montgomeryshire Field Society, 18th Aug 2010; (+) Penybontfawr (Tanpenygarnedd), SJ10 24, S. Swindells, 24th Aug 2014; (+) floodplain with oxbows, Dolydd Hafren, SJ20 00, Botanical Society of the British Isles, Aug 2008, floodplain with oxbows; (+) field gateway, Bryn Mawr, SJ25 19, R.A. Dawes, S. Swindells, 2013, field gateway.
- +047/8.10. **Rumex hydrolapathum** (Water Dock) (Tafolen y D^r). Mixed habitat adjoining floodplain, nr Meifod, SJ11R, R. Meade, 2009.
- +053/1.1. **Malva moschata** (Musk-mallow) (Hocysen Fwsg). Road verge, Abercegir, SH81 00, G. Foulkes, 5th Jul 2014.
- +†053/1.7. **Malva neglecta** (Dwarf Mallow) (Corhocysen). Pontrobert, SJ11B, T. Stretton, 2009.
- +†057/1.13. **Viola arvensis** (Field Pansy) (Trilliw'r Tir Âr). Roadside, Penybontfawr (Wern-ddu), SJ07 24, T. Stretton, 15th Jul 2014, south side, RVNR cM8.
- +061/1.2. **Populus tremula** (Aspen) (Aethnen). Laneside, Dernol, SN91 75, A.K. Thorne., 12th Aug 2013, laneside.
- +061/2.11.b. **Salix cinerea subsp. oleifolia** (Rusty Willow). Upper Brynkyn, SO27 95, P.R. Green, 13th Aug 2014.
- 061/2.16. **Salix repens** (Creeping Willow) (Corhelygen). Forest track, N of Llyn Gwyddior, SH9319 0844, P. Foulkes, G. Foulkes, 9th Aug 2014, sH93196.08438, in centre of forest track about 1km NW of Llyn Gwyddior Sal rep site, 3rd county site.
- +†062/01.7. **Sisymbrium officinale** (Hedge Mustard) (Roced y Berth). Disturbed roadside corner, Carno (N of), SN94 98, A.K. Thorne., 30th Jul 2014.

- +062/12.1. **Rorippa nasturtium-aquaticum** (Water-cress) (Berwr-y-d[^]r). Pond, Llanllugan (Fronhaul), SJ05 03, E. Beare, Montgomery Field Society, 17th Jul 2014.
- +‡062/31.2. **Lepidium didymum** (Lesser Swine-cress) (Olbrain Bach). Disturbed roadside corner., Carno (N of), SN94 98, A.K. Thorne., 30th Jul 2014, introduced-naturalised.
- *‡073/5.4. **Sedum spectabile** (Butterfly Stonecrop) (Briweg Iâr Fach yr Haf). By old Hazel and Hawthorn hedgerow near track, North of Pontrobert, SJ110 152, R.A. Dawes, S. Swindells, 26th Apr 2011, 1 healthy plant. Introduced-naturalised.
- +‡074/08.1. **Tellima grandiflora** (Fringecups) (Clychau'r Clawdd). On stone bank and verge with ger luc,umb rup, alli pet,gal apar, Llanrhaeadr-ym-mochnant (W of), SJ1137 2660, S. Swindells, 25th Apr 2014.
- 075/08.0.03. **Rubus saxatilis** (Stone Bramble) (Corfiaren). Steep bank of river, Caerbwla, S of Llangadfan, SJ004 086, Montgomeryshire Flora Group, det.A.K. Thorne., 13th Jun 2014, good interrupted stand (20m x 1m) along steep bank of river, smaller stand nearby. 3rd county site.
- +075/09.14. **Potentilla anglica** (Trailing Tormentil) (Pumnalén Orweddol). Llandyssil (Upper Bryntalch), SO18 96, Montgomeryshire Field Society, 9th Sep 2011.
- +075/09.15. **Potentilla reptans** (Creeping Cinquefoil) (Pumnalén Ymlusgol). Roadside, Carno, SN95 98, A.K. Thorne., 30th Jul 2014, a470.
- +075/21.15. **Rosa tomentosa** (Harsh Downy-rose) (Rhosyn Gwlanog). Hedge, Arddleen (Rhyd-esgyn), SJ27 14, A.K. Thorne., W.I.J. Thorne, 13th Sep 2014.
- *‡075/22.13.© **Prunus lusitanica** (Portugal Laurel) (Coeden Lawrgeirios Portiwgal). Woodland, Lymore, SO23 96, A.K. Thorne., W.I.J. Thorne, 16th Sep 2011, woodland.
- *‡077/01.1. **Robinia pseudoacacia** (False-acacia) (Coeg-acasia). Wasteground/pavement edge,, Newtown, SO10 91, A.J. Hotchkiss, 2012, regenerating/Planted.
- +077/14.08. **Vicia tetrasperma** (Smooth Tare) (Ffacbysen Lefn). Riverside and floodplain, Upper Wye Valley, SN85 81, Montgomeryshire Flora Group, 8th Aug 2012, riverside and floodplain.
- +077/14.11.a. **Vicia sativa subsp. nigra** (Narrow-leaved Vetch). Llandyssil (Upper Bryntalch), SO19U, Montgomeryshire Field Society, det.A.K. Thorne., 9th Sep 2011; (+) steep hillside, Roundton Reserve, SO29 94, R.A. Dawes, A.P. Dawes, 2004, steep hillside; (+) hedge banks, Mawnog Gwaunynog area, SJ07 11, A.J. Hotchkiss, 2012, outside Mawnog Gwaunynog; (+) road and lanes, nr Penybontfawr, SJ02S, A.P. Daly, 2009, road and lanes; (+) vegetated river shingle/river bank, Meifod, SJ16 13, A.J. Hotchkiss, I. Griffiths, 26th May 2012, vegetated river shingle/river bank; (+) quarry, Breidden Hill (Craig Breidden), SJ21W, Botanical Society of the British Isles, 23rd May 2009, quarry; (+) Llanymynech Hill, SJ26 21, R.A. Dawes, C. Todd, A.K. Thorne., 2009; (+) mixed habitats with some acid grassland, Breiddens east and Belan Bank, SJ31C, A.K. Thorne., 2007.

- +†077/14.11.b. **Vicia sativa subsp. segetalis** (Common Vetch). Mixed habitats with some riverside, nr Pont Llogel, SJ01M, A.K. Thorne., A. Hazlehurst, S. Swindells, D. Hampson, 2008, mixed habitats with some riverside; (+) roadside, W of Penybontfawr, SJ02S, A.P. Daly, 2010, wern Ddu; (+) verge, Llanrhaeadr-ym-mochnant (SW of), SJ11 24, R.A. Dawes, 30th Jun 2014, verge; (+) development site, Coed y Dinas, SJ22 05, S.P. Chambers, 2005, sJ222056 central GR.
- +©077/14.11.c. **Vicia sativa subsp. sativa** (Pupysen). Parkland and farmland, Bryngwyn, SJ11Y, G. Evans, 2007, parkland and farmland.
- +084/1.02×06 **Epilobium ×dacicum**. Rushy mire, Brithdir SSSI, SO300 944, A.K. Thorne., det.Kitchener, Mr G.3/6/14, 16th Aug 2013, on the material supplied this hybrid is the most likely. Originally noted as a hybrid on a BSBI AGM outing in 2008 but not identified. Only previous record is in the 1950s in SJ21.
- +103/1.10. **Geranium columbinum** (Long-stalked Crane's-bill) (Pig-yr-aran Hirgoes). Road verge, Abercegir, SH815 008, G. Foulkes, 5th Jul 2014, 2 small plants.
- +‡103/1.14. **Geranium pyrenaicum** (Hedgerow Crane's-bill) (Pig-yr-aran y Gwrych). Bont glan-tanat, SJ13 24, S. Swindells, 22nd Aug 2014.
- +106/1.2.b. **Hedera helix subsp. hibernica** (Atlantic Ivy) (Iorwg yr Iwerydd). Common land, Abercegir, SH80 01, G. Foulkes, 2012, common land; (+) lane-side hedge, Cwm Twrch, Foel, SH98 13, A.K. Thorne., W.I.J. Thorne, 3rd Mar 2012, lane-side hedge.
- *107/41.1.a.ang. **Heracleum sphondylium subsp. sphondylium var. angustifolium**. Verge of lane, Leighton, SJ24 05, P.R. Green, 13th Aug 2014.
- +110/8.1. **Solanum nigrum** (Black Nightshade) (Codwarth Du). Road verge, Abercegir, SH81 00, G. Foulkes, 19th Jul 2014, likely to be a non-native site Here I(comment by VC recorder).
- +‡111/3.3. **Calystegia pulchra** (Hairy Bindweed) (Taglys Blewog). Roadside hedge, Bryncyn Green, SO2808 9545, P.R. Green, 13th Aug 2014, introduced-naturalised.
- +‡111/3.4. **Calystegia silvatica** (Large Bindweed) (Taglys Mawr). Tracks through woodland and scrub, Middletown, SJ30 12, A.K. Thorne., W.I.J. Thorne, 9th Jul 2011, introduced-naturalised.
- *‡116/04.1×2×4. **Symphytum ×hidcotense [Symphytum 'Hidcote Blue'] (S. officinale × S. asperum × S. grandiflorum)** (Hidcote Comfrey) (Cyfardwf Hidcote). On bank on side of road, Clatter, SN997 949, P.R. Green, 30th Apr 2014, large patch. Likely to have been dumped, now spreading well.
- +116/15.07.‡ **Myosotis sylvatica** (Wood Forget-me-not) (Sgorpionllys y Coed). Hedgerow and fields, Foel, SH91W, A.K. Thorne., 2008, garden escape.
- +†116/15.08. **Myosotis arvensis** (Field Forget-me-not) (Sgorpionllys y Maes). Margins of railway line, Dovey Junction (Dyfi Junction), SN69 97, A.K. Thorne., Sep 2009, margins of railway line.
- +116/15.10. **Myosotis discolor** (Changing Forget-me-not) (Sgorpionllys y Amryliw). Along public paths from road to Craig Goch, Nant-yr-hafod, SN87 91, P.R. Green, 3rd May 2013.
- *‡116/16.1. **Omphalodes verna** (Blue-eyed-Mary) (Mari Lygatlas). Near stream, North of Pontrobert, SJ104 153, R.A. Dawes, S. Swindells, 26th Apr 2011, a few

- plants. introduced-naturalised; (+) on hedgebank, Llanrhaeadr-ym-mochnant (W of), SJ11 26, S. Swindells, 2nd May 2014, garden escape.
- +†118/06.3. **Galeopsis speciosa** (Large-flowered Hemp-nettle) (Y Benboeth Amryliw). River bank/arable field edge, Deuddwr (Trewylan), SJ2202 1898, R.G. Thorne, 2014.
- +118/10.2. **Scutellaria galericulata** (Skullcap) (Cycyllog). Pool, Dovey Junction SSSI (Dyfi SSSI), SN69 98, A.K. Thorne., Sep 2009.
- +118/23.1. **Mentha arvensis** (Corn Mint) (Mintys yr Âr). Riverside and floodplain, Upper Wye Valley, SN85 81, Montgomeryshire Flora Group, 8th Aug 2012.
- +†118/23.3. **Mentha spicata** (Spear Mint) (Mintys Ysbigog). Brooks, SO19P, B. Senior, 2009, introduced-naturalised.
- +‡124/04.1. **Mimulus moschatus** (Musk) (Mwsg). Marsh, Llangadfan (Llety Mawr), SH98 10, E. Beare, A. Jenkinson, G. Jenkinson, Jun 2012, introduced-naturalised.
- +‡124/04.2. **Mimulus guttatus** (Monkeyflower) (Blodyn Mwnci). Mire and heathland along river valley, Afon Lwyd valley, SN89Q, A.K. Thorne., W.I.J. Thorne, Aug 2010, in monads SN8690 and SN8790. introduced-naturalised.
- +124/25.2.a. **Pedicularis sylvatica subsp. sylvatica**. Mire, Derwenlas, SN71 98, Montgomeryshire Flora Group, 3rd May 2012.
- +125/2.02. **Orobanche rapum-genistae** (Greater Broomrape) (Gorfanhadlen Fawr). On south verge of forestry track, Pennant Melangell (S of), SJ0252 2485, S. Swindells, R.A. Dawes, 25th Jun 2012, 11 flowering plants on broom; (+) on south verge of forestry track, Pennant Melangell (S of), SJ0258 2490, S. Swindells, R.A. Dawes, 25th Jun 2012, 5 flowering plants together & 1 separate on broom.
- +131/2.1. **Viburnum opulus** (Guelder-rose) (Gwifwrnwydden y Gors). Melinbyrhedyn and surrounds, SN89E, T. Brown, 2007.
- *‡131/5.1. **Leycesteria formosa** (Himalayan Honeysuckle) (Bachgen Llwm). Melinbyrhedyn and surrounds, SN89E, T. Brown, 2010.
- +133/1.1. **Valerianella locusta** (Common Cornsalad) (Gwylaeth yr Oen). Roadside, Sarn (SW of), SO19 89, A.K. Thorne., W.I.J. Thorne, Apr 2014, roadside.
- +135/02.1. **Carlina vulgaris** (Carline Thistle) (Ysgallen Siarl). On drier bank where stonework associated with dam, Y Van (Bwlch-Y-Gle dam), SN928 877, P. Foulkes, G. Foulkes, 24th Sep 2014, on drier bank where stonework associated with dam; (+) roadside, Dolfor (S of), SO11 84, T. Stretton, A. Foster, 11th Jul 2014, east side, RVNR cM15.
- +†135/22.1. **Lactuca serriola** (Prickly Lettuce) (Letusen Bigog). Montgomery, SO225 969, E. Beare, 2014; (+) verge, Llanrhaeadr-ym-mochnant (S of), SJ12 25, R.A. Dawes, S. Swindells, 14th Jun 2014.
- +135/62.15.vul.hib. **Senecio vulgaris subsp. vulgaris var. hibernicus**. Margin of railway line, Dovey Junction (Dyfi Junction), SN69 97, A.K. Thorne., Sep 2009; (+) roadside verge, Meifod, SJ1938 1463, E. Beare, R. Meade, 2012.
- +142/1.01. **Potamogeton natans** (Broad-leaved Pondweed) (Dyfrllys Llydanddail). Lake and margins, Llyn Gwyddior, SH93 07, A.K. Thorne., W.I.J. Thorne, 3rd Aug 2013, lake and margins.

- *151/2.6.a. **Luzula multiflora subsp. multiflora**. Hafren Forest, SN88N, Montgomeryshire Flora Group, det.A.K. Thorne., 17th Jul 2010; (+) lakeside, Llyn Mawr WS, SO01 97, Montgomeryshire Flora Group, det.A.K. Thorne., Jul 2013; (+) riverside woodland, Llanfair Caereinion [Coed y Deri], SJ09 06, A.K. Thorne., W.I.J. Thorne, det.A.K. Thorne., 3rd Sep 2011.
- *151/2.6.b. **Luzula multiflora subsp. congesta**. Lakeside, Llyn Mawr WS, SO01 97, Montgomeryshire Flora Group, det.A.K. Thorne., Jul 2013.
- +153/39.7. **Agrostis canina** (Velvet Bent) (Maeswellt y C^h). Roadside, Dolfor (S of), SO11 84, T. Stretton, A. Foster, 11th Jul 2014, both sides, RVNR cM15.
- +153/49.2. **Phleum bertolonii** (Smaller Cat's-tail) (Rhonwellt Penfain). Trackside, Cemmaes (Glyn Ceirig), SH81 06, A.K. Thorne., W.I.J. Thorne, 9th Sep 2012; (+) grassland, scrub, Hyssington, SO31 95, A.K. Thorne., W.I.J. Thorne, 22nd Aug 2012.
- +‡153/60.1.© **Triticum aestivum** (Bread Wheat) (Gwenith). Between brick wall and pavement, Newtown, SO11 91, A.J. Hotchkiss, 2012, naturalised; (+) development site., Coed y Dinas, Welshpool, SJ222 056, S.P. Chambers, 2005, central GR.
- +153/64.1. **Phragmites australis** (Common Reed) (Corsen). Pool, Llyn Coed y Dinas, SJ22 05, T. Stretton, C. Faulkner, 19th Jun 2009, central GR SJ223052.
- *‡158/25.1. **Nectaroscordum siculum** (Honey Garlic) (Garlleg y Mêl). On shady hedgebank, Llanrhaeadr-ym-mochnant (W of), SJ1128 2657, S. Swindells, 14th Jun 2014, quite a few flowering plants. Introduced-naturalised.
- +162/13.1. **Platanthera chlorantha** (Greater Butterfly-orchid) (Tegeirian Llydanwyrdd). Llechwedd Du WS, SJ006 198, T. Stretton, C. Faulkner, 2007, 70+ spikes. Previous record at same location in 1990 (LL)

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- *‡020/1.1. **Abies grandis** (Giant Fir) (Ffynidwydden Fawr). Llanelltyd, SH71 19, P.R. Green & R.A. Jones, 7th Aug 2014, self-sown.
- *†028/06.1.b×var. **Aconitum napellus subsp. vulgare** × **A. variegatum L. (A. × stoerkianum)**. Amongst brambles, Bontddu, SH676 188, P.R. Green, 5th Aug 2014.
- *‡029/2. **Mahonia aquifolium** (Oregon-grape) (Mahonia Dail Celynnog). Dolserau, SH754 195, P.R. Green, 8th Aug 2014.
- *036/1.1.b. **Urtica dioica subsp. galeopsifolia**. Coed Ystumgwern, SH52X, P.R. Green, 6th Aug 2014.
- *‡039/2.2. **Nothofagus alpina** (Rauli) (Ffawydden Ddeheuol Rauli). Wood, Bont Newydd-Rhos-wen, SH713 408, BSBI Rubus Workshop, det.D.A. Broughton, 26th Jul 2014, at least two generations at site.
- †043/1.08. **Chenopodium polyspermum** (Many-seeded Goosefoot) (Troed-yr-wydd Amlhadog). Wayside, SH594 190, E.J. McDonnell & C.M. Lovatt, 6th Aug 2014; (□) Ty Newydd, Dyffryn Ardudwy, SH584 242, S.E. Stille & Caerdeon group,

- det.P.R. Green, 6th Aug 2014; (☉) Barmouth, SH615 155, E.J. McDonnell & C.M. Lovatt, 6th Aug 2014; (☉) Bontddu, SH677 188, P.R. Green, 5th Aug 2014, previously only recorded three times in the vice-county; (☉) Penmaenpool, SH703 186, P.R. Green, 8th Aug 2014.
- *‡043/1.13. **Chenopodium ficifolium** (Fig-leaved Goosefoot) (Troed-yr-wydd Dail Ffigys). Dunes, Barmouth, SH612 155, E.J. McDonnell & C.M. Lovatt, 5th Aug 2014; (*) farmyard, Penmaenpool, SH703 186, P.R. Green, 8th Aug 2014.
- +046/16.1.‡ **Spergularia arvensis** (Corn Spurrey) (Troellig yr yd). Wayside, SH594 190, E.J. McDonnell & C.M. Lovatt, 6th Aug 2014.
- *047/8.13.c. **Rumex crispus subsp. uliginosus**. Llandanwg, SH569 285, E.J. McDonnell & C.M. Lovatt, 7th Aug 2014.
- *062/14.1. **Cardamine bulbifera** (Coralroot) (Deintwraidd). Pant Lludw, SH70F, A.O. Chater, 18th May 2014.
- *‡062/16.1. **Aubrieta deltoidea** (Aubretia) (Cynfas Biws). Pavement weed, Dyffryn Ardudwy, SH58 23, E.J. McDonnell & C.M. Lovatt, 8th Aug 2014.
- *‡065/8.1. **Gaultheria shallon** (Shallon) (Gweunlwyn Sialon). Pant Lludw, SH70F, A.O. Chater, 18th May 2014.
- +‡069/4.5. **Lysimachia punctata** (Dotted Loosestrife) (Trewyn Brych). Coed Ystumgwern, SH52X, S.E. Stille & Caerdeon group, det.D. Donald, 6th Aug 2014.
- +‡073/1.3. **Crassula helmsii** (New Zealand Pigmyweed) (Corchwyn Seland Newydd). Cors Coch, SH70 34, S.E. Stille & Caerdeon group, det.G.M. Kay, 8th Aug 2014.
- *‡074/05.10. **Saxifraga hirsuta** (Kidney Saxifrage) (tormaen blewog). Pant Lludw, SH70F, A.O. Chater, 18th May 2014.
- ☉075/08.0.01. **Rubus chamaemorus** (Cloudberry) (Llwyn Mwyar y Berwyn). Trum y Sarn, SH758 383, G. Elias, 15 07 2014, first confirmed record in VC48 outwith the Berwyn range; (☉) Llyn Conglog-bach, SH996 304, J. Dustow, 10th Jun 2013.
- ☉075/08.01.023. **Rubus nessensis**. Track near car park, Llyn Trawsfynydd, SH698 382, BSBI Rubus Workshop, det.D.P. Earl & R.D. Randall, 26th Aug 2014, first hectad record.
- ☉075/08.02.057. **Rubus lentiginosus**. Roadsides, Bont Newydd, SH71 40, BSBI Rubus Workshop, det.D.P. Earl & R.D. Randall, 26th Aug 2014.
- *075/08.02.075. **Rubus purbeckensis**. Track near car park, Llyn Trawsfynydd, SH698 382, BSBI Rubus Workshop, det.R.D. Randall, 26th Aug 2014, **Herb. RDR**
- +075/08.06.154. **Rubus lanaticaulis**. Bont Newydd, SH71 40, BSBI Rubus workshop, det.D.P. Earl & R.D. Randall, 26th Jul 2014, first hectad record and first VC record since 1971.
- *‡075/32.39. **Cotoneaster franchetii** (Franchet's Cotoneaster) (Cotoneaster Franchet). Barmouth north, SH607 161, E.J. McDonnell & C.M. Lovatt, 7th Aug 2014.
- ☉079/2.3. **Myriophyllum spicatum** (Spiked Water-milfoil) (Myrdd-ddail Ysbigog). Ditch by footpath, Talsarnau, SH609 362, Merioneth Naturalists/Grwp Natur Meirionnydd, 25th Sep 2014; (☉) lake, Llyn Oror, SJ04Y, Merioneth Naturalists/Grwp Natur Meirionnydd, 26th Jun 2014.

- *‡080/1.1. **Gunnera tinctoria** (Giant-rhubarb) (Rheonllys Mawr). Ystumgwern, SH58 24, Merioneth Naturalists/Grwp Natur Meirionnydd, 24th Apr 2014; (*) Pant Lludw, SH70F, A.O. Chater, 18th May 2014.
- *‡085/2.1. **Aucuba japonica** (Spotted-laurel) (Coeden Frech Felen). Pant Lludw, SH70F, A.O. Chater, 18th May 2014.
- *‡093/1.1. **Vitis vinifera** (Grape-vine) (Gwinwydden). Field fence, Bontddu, SH678 187, P.R. Green, 5th Aug 2014.
- *‡102/1.04. **Oxalis exilis** (Least Yellow-sorrel) (Suran Felen Fach). Entrance to caravan park, Bennar, SH57 22, A.N. Graham & Caerdeon group, 6th Aug 2014, 1st and 2nd VC records; (*) Barmouth North, SH60 16, E.J. McDonnell & C.M. Lovatt, 7th Aug 2014.
- *103/1.05. **Geranium sylvaticum** (Wood Crane's-bill) (Pig-yr-aran Coed). Hafotty Llwybr Dibyn, SH920 183, J.T. Hughes, 7th Jun 2014, 9 plants, with *Primula vulgaris*, *Geum rivale* and *Alchemilla glabra* on steamside.
- *‡103/1.06. **Geranium psilostemon** (Armenian Crane's-bill) (Pig-yr-aran Lygatddu). Rhyd, SH63 42, Merioneth Naturalists/Grwp Natur Meirionnydd, 23rd Oct 2014.
- *‡103/1.13×pla. **Geranium ×magnificum** (Purple Crane's-bill) (Pig-yr-aran Borffor). Roadside by field, Llandanwg, SH569 285, E.J. McDonnell & C.M. Lovatt, 7th Aug 2014.
- *110/2.1. **Lycium barbarum** (Duke of Argyll's Teaplant) (Ysbeinwydden Hardd). Llandanwg, SH569 282, E.J. McDonnell & C.M. Lovatt, 7th Aug 2014, a single shrub.
- *‡110/9.1.© **Datura stramonium** (Thorn-apple) (Afal Dreiniog). Barmouth, SH614 155, E.J. McDonnell & C.M. Lovatt, 5th Aug 2014, 3 small plants in municipal flower bed.
- +©110/PET.axi×int. **Petunia ×hybrida** (Petunia) (Petwniâu). A single plant, Wayside, SH594 190, E.J. McDonnell & C.M. Lovatt, 6th Aug 2014.
- *‡111/3.4.dis. **Calystegia silvatica subsp. disjuncta**. Llanaber, SH59 18, E.J. McDonnell & C.M. Lovatt, 6th Aug 2014, 1st & 2nd VC records for the subsp; (*) Barmouth north, SH60 16, E.J. McDonnell & C.M. Lovatt, 7th Aug 2014.
- *113/2.1. **Nymphoides peltata** (Fringed Water-lily) (Lili'r-dŵr Eddiög). Small lake, Llyn Oror, SJ087 471, Merioneth Naturalists/Grwp Natur Meirionnydd, 26th Jun 2014.
- *‡116/02.4. **Echium pininana** (Giant Viper's-bugloss) (Gwiberlys Mawr). Barmouth north, SH61 16, E.J. McDonnell & C.M. Lovatt, 7th Aug 2014.
- *‡116/04.1×2×4. **Symphytum ×hidcotense [Symphytum 'Hidcote Blue'] (S. officinale × S. asperum × S. grandiflorum)** (Hidcote Comfrey) (Cyfardwf Hidcote). Wood, Llanelltyd, SH720 194, P.R. Green & R.A. Jones, 7th Aug 2014.
- *‡117/1.bon. **Verbena bonariensis** (Argentinian Vervain) (Ferfain yr Ariannin). Barmouth north, SH61 16, E.J. McDonnell & C.M. Lovatt, 6th Aug 2014.
- *‡118/01.2. **Stachys byzantina** (Lamb's-ear) (Clust yr Oen). Pavement weed, Dyffryn Ardudwy, SH58 23, E.J. McDonnell & C.M. Lovatt, 8th Aug 2014.

- *†118/05.4. **Lamium hybridum** (Cut-leaved Dead-nettle) (Marddanhadlen Dorddail). Municipal flowerbed, Barmouth, SH61 15, E.J. McDonnell & C.M. Lovatt, 5th Aug 2014.
- +118/22.1. **Lycopus europaeus** (Gypsywort) (Llysiau'r Sipsiwn). Llyn Oror, SJ04Y, Merioneth Naturalists/Grwp Natur Meirionnydd, 26th Jun 2014.
- *‡118/LAV.ang. **Lavandula angustifolia** (Garden Lavender). Pavement weed, Harlech, SH58 31, E.J. McDonnell & C.M. Lovatt, 8th Aug 2014.
- 124/16.12. **Veronica catenata** (Pink Water-Speedwell) (Graeanllys-y-dwr Rhosliw). Bennar, Ysgethin north, SH57 21, A.N. Graham & Caerdeon group, 6th Aug 2014.
- *‡129/1.9. **Campanula portenschlagiana** (Adria Bellflower) (Clychlys Adria). Walls, Dyffryn Ardudwy, SH58 23, E.J. McDonnell & C.M. Lovatt, 8th Aug 2014; (*) Barmouth north, SH60 16, E.J. McDonnell & C.M. Lovatt, 7th Aug 2014.
- *135/11.deb. **Centaurea debeauxii** (Slender Knapweed). Churchyard, Llanaber, SH599 179, E.J. McDonnell & C.M. Lovatt, 6th Aug 2014.
- *135/25.05.39. **Taraxacum euryphyllum** (Wide-stalked Dandelion). Trawsfynydd, SH698 384, T.C.G. Rich & C. Gait, 25th Apr 2014.
- *135/25.07.58 **Taraxacum cambricum** (Welsh Dandelion). Pont Dolgefeiliau, SH719 269, T.C.G. Rich & C. Gait, 25th Apr 2014.
- *135/25.07.61. **Taraxacum excellens** (Purple-blotched Dandelion). Pont Dolgefeiliau, SH719 269, T.C.G. Rich & C. Gait, 25th Apr 2014.
- *135/25.07.83. **Taraxacum unguilobum** (Claw-lobed Dandelion). Tyddyn-du, SH692 396, T.C.G. Rich & C. Gait, 25th Apr 2014.
- *‡135/25.08.93. **Taraxacum lancidens** (Spear-toothed Dandelion). Tyddyn-du, SH692 396, T.C.G. Rich & C. Gait, 25th Apr 2014.
- *135/25.09.111. **Taraxacum ancistrolobum** (Few-lobed Dandelion). Pont Dolgefeiliau, SH719 269, T.C.G. Rich & C. Gait, 25th Apr 2014.
- *‡135/25.09.115. **Taraxacum aurosulum** (Tailed Dandelion). Tyddyn-du, SH692 396, T.C.G. Rich & C. Gait, 25th Apr 2014.
- *‡135/25.09.127. **Taraxacum densilobum** (Close-lobed Dandelion). Pont Dolgefeiliau, SH719 269, T.C.G. Rich & C. Gait, 25th Apr 2014.
- *‡135/25.09.140 **Taraxacum horridifrons** (Prickly-leaved Dandelion). Tyddyn-du, SH692 396, T.C.G. Rich & C. Gait, 25th Apr 2014.
- *135/27.2.trl. **Pilosella officinarum subsp. tricholepia** (a subspecies of Mouse-ear-hawkweed). Pant Lludw, SH70F, A.O. Chater, 18th May 2014.
- +135/28.09.142. **Hieracium orimeles** (Pale Hawkweed). Llyn Bodlyn S, SH647 235, M.W. Rand, R.A. Jones & H.M. Proctor, 6th Aug 2014, recorded as the agg. On cliffs near wet gully at W end of cliff.
- *‡135/43.1. **Erigeron glaucus** (Seaside Daisy) (Amrhydlywyd Arfor). Llandanwg, SH56 28, E.J. McDonnell & C.M. Lovatt, 7th Aug 2014; (*) Dyffryn Ardudwy, SH58 23, S.E. Stille & Caerdeon group, 6th Aug 2014, 1st - 4th Vice-county records; (*) Barmouth North, SH60 16, E.J. McDonnell & C.M. Lovatt, 7th Aug 2014; (*) seaside walls, Barmouth, SH61 15, E.J. McDonnell & C.M. Lovatt, 5th Aug 2014.

- +‡135/80.2.© **Galinsoga quadriradiata** (Shaggy-soldier) (Galinsoga Blewog). Wayside, SH595 189, E.J. McDonnell & C.M. Lovatt, 6th Aug 2014.
- *138/1.1. **Hydrocharis morsus-ranae** (Frogbit) (Ffugalaw Bach). Ditch, Bennar north, SH569 231, A.N. Graham & J.E. Graham, 12th Aug 2014.
- +‡138/4.2. **Elodea nuttallii** (Nuttall's Waterweed) (Ffugalaw Nuttall). Cors Coch, SH70 34, S.E. Stille & Caerdeon group, 8th Aug 2014.
- *142/1.19. **Potamogeton crispus** (Curled Pondweed) (Dyfrillys Crych). Llyn Oror, SJ091 472, Merioneth Naturalists/Grwp Natur Meirionnydd, 26th Jun 2014.
- +152/16.01×15. **Carex ×boeninghausiana (C. paniculata × C. remota)**. Lakeside, Llyn Wylfa, SH67 16, S.E. Stille & Caerdeon group, 5th Aug 2014, 2nd VC record and first since 1987-1999.
- +152/16.26 **Carex riparia** (Greater Pond-sedge) (Hesgen-y-dŵr Fawr). Wayside, SH592 193, E.J. McDonnell & C.M. Lovatt, 6th Aug 2014.
- +152/16.28×29. **Carex ×involuta**. Lakeside, Crogen, SJ03D, S.E. Stille & H. Guyon, conf. M.S. Porter, 25th Jun 2014, new hectad record for this Rare Plant Register species.
- +152/16.57. **Carex limosa** (Bog-sedge) (Hesgen Eurwerdd). Cwm Camlan, SH72C, G.M. Kay & Caerdeon group, conf. , 7th Aug 2014, new hectad record for this RPR taxon; (+) Waun y Griafolen, SH810 389, A.N. Graham & D.O. Elias, conf. , 3rd Aug 2014, new hectad record for this RPR taxon.
- *‡153/05.1 **Pseudosasa japonica** (Arrow Bamboo) (Bambŵ'r Saethau). Pant Llundw, SJ70F, A.O. Chater, 18th May 2014.
- *153/12.07.c. **Festuca rubra subsp. litoralis**. Gogarth Halt, SN67 97, S.E. Stille & A. Seddon, 23rd Apr 2014; (*) Morfa Harlech, SH57 35, S.E. Stille, M.W. Rand & A.N. Graham, 24th Oct 2014; (*) Ynys, SH53X, S.E. Stille, M.W. Rand & J.M. Langton, 26th Sep 2014; (*) Talsarnau, SH60 36, Merioneth Naturalists/Grwp Natur Meirionnydd, 25th Sep 2014.
- +153/12.09. **Festuca vivipara** (Viviparous Sheep's-fescue) (Peiswellt Bywhiliog). Castell Prysor SSSI, SH76 37, A. Seddon, 24th Jun 2014.
- *153/12.14. **Festuca longifolia** (Blue Fescue) (Peiswellt Glas). Llanaber, SH59 17, E.J. McDonnell & C.M. Lovatt, 6th Aug 2014.
- *153/13.1×2.© **Lolium ×boucheanum**. Farchynys, SH66 18, P.R. Green, 5th Aug 2014.
- *‡153/59.1. **Hordeum distichon** (Two-rowed Barley) (Haidd Dwyresog). Harlech, SH58 31, C.M. Lovatt & E.J. McDonnell, 8th Aug 2014.
- *‡153/PAN.mil. **Panicum miliaceum** (Common Millet) (Miled). Pavement weed, Dyffryn Ardudwy, SH58 23, E.J. McDonnell & C.M. Lovatt, 8th Aug 2014; (*) Barmouth, SH61 15, E.J. McDonnell & C.M. Lovatt, 5th Aug 2014.
- *‡158/ERY.den. **Erythronium dens-canis** (Dog's-tooth-violet) (Lili'r Brithyll). Pant Llundw, SH70F, A.O. Chater, 18th May 2014.
- *‡160/1.glo. **Yuca gloriosa** (Spanish-dagger). Dunes, Ynys Giffan, SH60 36, Merioneth Naturalists/Grwp Natur Meirionnydd, 25th Sep 2014.
- *‡160/4.1. **Phormium tenax** (New Zealand Flax) (Llin Seland Newydd). Morfa Harlech, SH557 344, A.N. Graham & J.E. Graham, 26th Feb 2014, photograph.

+162/06.2. **Neottia cordata** (Lesser Twayblade) (Caineirian Bach). Llyn Cwm-mynach, SH680 234, K. Jones-Mattock, Spring 2014

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

+027/1.1. **Ceratophyllum demersum** (Rigid Hornwort) (Cyrnddail Caled). Pond, Parc Menai, Bangor, SH54 69, J.H. Bratton, 5th Oct 2013.

+©028/05.1. **Nigella damascena** (Love-in-a-mist) (Glas y Niwl). Paving cracks near sea front café, Llandrillo-yn-Rhos, SH84 80, W. McCarthy, 29th Nov 2014.

+‡032/1.occ×ori. **Platanus ×hispanica** (London Plane) (Planwydden Llundain). Car park near river, Llanrwst, SH79 61, W. McCarthy, 29th Aug 2014.

+‡043/1.13. **Chenopodium ficifolium** (Fig-leaved Goosefoot) (Troed-yr-^ydd Dail Ffigys). Soil dump in car park, Llanrwst, SH79 61, W. McCarthy & M. Stead, 29th Aug 2014.

+045/3.1.d. **Montia fontana subsp. chondrosperma**. Limestone grassland, Little Orme, Llandudno, SH81 82, W. McCarthy, 6th Mar 2014, with *Rumex acetosella* & *Umbilicus rupestris*.

+046/05.3. **Stellaria pallida** (Lesser Chickweed) (Gwlyddyn-y-dom Bach). Sandy grassland near the sea, Llanfairfechan, SH66 74, W. McCarthy, 13th Apr 2014.

*©046/20.coe. **Silene coeli-rosa** (Rose-of-heaven) (Rhosyn y Nefoedd). Long grass at roadside, Conwy, SH75 78, J. Driver, conf. W. McCarthy, 4th Jul 2014, one plant in long grass, far from houses. First record.

+‡047/1.07. **Persicaria amplexicaulis** (Red Bistort) (Y Ganwraidd Goch). Roadside bank, Llandygai, SH59 70, W. McCarthy, 20th Sep 2014.

+061/2.11×12. **Salix ×multinervis**. Side of farm track, Blaenau Dolwyddelan, SH69 50, W. McCarthy & P.R. Green, 5th Sep 2014.

+062/12.1×2. **Rorippa ×sterilis (R. nasturtium-aquaticum × R. microphylla)** (Hybrid Water-cress) (Berwr-y-d^r Croesryw). Near well in field, Great Orme, Llandudno, SH77 83, W. McCarthy, Jul 2014.

*‡062/14.cor. **Cardamine corymbosa** (New Zealand Bitter-cress) (Berwr Chwerw Seland Newydd). Flower beds in botanic garden, Treborth, Bangor, SH55 71, P.R. Green, 16th Mar 2013, first record.

*‡069/4.4. **Lysimachia ciliata** (Fringed Loosestrife) (Trewyn Eddïog). Roadside hedge, Penmachno, SH80 51, D. Broughton, 25th Jul 2014.

+‡073/1.3. **Crassula helmsii** (New Zealand Pigmyweed) (Corchwyn Seland Newydd). Pond, Methem, Rhydlios, SH17 30, W. McCarthy, 24th May 2014.

+‡075/08.0.02. **Rubus tricolor** (Chinese Bramble) (Llwyn Mwyar Trilliw). Disturbed waste ground, Parc Menai, Bangor, SH54 69, W. McCarthy, conf. P.R. Green, 27th Apr 2014.

□075/08.02.057. **Rubus lentiginosus**. Forestry track, Gwydyr Uchaf, SH79 60, BSBI Rubus training meeting, det.D.P. Earl and R.D. Randall, 27th Jul 2014; (□) tracks

- south of road, Sychnant Pass, Conwy, SH75 76, BSBI Rubus training meeting, det.D.P. Earl and R.D. Randall, 27th Jul 2014.
- ◻075/08.03.090. **Rubus amplificatus**. Forestry track, Coed Aberllyn, Trefriw, SH79 57, R.D.Randall, 24th Jul 2014; (◻) roadside B5106, North of Cwm Llannerch, Penmachno, SH80 58, R.D.Randall, 0000.
- +075/08.03.101. **Rubus dumnoniensis**. Field hedge, Near Penmachno, SH80 52, BSBI Rubus training meeting, det.D.P. Earl, 25th Jul 2014.
- +075/08.03.106. **Rubus incurvatus**. Roadside B5106, North of Cwm Llannerch, Penmachno, SH80 58, R.D.Randall, 25th Jul 2014.
- +075/08.03.112. **Rubus nemoralis** (Boreal Bramble). Roadside B5106, Near Penmachno, SH80 52, BSBI Rubus training meeting, det.D.P. Earl, 25th Jul 2014.
- +075/08.03.117. **Rubus polyanthemus**. Roadside B5106, North of Cwm Llannerch, Penmachno, SH80 51, BSBI Rubus training meeting, det.D.P. Earl, 25th Jul 2014.
- +‡075/08.05.134. **Rubus armeniacus**. Waste ground, Llandudno, SH78 81, W. McCarthy, conf. D.P.Earl 27/7/14, 6th Jul 2013, first record; (+) derelict site near church, Llandrillo-yn-Rhos, SH84 80, W. McCarthy, 29th Nov 2014.
- ◻075/08.06.159. **Rubus ordovicum**. Roadside B5106, North of Cwm Llannerch, Penmachno, SH80 58, R.D.Randall, 25th Jul 2014; (◻) roadside, Between Betws-y-Coed and Cwmlanerch, SH7956/SH7957, R.D.Randall, 24th Jul 2014.
- +075/08.06.163. **Rubus vestitus**. Forestry track, Near Gwydyr Uchaf, SH79 60, BSBI Rubus training meeting, det.D.P. Earl, 27th Jul 2014; (+) roadside B5106, North of Cwm Llannerch, Penmachno, SH80 58, R.D.Randall, 0000.
- +075/08.10.242. **Rubus longithyriger**. Roadside B5106, North of Cwm Llannerch, Penmachno, SH80 59, R.D.Randall, 0000.
- +075/08.11.270. **Rubus hylocharis**. Nature trail, Coed y Mynydd, Betws-y-Coed, SH78 56, R.D.Randall, 24th Jul 2014.
- ◻075/08.11.287. **Rubus semiglaber**. Footpath in forestry, Cae'n-y-coed, Betws-y-coed, SH76 57, BSBI Rubus training meeting, det.D.P. Earl and R.D. Randall, 25th Jul 2014.
- +075/08.11.seg. **Rubus segontii**. Forestry track, Near Gwydyr Uchaf, SH79 60, BSBI Rubus training meeting, det.D.P. Earl, 27th Jul 2014, **Herb. RDR**
- *075/08.13.311. **Rubus intensor**. Forestry track and B5106 nearby, Coed Aberllyn, Trefriw, SH79 57, R.D.Randall, 24th Jul 2014, first record; (◻) forestry track, Gwydyr Uchaf, SH79 60, BSBI Rubus training meeting, det.D.P. Earl and R.D. Randall, 27th Jul 2014, second record.
- +‡075/32.22. **Cotoneaster hjelmqvistii** (Hjelmqvist's Cotoneaster) (Cotoneaster Hjelmqvist). Limestone grassland, Little Orme, Llandudno, SH81 82, W. McCarthy, 4th Jun 2014.
- +079/2.3. **Myriophyllum spicatum** (Spiked Water-milfoil) (Myrdd-ddail Ysbigog). Pool, Parc Bryn Cegin, Bangor, SH58 70, J.H. Bratton, 30th May 2013.
- +‡091/2.17.b. **Euphorbia characias subsp. veneta [wulfenii]**. Scrub near houses, Little Orme, Llandudno, SH81 82, W. McCarthy, 4th Jun 2014.
- +‡099/1.1. **Acer platanoides** (Norway Maple) (Masarnen Norwy). Track side, Little Orme, Llandudno, SH81 81, W. McCarthy, 4th Jun 2014.

- +103/1.10. **Geranium columbinum** (Long-stalked Crane's-bill) (Pig-yr-aran Hirgoes). Dry grass bank, Bangor, SH56 71, W. McCarthy, 16th Jun 2014.
- +‡110/7.1.© **Solanum lycopersicum** (Tomato) (Tomato). River shingle, Tal y Bont, SH60 69, W. McCarthy & M. Stead, 20th Sep 2014; (+) river shingle, Tal y Bont, SH60 70, W. McCarthy & M. Stead, 20th Sep 2014.
- +‡116/03.1. **Pulmonaria officinalis** (Lungwort) (Llyysiau'r Ysgyfaint). Dumped soil in lane, Tal y Bont, SH60 70, E. Phenna, 24th Apr 2014.
- +‡116/12.2.© **Amsinckia micrantha** (Common Fiddleneck) (Amsincia). Near hay stack in field, Sychnant, Conwy, SH74 77, W. McCarthy, 1st Jun 2014, many plants.
- +‡118/21.1. **Thymus vulgaris** (Garden Thyme) (Teim y Gerddi). Wall base below garden, Great Orme, Llandudno, SH77 82, W. McCarthy & E. Phenna, 2nd Jul 2014, self sown from garden above wall.
- +‡122/1.3. **Buddleja globosa** (Orange-ball-tree) (Coeden-fêl Peli Oren). Ditch bank near holiday park, Black Rock Sands, SH53 37, M. Stead, conf. W. McCarthy, 28th Jun 2014.
- +‡124/17.ell×spe. **Hebe ×franciscana (H. elliptica × H. speciosa)** (Hedge Veronica) (Pedwar-ban-byd y Berth). Between sea defence boulders on sea front, Llandrillo-yn-Rhos, SH84 81, W. McCarthy & M. Stead, det. W. McCarthy, 29th Nov 2014.
- +‡131/1.4. **Sambucus ebulus** (Dwarf Elder) (Ysgawen Fair). Roadside flowerbed, Dolwyddelan, SH72 52, P.R. Green, 5th Sep 2014.
- ⊗135/15.2. **Hypochaeris glabra** (Smooth Cat's-ear) (Melynydd Moel). Sandy grassland, Morfa Dinlle, SH4360/SH4359, W. McCarthy, 5th Jun 2014, first records since at least 1969.
- +†135/22.1. **Lactuca serriola** (Prickly Lettuce) (Letusen Bigog). Waste ground, Llandudno, SH78 82, W. McCarthy, 6th Aug 2014.
- *135/25.01.18. **Taraxacum proximiforme** (Straw-fruited Dandelion). Limestone bank, Great Orme, Llandudno, SH77 82, W. McCarthy, det. A.J. Richards, 25th Apr 2014, first record.
- *135/25.01.28. **Taraxacum wallonicum** (Belgium Dandelion). Rockery garden, Treborth, Bangor, SH55 71, BSBI Taraxacum training meeting, det. A.J. Richards, 25th Apr 2014, first record; (☉) neutral grassland, Eithinog, Bangor, SH56 70, BSBI Taraxacum training meeting, det. A.J. Richards, 27th Apr 2014, second record.
- *135/25.01.3. **Taraxacum argutum** (Sharp-toothed Dandelion). Grass verge, Treborth, Bangor, SH55 70, BSBI Taraxacum training meeting, det. A.J. Richards, 25th Apr 2014, first record; (☉) path side, Eithinog, Bangor, SH56 70, BSBI Taraxacum training meeting, det. A.J. Richards, 27th Apr 2014, second record.
- *135/25.07.55. **Taraxacum bracteatum** (Dark-green Dandelion). Grass verge, Treborth, Bangor, SH55 70, BSBI Taraxacum training meeting, det. A.J. Richards, 25th Apr 2014, first record.
- ⊖135/25.07.56. **Taraxacum britannicum** (British Dandelion). Neutral grassland, Parc Menai, Bangor, SH54 69, BSBI Taraxacum training meeting, det. A.J. Richards,

- 27th Apr 2014, second record; (*) rockery, Treborth, Bangor, SH55 71, BSBI Taraxacum training meeting, det. A.J. Richards, 25th Apr 2014, first record.
- *135/25.07.58 **Taraxacum cambricum** (Welsh Dandelion). Grass verge, Treborth, Bangor, SH55 70, BSBI Taraxacum training meeting, det. A.J. Richards, 25th Apr 2014, first record.
- 135/25.07.60. **Taraxacum duplidentifrons** (Double-toothed Dandelion). Grass by car park, Borth-y-Gest, Porthmadog, SH56 37, T.C.G. Rich & C. Gait, det.T.C.G. Rich, 27th Apr 2014; (☐) neutral grassland, Parc Menai, Bangor, SH54 69, BSBI Taraxacum training meeting, det. A.J. Richards, 27th Apr 2014; (☐) grass bank, Treborth, Bangor, SH54 70, BSBI Taraxacum training meeting, det. A.J. Richards, 25th Apr 2014.
- 135/25.08.84. **Taraxacum atactum** (Narrow-bracted Dandelion). Neutral grassland, Parc Menai, Bangor, SH54 69, BSBI Taraxacum training meeting, det. A.J. Richards, 27th Apr 2014; (☐) grass bank, Treborth, Bangor, SH54 70, BSBI Taraxacum training meeting, det. A.J. Richards, 25th Apr 2014; (☐) a470 roadside verge, Fairy Glen, Betws y Coed, SH79 54, T.C.G. Rich & C. Gait, det. A.J. Richards, 25th Apr 2014.
- 135/25.08.85. **Taraxacum boekmanii** (Bokman's Dandelion). Grass by car park, Borth-y-Gest, Porthmadog, SH56 37, T.C.G. Rich & C. Gait, det.T.C.G. Rich, 27th Apr 2014; (☐) neutral grassland, Parc Menai, Bangor, SH54 69, BSBI Taraxacum training meeting, det. A.J. Richards, 27th Apr 2014.
- *135/25.08.87. **Taraxacum hamatiforme** (Asymmetrical Hook-lobed Dandelion). Bank under hedge, Treborth, Bangor, SH55 70, BSBI Taraxacum training meeting, det. A.J. Richards, 25th Apr 2014, first record.
- 135/25.08.88. **Taraxacum hamatululum** (Slender Hook-lobed Dandelion). Grass by car park, Borth-y-Gest, Porthmadog, SH56 37, T.C.G. Rich & C. Gait, det.T.C.G. Rich, 27th Apr 2014; (*) grass bank, Treborth, Bangor, SH54 70, BSBI Taraxacum training meeting, det. A.J. Richards, 25th Apr 2014, first record.
- *135/25.08.90. **Taraxacum hamiferum** (Dark Hook-lobed Dandelion). Neutral grassland, Parc Menai, Bangor, SH54 69, BSBI Taraxacum training meeting, det. A.J. Richards, 27th Apr 2014, first record; (☐) raised bank by path, Eithinog, Bangor, SH56 70, BSBI Taraxacum training meeting, det. A.J. Richards, 27th Apr 2014, first record.
- *135/25.08.94. **Taraxacum marklundii** (Marklund's Dandelion). Neutral grassland, Parc Menai, Bangor, SH54 69, BSBI Taraxacum training meeting, det. A.J. Richards, 27th Apr 2014, first record.
- 135/25.08.98. **Taraxacum pseudohamatum** (False Hook-lobed Dandelion). Grass by car park, Borth-y-Gest, Porthmadog, SH56 37, T.C.G. Rich & C. Gait, det.T.C.G. Rich, 27th Apr 2014.
- *135/25.08.sah. **Taraxacum sahlinianum** (Sahlin's Dandelion). Neutral grassland, Eithinog, Bangor, SH56 70, BSBI Taraxacum training meeting, det. A.J. Richards, 27th Apr 2014, first record.

- *‡135/25.09.103. **Taraxacum acroglossum** (Broad-bracted Dandelion). Neutral grassland, Parc Menai, Bangor, SH54 69, BSBI Taraxacum training meeting, det. A.J. Richards, 27th Apr 2014.
- *135/25.09.111. **Taraxacum ancistrolobum** (Few-lobed Dandelion). A470 roadside verge, Fairy Glen, Betws y Coed, SH79 54, T.C.G. Rich & C. Gait, det.T.C.G. Rich, 25th Apr 2014, first record.
- 135/25.09.121. **Taraxacum cordatum** (Entire-lobed Dandelion). Grass by car park, Borth-y-Gest, Porthmadog, SH56 37, T.C.G. Rich & C. Gait, det.T.C.G. Rich, 27th Apr 2014.
- ‡135/25.09.122. **Taraxacum corynodes** (Dense-lobed Dandelion). Grass by car park, Borth-y-Gest, Porthmadog, SH56 37, T.C.G. Rich & C. Gait, det.T.C.G. Rich, 27th Apr 2014, second record; (*) neutral grassland, Parc Menai, Bangor, SH54 69, BSBI Taraxacum training meeting, det. A.J. Richards, 27th Apr 2014, first record.
- *135/25.09.147. **Taraxacum lingulatum** (Long-bracted Dandelion). Neutral grassland, Parc Menai, Bangor, SH54 69, BSBI Taraxacum training meeting, det. A.J. Richards, 27th Apr 2014, first record.
- *‡135/25.09.149. **Taraxacum laeticolor** (Pale-stalked Dandelion). Neutral grassland, Parc Menai, Bangor, SH54 69, BSBI Taraxacum training meeting, det. A.J. Richards, 27th Apr 2014, second record.
- *135/25.09.150. **Taraxacum laticordatum** (Decumbent Dandelion). Grass bank, Treborth, Bangor, SH54 71, BSBI Taraxacum training meeting, det. A.J. Richards, 25th Apr 2014, first record.
- *135/25.09.151. **Taraxacum latisectum** (Broad-lobed Dandelion). A470 roadside verge, Fairy Glen, Betws y Coed, SH79 54, T.C.G. Rich & C. Gait, det. A.J. Richards, 25th Apr 2014, first record.
- *‡135/25.09.160. **Taraxacum lunare** (Lunar-lobed Dandelion). Neutral grassland, Parc Menai, Bangor, SH54 69, BSBI Taraxacum training meeting, det. A.J. Richards, 27th Apr 2014, first record.
- *‡135/25.09.175. **Taraxacum ochrochlorum** (Winged Dandelion). Grass verge, Treborth, Bangor, SH55 70, BSBI Taraxacum training meeting, det. A.J. Richards, 25th Apr 2014, first record.
- *‡135/25.09.177. **Taraxacum pachymerum** (Dirty-leaved Dandelion). Grass verge, Treborth, Bangor, SH55 70, BSBI Taraxacum training meeting, det. A.J. Richards, 25th Apr 2014, first record.
- *‡135/25.09.180. **Taraxacum pannucium** (Green-stalked Dandelion). Neutral grassland, Parc Menai, Bangor, SH54 69, BSBI Taraxacum training meeting, det. A.J. Richards, 27th Apr 2014, first record.
- *135/25.09.181. **Taraxacum pannulatiforme** (Tar-blotched Dandelion). Neutral grassland, Parc Menai, Bangor, SH54 69, BSBI Taraxacum training meeting, det. A.J. Richards, 27th Apr 2014, first record.
- ‡135/25.09.182. **Taraxacum pannulatum** (Brown-ribbed Dandelion). Neutral grassland, Parc Menai, Bangor, SH54 69, BSBI Taraxacum training meeting, det. A.J. Richards, 27th Apr 2014, second record; (*) grass verge, Treborth, Bangor,

- SH55 70, BSBI Taraxacum training meeting, det. A.J. Richards, 25th Apr 2014, first record.
- *‡135/25.09.194. **Taraxacum rhamphodes** (Robust Dandelion). Neutral grassland, Parc Menai, Bangor, SH54 69, BSBI Taraxacum training meeting, det. A.J. Richards, 27th Apr 2014, first record.
- *135/25.09.197. **Taraxacum sellandii** (Selland's Dandelion). Neutral grassland, Parc Menai, Bangor, SH54 69, BSBI Taraxacum training meeting, det. A.J. Richards, 27th Apr 2014, first record; (⊖) a470 roadside verge, Fairy Glen, Betws y Coed, SH79 54, T.C.G. Rich & C. Gait, det. A.J. Richards, 25th Apr 2014.
- ⊖135/25.09.199. **Taraxacum sinuatum** (Sinuate-lobed Dandelion). Neutral grassland, Neutral grassland, SH54 69, BSBI Taraxacum training meeting, det. A.J. Richards, 27th Apr 2014, second record; (*) grass verge, Treborth, Bangor, SH55 70, BSBI Taraxacum training meeting, det. A.J. Richards, 25th Apr 2014, first record; (⊖) a470 roadside verge, Fairy Glen, Betws y Coed, SH79 54, T.C.G. Rich & C. Gait, det. T.C.G. Rich, 25th Apr 2014.
- *‡135/25.09.214. **Taraxacum trilobatum** (Three-lobed Dandelion). A470 roadside verge, Fairy Glen, Betws y Coed, SH79 54, T.C.G. Rich & C. Gait, det. A.J. Richards, 25th Apr 2014, first record.
- ⊖135/25.09.217. **Taraxacum undulatum** (Wavy-leaved Dandelion). Neutral grassland, Parc Menai, Bangor, SH54 69, BSBI Taraxacum training meeting, det. A.J. Richards, 27th Apr 2014, second record; (*) grass verge, Treborth, Bangor, SH55 70, BSBI Taraxacum training meeting, det. A.J. Richards, 25th Apr 2014, first record.
- *‡135/25.09.coa. **Taraxacum coartatum** (Irregular-bracted Dandelion). Neutral grassland, Parc Menai, Bangor, SH54 69, BSBI Taraxacum training meeting, det. A.J. Richards, 27th Apr 2014, first record.
- +‡135/27.6. **Pilosella aurantiaca** (Fox-and-cubs) (Clust-y-llygoden Euraid). Grass bank above sea front, Llandrillo-yn-Rhos, SH84 81, W. McCarthy & M. Stead, 29th Nov 2014.
- +‡135/58.lac×max. **Leucanthemum ×superbum** (Shasta Daisy) (Y Llygad-llŷ Mwyaf). Edge of woodland, Pydew, SH80 78, W. McCarthy, 25th Oct 2014.
- +‡135/73.1.© **Calendula officinalis** (Pot Marigold) (Melyn Mair). Gutter outside houses, Llanfairfechan, SH68 74, E. Phenna, 20th Sep 2014.
- +‡151/1.02. **Juncus tenuis** (Slender Rush) (Brwynen Fain). Track in wood, Llandygai, SH59 70, W. McCarthy, 20th Sep 2014.
- +151/1.06. **Juncus foliosus** (Leafy Rush) (Brwynen Ddeiliog). Damp sandy grassland, Black Rock Sands, SH53 37, W. McCarthy, 28th Jun 2014.
- +152/16.07. **Carex spicata** (Spiked Sedge) (Hesgen Ysbigog Borffor). Forest track, Llanrwst, SH79 60, W. McCarthy, 27th Jul 2014.
- *152/16.64 **Carex aquatilis** (Water Sedge) (Hesgen y D^r). River bank, Nant Ffrancon, Bethesda, SH63 63, A. Turner & K. Birch, conf. A.O. Chater, 22/7/14, Jul 2013, first record.
- +‡153/60.1.© **Triticum aestivum** (Bread Wheat) (Gwenith). Sandy uncultivated field, Black Rock Sands, SH53 37, W. McCarthy, 28th Jun 2014.

- +‡153/68.1.© **Echinochloa crus-galli** (Cockspur) (Cibogwellt Rhydd). Walls & pavement edge, Llandrillo-yn-Rhos, SH84 80, W. McCarthy & M. Stead, det.W. McCarthy, 29th Nov 2014.
- +‡158/22.1. **Chionodoxa forbesii** (Glory-of-the-snow) (Glas yr Eira). Rough grassland, Above toll house, Happy Valley, Llandudno, SH78 83, W. McCarthy, 30th Mar 2014, 3 plants self sown from nearby council gardens.
- +162/13.1. **Platanthera chlorantha** (Greater Butterfly-orchid) (Tegeirian Llydanwyrdd). Unmown grassland, Penrhosgarnedd, SH55 70, T. Dyda, det.N.H. Brown, Jul 2014.
- +162/18.4. **Dactylorhiza praetermissa** (Southern Marsh-orchid) (Tegeirian-y-gors Deheuol). Dune slacks, Black Rock Sands, SH53 37, W. McCarthy, det.N.H. Brown, 28th Jun 2014.
- +162/23.3. **Ophrys apifera** (Bee Orchid) (Tegeirian y Wenynen). Sandy grassland near harbour, Pwllheli, SH37 34, C. Griffiths, 21st Jun 2011

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

- *007/3.1. **Adiantum capillus-veneris** (Maidenhair Fern) (Briger Gwener). Bron y Graig, SJ121 549, J. Palmer, 11th Aug 2014, introduced 50 years ago. Now found over a 50m length on tufa.
- ⊖017/3.03b. **Dryopteris cambrensis**. Pentre, SJ13719 34193, Denbs Group (D. Williams), 22nd Jun 2014, huge stand on S side of lane. **Herb. DW**
- +‡019/1.1. **Azolla filiculoides** (Water Fern) (Rhedynten y D^r). Lee's Wood, SJ418 416, P. Spencer-Vellacott & R.A. Jones, 26th Jun 2014, penley, Large pond by Footpath between Lee's Wood and Bryn Wood.
- +‡028/04.1. **Eranthis hyemalis** (Winter Aconite) (Bleidd-dag y Gaeaf). Bodnant, SH804 724, N.J. Osley, 10th Feb 2014, at least 10 flowers under mature *Fagus sylvatica* in 'The Old Park'.
- +‡028/06.1. **Aconitum napellus** (Monk's-hood) (Cwccwll y Mynach). Glyn Ceiriog, SJ20 37, M.O. Stead, 16th May 2014.
- *036/1.1.b. **Urtica dioica subsp. galeopsifolia**. Manley Wood, SJ34 41, Denbs Group (D. Williams), det.Green, P.R., 9th Aug 2014.
- +‡037/1.1. **Juglans regia** (Walnut) (Coeden Cnau Ffrenig). Wern, SJ4160 4759, M.O. Stead, 31st May 2014, east of river Dee.
- +040/3.1.‡ **Carpinus betulus** (Hornbeam) (Oestrwydden). Bryn Euryn, SH8286 8002, W. McCarthy, 1st Nov 2014, woodland edge. Small tree, apparently self sown.
- +043/3.06. **Atriplex littoralis** (Grass-leaved Orache) (Llygwyn Arfor). Egnyn, SJ0134 6377, Denbs Group (D. Williams), 24th Aug 2014, single large plant directly under salt bin on W side of road at top of hill; (+) Golfa, SJ193 250, S. Swindells, 6th Aug 2014, 1 plant by salt dump in lane, flowering & fruiting; (+) Eryrys, SJ2047 5782, Denbs Group (D. Williams), 27th Aug 2014, roadside, with other *Atriplex*; (+) Cross Lanes, SJ3742 4681, J. Shanklin, 30th Sep 2014, verge.

- +‡045/2.1. **Claytonia perfoliata** (Springbeauty) (Porpin y Gwanwyn). Glyn Ceiriog, SJ2026 3770, M.O. Stead, 16th May 2014, rocky area of river east bank looking n. from bridge; (+) Bettisfield, SJ476 366, K.K. Bell, 26th Apr 2014, between Cambrian Cottage and The Old Works on Old Railway.
- +‡045/2.2. **Claytonia sibirica** (Pink Purslane) (Porpin Pinc). Bettisfield Moss, SJ473 357, K.K. Bell, 26th Apr 2014, near the 'staircase' access to Fenn's Moss from canal towpath.
- ⊖046/05.3. **Stellaria pallida** (Lesser Chickweed) (Gwlyddyn-y-dom Bach). Pont Llygoden, SJ3100 3962, M.O. Stead, 11th May 2014, bare area under tree.
- +046/10.1. **Sagina nodosa** (Knotted Pearlwort) (Corwlyddyn Clymog). World's End, SJ2330 4777, M.O. Stead, 7th Sep 2014, near beginning of footpath 2 plants in grass to left.
- ⊖046/10.8. **Sagina maritima** (Sea Pearlwort) (Corwlyddyn Arfor). Horseshoe Pass, SJ186 470, P.R. Green, 12th Aug 2014, abundant along side of A542.
- +†053/1.7. **Malva neglecta** (Dwarf Mallow) (Corhocysen). Painters Green, SJ50 41, M.O. Stead, 17th May 2014.
- +061/2.01×02. **Salix ×meyeriana (S. pentandra × S. fragilis)** (Shiny-leaved Willow) (Helygen Loywddail). Penley, SJ414 390, K.K. Bell, 7th Jul 2014, by the brook W of Penley Bank Cottage.
- ⊖061/2.05. **Salix purpurea** (Purple Willow) (Helygen Gochlas). Pigeon House, SJ43380 40798, K.K. Bell, 11th Sep 2014, a single bush by brook SW of The Dukes.
- +061/2.09×11. **Salix viminalis × S. cinerea = S. ×holosericea [S. ×smithiana]** (Silky-leaved Osier) (Helygen Dail Sidan). Worthenbury Bridge, SJ418 463, K.K. Bell, 26th Jun 2014, bank of Worthenbury Brook S of Brook Farm.
- +‡062/15.5. **Arabis caucasica** (Garden Arabis) (Berwr-y-cerrig yr Ardd). Maerdy, SJ0158 4479, Denbs Group (D. Williams), 9th Nov 2014, one plant growing out of S side of hedgebank, good distance from habitation.
- +†062/28.1. **Thlaspi arvense** (Field Penny-cress) (Codywasg y Maes). Bryneglwys, SJ14 47, Denbs Group (D. Williams), 23rd Nov 2014, hedgerow and field.
- +‡062/33.2. **Diplotaxis muralis** (Annual Wall-rocket) (Roced-y-muriau'r Tywod). Bangor-is-y-coed West, SJ38 45, M.O. Stead, 14th Jun 2014.
- +‡062/38.1. **Hirschfeldia incana** (Hoary Mustard) (Mwstard Llwyd). Foryd South East, SJ00 79, M.O. Stead, 26th Aug 2014, frequent in monad.
- +069/8/1. **Samolus valerandi** (Brookweed) (Claerlys). Bae Cinnel, SH9776 8004, M.O. Stead, 26th Jun 2014, ditch.
- +‡073/1.3. **Crassula helmsii** (New Zealand Pigmyweed) (Corchwyn Seland Newydd). Cors Maen Llwyd, SH98065 58034, Denbs Group (D. Williams), 29th Jun 2014, abundant on mud at edge of Reservoir and stream; (+) Gardden Hall, SJ2987 4507, M.O. Stead, 14th Sep 2014, waters edge of lake Park Stryt Las.
- *‡074/04.1. **Darmera peltata** (Indian-rhubarb) (Rhiwbob yr India). Rhyd-y-Creauau, SH8032 5711, D.A. Broughton, 26th Jul 2014, small clump in ditch by site entrance, spread from formal planting in border by house wall.

- +‡074/07.1. **Tolmiea menziesii** (Pick-a-back-plant) (Crydlys). Manley Wood, SJ3446 4177, Denbs Group (D. Williams), 9th Aug 2014, occasional around stream mouth; (+) Cefn-y-bedd, SJ3124 5641, M.O. Stead, 18th May 2014, near river bank.
- +‡074/08.1. **Tellima grandiflora** (Fringecups) (Clychau'r Clawdd). Moelfre Isaf, SH9537 7395, J. Shanklin, 26th Sep 2014, locally frequent by side of footpath near house; (+) Manley Wood, SJ3453 4198, Denbs Group (D. Williams), 9th Aug 2014, widespread across the bank just below the road, in the wood.
- +‡075/08.05.134. **Rubus armeniacus**. Bryn Euryn, SH8300 7977, W. McCarthy, 1st Nov 2014, woodland edge. Almost certainly bird-sown.
- ⊖075/08.06.159. **Rubus ordovicum**. Betws-y-Coed, SH79 56, R.D. Randall, 25th Jul 2014, a470, Muriau Farm.
- *075/08.09.205. **Rubus anglofuscus**. Rhyd-y-Creiau, SH803 570, R.D. Randall, 27th Jul 2014, car park Rhyd-y-Creiau Field Centre. **Herb. RDR**
- ⊖075/08.13.311. **Rubus intensor**. Rhyd-y-Creiau, SH804 575, D.P. Earl, 27th Jul 2014, a470 N of Rhyd-y-Creiau Field Centre. 'False ordovicum'.
- +075/21.12×18. **Rosa canina** × **R. rubiginosa** = **R. ×nitidula**. Llidiart Annie, SJ1885 4483, Denbs Group (D. Williams), det.G.M. Kay, 31st Aug 2014, side of road, large bush with plentiful hips.
- +075/28.24. **Sorbus torminalis** (Wild Service-tree) (Cerddinen Wyllt). Mynydd y Gaer, SH97 71, J. Shanklin, 26th Sep 2014.
- *077/14.13. **Vicia lutea** (Yellow-vetch) (Ffacbysen Felen). Bangor-is-y-coed, SJ3987 4573, M.O. Stead, 14th Jun 2014, west side of road.
- ⊖077/25.4. **Genista anglica** (Petty Whin) (Cracheithinen). Penmaen Rhos, SH88105 78671, Denbs Group (D. Williams), 10th Sep 2014, a few isolated clumps here.
- *084/1.01×03. **Epilobium ×erroneum**. Colwyn Bay, SH852 789, G. Wynne, det.N. Green, 30th Aug 2014, roadside, between pavement and building. Colwyn Bay town centre. **Herb. GW**
- +084/1.07. **Epilobium roseum** (Pale Willowherb) (Helyglys Gwelw). Colwyn Bay Prom, SH8703 7869, D. Williams, 10th Sep 2014.
- *‡094/1.gra. **Linum grandiflorum** (Crimson Flax). Bedwell, SJ3755 4693, J. Shanklin, 30th Sep 2014, seeding from sown flower corner on road.
- ⊖‡103/2.2. **Erodium moschatum** (Musk Stork's-bill) (Pig-y-crëyr Fwsg). Johnstown, SJ3046 4542, J. Shanklin, 29th Sep 2014, one plant on fence verge in trading estate.
- +‡105/1.2. **Impatiens capensis** (Orange Balsam) (Ffromlys Oren). Chirk, SJ285 390, S. Swindells, 28th Sep 2014, 5 flowering plants on edge of Canal at Chirk.
- +‡105/1.4. **Impatiens glandulifera** (Indian Balsam) (Jac y Neidiwr). Llantysilio, SJ19 43, M.O. Stead, 31st Aug 2014.
- +107/41.2. **Heracleum mantegazzianum** (Giant Hogweed) (Efwr Enfawr). Halton, SJ30 39, M.O. Stead, 11th May 2014.
- +110/3.1. **Atropa belladonna** (Deadly Nightshade) (Codwarth). Llangedwyn, SJ1885 2414, S. Swindells, 16th Jul 2014, two large plants in Llangedwyn Churchyard. Growing and blending in with Elder at base of gravestone under a Yew. 3rd VC record, 1st post 1942.

- ◻‡110/9.1. **Datura stramonium** (Thorn-apple) (Afal Dreiniog). Foryd, SH9965 8015, M.O. Stead, 26th Aug 2014, bank of railway 15 plants.
- *111/3.2×4. **Calystegia sepium** × **C. silvatica** = **C. × lucana**. Pentre Nant Lane, SJ3678 4503, J. Shanklin, 30th Sep 2014, ditch near house.
- +‡118/23.3. **Mentha spicata** (Spear Mint) (Mintys Ysbigog). Nant Melai Bach, SH9107 6279, D. Williams, 16th Aug 2014, gateway to Nant Melai Fawr Farm. Garden escape?; (+) Darland, SJ3775 5740, M.O. Stead, 23rd Aug 2014.
- +‡118/23.3×4. **Mentha spicata** × **M. suaveolens** = **M. × villosa** (Apple-mint) (Mintys Lletgrwn). Maerdy, SJ0154 4451, Denbs Group (D. Williams), 9th Nov 2014, roadside opposite house gate; (+) Rhosllanerchrugog, SJ2940 4550, J. Shanklin, 29th Sep 2014, on farm dump; (+) Adra-felin, SJ401 429, K.K. Bell, 23rd Aug 2014, ditch opposite Cloy Farm.
- +118/23.5.‡ **Mentha pulegium** (Pennyroyal) (Brymllys). Conwy RSPB Reserve, SH80 76, Denbs Group (D. Williams), 16th Aug 2014, occasional along side of path. Presumably planted; (+) Wrexham Industrial Estate North, SJ38508 50240, T. Knight, 12th Aug 2014, a patch of about 2 sq.m in amenity grassland verge with scattered plants elsewhere including along the 'spray-line' at the back of the kerb. Presumably a grass seed contaminant or via another escapee route...
- +121/1.1. **Plantago coronopus** (Buck's-horn Plantain) (Llyriad Corn Carw). Horseshoe Pass, SJ186 470, P.R. Green, 12th Aug 2014, little on verge of A542.
- *124/07.his. **Antirrhinum hispanicum** **Chav. subsp. hispanicum**. Llangollen, SJ2131 4226, P.R. Green, 12th Aug 2014, single plant self-sown on side of wall in Llangollen, **Herb. NMW**
- *124/13.3×4. **Linaria purpurea** × **L. repens** = **L. × dominii**. Wern Bach Farm, SH81937 78172, J. Palmer, det.Denbs Group (D. Williams), 16th Aug 2014, several plants near this spot. Both parents present. Stony ground, derelict Industrial Site. Corolla intermediate. **Herb. DW**
- +‡124/13.4. **Linaria repens** (Pale Toadflax) (Llin-y-llyffant Gwelw). Wern Bach Farm, SH8193 7817, Denbs Group (D. Williams), 16th Aug 2014, occasional plants in this spot of stony ground in the Industrial Estate.
- +125/2.08. **Orobanche hederaceae** (Ivy Broomrape) (Gorfanhadlen Eiddew). Bryn Euryn, SH8338 8020, I. Fraser, 13th Aug 2014, 5 plants.
- ◻129/1.12. **Campanula trachelium** (Nettle-leaved Bellflower) (Clychlys Dail Danadl). Nant-y-Lladron, SJ3580 4394, M.O. Stead, 4th Jul 2014, in woodland near Dee.
- ◻129/3.1. **Wahlenbergia hederacea** (Ivy-leaved Bellflower) (Clychlys Dail Eiddew). Pen Llyn-gloyw, SJ1601 3559, M.O. Stead, 30th Sep 2014, wet bank side beside track.
- +130/8.1. **Rubia peregrina** (Wild Madder) (Cochwraidd Gwyllt). Llidiart Annie, SJ189 443, G.M. Kay, 31st Aug 2014, roadside hedgerow.
- *‡131/6.1. **Lonicera pileata** (Box-leaved Honeysuckle) (Gwyddfif Llorweddol). Rhosllanerchrugog, SJ29 46, J. Shanklin, 10th Nov 2014, bird-sown.
- ◻135/05.1. **Carduus tenuiflorus** (Slender Thistle) (Ysgallen Flodfain). Three Fingers, SJ4534 4143, J. Shanklin, 27th May 2014, locally frequent along A525 verge.

- +135/09.1. **Serratula tinctoria** (Saw-wort) (Dant y Pysgodyn). Cilygroeslwyd Wood, SJ12177 54921, J. Palmer, 11th Aug 2014, bron y Graig on a limestone ledge, c. 6 plants, 2 flowering. 1st in VC since 2000.
- +†135/12.1. **Cichorium intybus** (Chicory) (Ysgellog). Kimmel Bay, SH98 80, D. Williams & M.O. Stead, 26th Jun 2014, large single plant in derelict garden; (+) Plas Madoc, SJ2841 4342, M.O. Stead, 2nd Sep 2014, by base of wall near garden.
- ⊖135/17.2. **Picris hieracioides** (Hawkweed Oxtongue) (Tafod y Llew). Foryd South East, SJ0004 7954, M.O. Stead, 26th Aug 2014, west bank of flood defence.
- ⊖135/30.4. **Filago minima** (Small Cudweed) (Edafeddog Fach). Cyfnant-Uchaf, SJ1898 5750, M.O. Stead, 15th May 2014, pystyll Gwyn Quarry floor.
- +†135/35.1. **Inula helenium** (Elecampane) (Marchalan). Bryn-y-gloch, SJ1980 5769, M.O. Stead, 25th Jun 2014, waste area by side of road by turn.
- +‡135/44.1. **Conyza canadensis** (Canadian Fleabane) (Amrhydylwyd Canada). Ruthin East, SJ1258 5851, D. Williams, 9th Jul 2014, single plant at base of wall by roundabout; (+) Llangollen, SJ214 420, P.R. Green, 12th Aug 2014, garden weed; (+) Worthenbury Bridge, SJ41 46, M.O. Stead, 31st May 2014; (+) Holt South, SJ4113 5395, M.O. Stead, 14th Aug 2014, pavement weed main road.
- +‡135/80.2. **Galinsoga quadriradiata** (Shaggy-soldier) (Galinsoga Blewog). Llangollen, SJ2147 4202, P.R. Green, 9th Aug 2014, 3 at base of wall.
- +135/81.2. **Bidens tripartita** (Trifid Bur-marigold) (Graban Teiran). Chirk South, SJ28 37, Denbs Group (D. Williams), 13th Aug 2014.
- +‡135/81.4. **Bidens frondosa** (Beggarticks) (Graban Deiliog). Chirk South, SJ28682 37328, T. Knight, 2nd Sep 2014, chirk Aqueduct. A small no of plants scattered along the Canal. 2nd for VC.
- +‡138/4.1. **Elodea canadensis** (Canadian Waterweed) (Ffugalaw Canada). Heskin, SH95 66, Denbs Group (D. Williams), 29th Mar 2014.
- ⊖142/1.14. **Potamogeton obtusifolius** (Blunt-leaved Pondweed) (Dyfrllys Dail Aflym). Street Lydan, SJ437 398, K.K. Bell, 4th Aug 2014, pond by junction between Pigeon Lane and A539.
- ⊖142/1.19. **Potamogeton crispus** (Curled Pondweed) (Dyfrllys Crych). Street Lydan, SJ430 394, K.K. Bell, 4th Aug 2014, pond by footpath S of Street Lydan.
- +‡147/5.2. **Arum italicum** (Italian Lords-and-Ladies) (Pidyn-y-gog Eidalaid). Heskin, SH95 66, Denbs Group (D. Williams), 29th Mar 2014, garden escape.
- ⊖152/16.34. **Carex strigosa** (Thin-spiked Wood-sedge) (Hesgen-y-coed Benfain). Chirk South, SJ2833 3780, Denbs Group (D. Williams), 13th Aug 2014, large patch 5 x 5m above canal in wooded area by bridge.
- +152/8.1. **Isolepis setacea** (Bristle Club-rush) (Clwbfrwynen Wrychog). Egnyn, SJ0124 6385, Denbs Group (D. Williams), 24th Aug 2014, occasional plants in wet area of pasture near stream.
- *153/12.02×13.01. ×**Schedolium holmbergii** (**S. arundinacea** × **Lolium perenne**). Gardden Hall, SJ29 45, J. Shanklin, 29th Sep 2014, aggregate hybrid.
- +153/16.2. **Puccinellia distans** (Gwellt-y-morfa Atblygedig). Ffynnon-las, SJ1966 4123, M.O. Stead, 5th Oct 2014, seepage area from salt pile side of road. **Herb. MOS**; (+) Pentre-clawdd, SJ31 44, J. Shanklin, 29th Sep 2014, a483 verge.

- +‡153/46.2. **Polypogon viridis** (Water Bent) (Barfwellt y D[^]r). Abergele, SH9504 7750, M.O. Stead, 30th Jul 2014, a547 main road through Abergele south side; (+) Kimmel Bay, SH9870 8058, M.O. Stead, 25th Aug 2014, within a few yards of pavement/wall opp Asda C.P; (+) Rhosllanerchrugog, SJ2932 4607, J. Shanklin, 10th Nov 2014, by cemetery gate; (+) Ruabon, SJ3043 4402, P.R. Green, 9th Aug 2014, lots as street weed by car park.
- +‡153/53.1.© **Ceratochloa carinata** (California Brome) (Pawrwellt Califfornia). Rhiwabon North, SJ3074 4479, J. Shanklin, 29th Sep 2014, on track verge.
- +©153/59.vul. **Hordeum vulgare** (Six-rowed Barley) (Haidd Chwerhesog). Ruabon, SJ30 43, P.R. Green, 9th Aug 2014, two at base of tree.
- +‡153/68.1. **Echinochloa crus-galli** (Cockspur) (Cibogwellt Rhydd). Cross Lanes, SJ3723 4671, J. Shanklin, 30th Sep 2014, field gateway; (+) Worthenbury Bridge, SJ4158 4658, M.O. Stead, 10th Aug 2014, field entrance and open area.
- +‡153/PAN.mil. **Panicum miliaceum** (Common Millet) (Miled). Pont Cysyllte, SJ2716 4231, M.O. Stead, 4th Sep 2014, between pub and canal kerbside.
- 158/14.1.‡ **Polygonatum multiflorum** (Solomon's-seal) (Llysiau-Solomon). Pentrefelin, SJ205 432, J. Lawton Roberts, 24th May 2014, patch in mixed mature woodland on steep slope above garden.
- +†158/24.13. **Allium ampeloprasum** (Wild Leek) (Cenhinen Wyllt). Pentre Mawr Park, SH9426 7847, M.O. Stead, 30th Jul 2014, between Pentre Mawr Park and A55.
- *©158/24.cep. **Allium cepa** (Onion) (Nionyn). Street Lydan, SJ432 397, K.K. Bell, 4th Aug 2014, lay-by at Street Lydan.
- *‡158/25.1. **Nectaroscordum siculum** (Honey Garlic) (Garlleg y Mêl). Eglwys Cross, SJ472 410, K.K. Bell, 19th May 2014, edge of the waste ground at Eglwys Cross.
- *†158/34.1. **Asparagus officinalis** (**A. officinalis subsp. officinalis**) (Garden Asparagus) (Merllys yr Ardd). Castle Mill, SJ2620 3784, M.O. Stead, 31st Jul 2014, north roadside bank presumably escaped.
- +158/35.1.‡ **Ruscus aculeatus** (Butcher's-broom) (Celynnen Fair). Rhyd-y-Creauau, SH8026 5712, D.A. Broughton, 26th Jul 2014, 1 established bush under trees, location did not suggest planting; (+) Adra-felin, SJ4071 4294, J. Shanklin, 29th Jul 2014, in hedge not far from cottage, but not obviously planted.
- +162/18.5. **Dactylorhiza purpurella** (Northern Marsh-orchid) (Tegeirian-y-gors Gogleddol). Bryn-y-gloch, SJ1997 5744, Denbs Group (D. Williams), 25th Jun 2014, one magnificent spike in flower plus another closely adjacent not in flower

FLINT, v.c.51 (comm. E. Meilleur)

- *046/25.5. **Dianthus deltoides** (Maiden Pink) (Penigan y Forwyn). Waste ground, Bagillt Marsh, SJ2140 7606, Flintshire Botanical Group, 12th Jul 2014.
- +‡062/38.1.© **Hirschfeldia incana** (Hoary Mustard) (Mwstard Llwyd). Mostyn, SJ1788 7816, J. Shanklin, 10th Sep 2013; (+) waste ground, Bagillt Marsh, SJ215 760, Flintshire Botanical Group, 12th Jul 2014.
- *081/1.3. **Lythrum portula** (Water-purslane) (Troed y Gywen). Lake, llyn Helyg, SJ1126 7718, P.R. Green, 11th Aug 2014.
- +107/17.1.© **Crithmum maritimum** (Rock Samphire) (Corn-carw'r Môr). Rocks, Gronant Dunes, SJ0735 8418, M. Brummage, 31st May 2014.
- +107/19.7. **Oenanthe aquatica** (Fine-leaved Water-dropwort) (Cegiden-y-d^r Fanddail). Oxbow lake, River Clwyd, oxbow lake, SJ0590 7207, E. Meilleur, 24th Aug 2014.
- +129/1.12. **Campanula trachelium** (Nettle-leaved Bellflower) (Clychlys Dail Danadl). Hedgerow, Pantymwyn, SJ1969 6497, M. Brummage, 2nd Aug 2013.
- +152/16.18. **Carex dioica** (Dioecious Sedge) (Hesgen Ysgar). Mire, Babell racecourse, SJ15955 74921, E. Meilleur, 8th Jun 2014.
- +152/16.34. **Carex strigosa** (Thin-spiked Wood-sedge) (Hesgen-y-coed Benfain). Woodland, Bach y graig, SJ07954 71059, P.R. Green & E. Meilleur, 11th Aug 2014.
- +152/3.6. **Eleocharis acicularis** (Needle Spike-rush) (Ysbigfrwynen Fain). Lake, LLyn Helyg, SJ1126 7718, P.R. Green, 11th Aug 2014.
- +154/1.2. **Sparganium emersum** (Unbranched Bur-reed) (Cleddlys Di-gainc). Pond, Buckley Industrial Estate, SJ2800 6554, E. Meilleur, A. Davies & J. Philips, 11th Jul 2014

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

- ⊖014/1.1. **Thelypteris palustris** (Marsh Fern) (Rhedynen y Gors). SH2991 (SH2991), SH2990 9196, R.A. Jones, Apr 2014, large population in boggy area, partly dug out to make pools and surrounded by young forestry.
- +031/5.06. **Fumaria purpurea** (Purple Ramping-fumitory) (Mwg-y-ddaear Glasgoch). Cerrig-y-barcud, SH4750 6501, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, west verge/bank of B4419; (□) Porthaethwy, SH5531 7227, P.R. Green, 28th Apr 2014, lots on bank above roadside wall. First record since 1930.
- *‡040/2.rub. **Alnus rubra** (Red Alder) (Gwernen Goch). Holyhead (West of), SH2247 8326, P.R. Green, 29th Apr 2014, planted? but there are some seedlings.
- *043/3.02×04. **Atriplex ×gustafssoniana** (Kattgat Orache) (Llygwyn Kattgat). Holyhead (part) (SH2483), SH2475 8315, I. Bonner, 11th Sep 2009, small beach between Maritime Museum and Coastguard station; (+) SH3965, SH3915 6577, J.

- Rees & I. Rees, 29th May 2014, Cefni saltmarsh; (+) Nr. Afon Crigyll (SH3274), SH3205 7402, I. Rees, 30th Jul 2014, Crigyll estuary, airfield side of fotbridge. & at 3221.7408; (+) Malltraeth Cob, pools, Sands & village, SH40 68, I. Rees, P.R. Green & I. Bonner, 3rd Sep 2014, conf. JR Akeroyd. **Herb. IRB**; (+) SH4371 (SH4371), SH437 714, I. Bonner, 3rd Sep 2013, single plant by rubble infilled track to meander 1. Confirmed by J Akeroyd; (+) nr. Tyn Coed, Red Wharf Bay (SH5479), SH5444 7999, I. Rees, P.R. Green & I. Bonner, 4th Sep 2014, & at 5441.7996. Both conf. by JR Akeroyd. **Herb NMW & IRB**; (+) Red Wharf Bay (part) (SH5480), SH5460 8001, I. Rees, P.R. Green & I. Bonner, conf. J.R. Akeroyd, 4th Sep 2014, **Herb. IRB**
- *043/3.02×06. **Atriplex ×hulmeana**. Cefni Estuary, SH3927 6586, I. Rees and I. Bonner, 11th Jun 2014, Cefni Estuary mouth. 1st VCR; (+) Menai Strait, SH4782 6510, I. Rees, P.R. Green & I. Bonner, 3rd Sep 2014, conf. JR Akeroyd. 4 Herb specimens.
- *043/3.03×04. **Atriplex ×taschereaui** (Taschereau's Orache) (Llygwyn Taschereau). SH2987 (SH2987), SH2936 8754, I. Rees, 16th Aug 2013, single plant, Porth Trwyn. 1st VCR; (+) Porth Cwyfan (SH3368), SH3377 6844, I. Rees, 16th Aug 2014; (+) Porth Swtan (SH3089), SH301 893, I. Rees, 29th Sep 2013, single plant, Church Bay. 2nd VCR; (+) Plas-y-borth, SH46 63, I. Rees, 6th Aug 2013; (+) Plas Llanfair, SH537 711, I. Rees, 26th Aug 2014; (+) Red Wharf Bay (Llanddona Beach) (SH5780), SH5732 8085, I. Rees, 27th Aug 2014, single large plant.
- *043/3.04. **Atriplex longipes** (Long-stalked Orache) (Llygwyn Hirgoes). Red Wharf Bay, SH5534 8018, I. Rees, 4th Sep 2014, 1st VCR. **Herb. NMW**
- +043/3.06. **Atriplex littoralis** (Grass-leaved Orache) (Llygwyn Arfor). The Skerries, SH26 94, N. Brown, 6th Aug 2013, scattered; (+) Traeth Dulas (NW), SH47 88, I. Bonner, J. Rees & I. Rees, 23rd Jul 2014.
- +043/3.08. **Atriplex laciniata** (Frosted Orache) (Llygwyn Ariannaid). Plas Llanfair, SH53 71, I. Rees, 5th Aug 2013, Nelson's statue.
- *©044/1.1. **Amaranthus retroflexus** (Common Amaranth) (Blodyn Amor). SH3976 (SH3976), SH3907 7615, D. Evans, 7th Oct 2013, several plants, overgrown grounds of old home. Later apparently destroyed by trench excavation. 1st VCR, **Herb.IRB**
- *065/12.8. **Erica vagans** (Cornish Heath) (Grug Cernyw). Penrhos (SH2781), SH2772 8136, R. Elloway, 22nd Aug 2014, prob. planted in Penrhos Country Park. 1st VCR. Also rec. by J. Rees & I. Rees.
- *‡085/1.2. **Cornus sericea** (Red-osier Dogwood) (Cwyrosyn Cochfrig). Parciau Home Farm (SH4984), SH496 849, Anglesey Flora Group, 27th May 2014, around pond. 1st VCR.
- †103/2.2. **Erodium moschatum** (Musk Stork's-bill) (Pig-y-crëyr Fwsg). Holyhead (part) (SH2482), SH2489 8224, I. Bonner & R. Marriott, 22nd Oct 2014, between railway track and walkway, **Herb. IRB**
- †124/09.1. **Misopates orontium** (Weasel's-snout) (Y Trwyn-y-llo Lleiaf). Bodior Estate (part) (SH2876), SH2860 7699, C. Shellswell & C. Burrows, 10th Jul 2014, Plantlife arable survey. First record from SH27 since 1895.

- +‡135/22.1. **Lactuca serriola** (Prickly Lettuce) (Letusen Bigog). Holyhead (part) (SH2482), SH248 820, R. Birch, 30th Aug 2014, well established at base of wall by the railway station. 2nd VCR.
- *135/25.01.18. **Taraxacum proximiforme** (Straw-fruited Dandelion). Mermaid Quay, Tal-y-foel, SH4767 6483, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, road verge by coast.
- *135/25.05.44. **Taraxacum richardsianum** (Richards's Dandelion). Newborough Warren, SH4245 6464, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, edge of path, north side.
- *135/25.05.46. **Taraxacum subnaevosum** (Pale-bracted Dandelion). Newborough Warren, SH4234 6459, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, dune slack.
- *135/25.07.56. **Taraxacum britannicum** (British Dandelion). Newborough Warren, SH4217 6449, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, by path.
- *135/25.07.60. **Taraxacum duplidentifrons** (Double-toothed Dandelion). Aberffraw, SH3515 6879, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, verge of lane.
- *135/25.07.80. **Taraxacum subbracteatum** (Dark-bracted Dandelion). Newborough Warren, SH4217 6449, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, by path.
- *135/25.08.84. **Taraxacum atactum** (Narrow-bracted Dandelion). Status, Tal-y-foel, SH4761 6491, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, verge of the B4419.
- *135/25.08.88. **Taraxacum hamatulum** (Slender Hook-lobed Dandelion). Newborough Warren, SH4253 6469, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, side of path.
- *135/25.08.90. **Taraxacum hamiferum** (Dark Hook-lobed Dandelion). Tal-y-foel, SH4749 6502, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, verge of the B4419.
- *135/25.08.94. **Taraxacum marklundii** (Marklund's Dandelion). Mermaid Quay, Tal-y-foel, SH4764 6478, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, road verge of lane on coast.
- *135/25.08.98. **Taraxacum pseudohamatum** (False Hook-lobed Dandelion). Tal-y-foel, SH4760 6492, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, verge of the B4419.
- *‡135/25.09.106. **Taraxacum aequilobum** (Twisted-bracted Dandelion). Tal-y-foel, SH4762 6490, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, verge of B4419, by gate to field.
- *135/25.09.120. **Taraxacum cophocentrum** (Rounded-lobed Dandelion). Aberffraw, SH3519 6881, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, verge of lane.
- *135/25.09.121. **Taraxacum cordatum** (Entire-lobed Dandelion). Aberffraw, SH3515 6879, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, verge of lane.
- *135/25.09.131. **Taraxacum ekmanii** (Ekman's Dandelion). Mermaid Quay, Tal-y-

- foel, SH476 648, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, road verge on sea front.
- *‡135/25.09.132. **Taraxacum exacutum** (Imbricate-bracted Dandelion). Mermaid Quay, Tal-y-foel, SH4763 6475, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, road verge on coast.
- *‡135/25.09.136. **Taraxacum fagerstroemii** (Fagerstrom's Dandelion). Tal-y-foel, SH4756 6493, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, verge of the B4419.
- *135/25.09.150. **Taraxacum laticordatum** (Decumbent Dandelion). Aberffraw, SH3518 6881, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, verge of lane.
- *135/25.09.172. **Taraxacum oblongatum** (Oblong-leaved Dandelion). Aberffraw, SH3530 6883, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, churchyard wall.
- *‡135/25.09.173 **Taraxacum obtusifrons** (Obtuse-leaved Dandelion). Tal-y-foel, SH4765 6487, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, verge of B4419.
- *‡135/25.09.177 **Taraxacum pachymerum** (Dirty-leaved Dandelion). Mermaid Quay, Tal-y-foel, SH4766 6482, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, verge of lane by coast.
- *‡135/25.09.194. **Taraxacum rhamphodes** (Robust Dandelion). Aberffraw, SH3543 6906, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, flower border on edge of car park.
- *135/25.09.197. **Taraxacum sellandii** (Selland's Dandelion). Aberffraw, SH3513 6878, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, verge of lane.
- *135/25.09.199. **Taraxacum sinuatum** (Sinuate-lobed Dandelion). Mermaid Quay, Tal-y-foel, SH4766 6482, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, road verge by coast.
- *135/25.09.209. **Taraxacum lepidum** (Pruinose-bracted Dandelion). Tal-y-foel, SH4762 6490, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, verge of the B4419.
- *‡135/25.09.coa. **Taraxacum coartatum** (Irregular-bracted Dandelion). Tal-y-foel, SH4757 6495, P.R. Green & BSBI Dandelion workshop, 26th Apr 2014, verge of the B4419.
- +135/43.6 **Erigeron acris** (Blue Fleabane) (Amrhydlwyd Glas). Holyhead (part) (SH2482), SH2489 8224, I. Bonner & R. Marriott, 22nd Oct 2014, between railway track and walkway, **Herb. IRB**
- 135/81.1.rad. **Bidens cernua var. radiata**. Malltraeth Marsh (part) RSPB & SSSI, SH46 72, R.V. Lansdown, 12th Aug 2014, several plants, along with the non-radiate form on disturbed soil. First record since 1813, **Herb. BM, NMW & IRB**
- +148/1.1. **Spirodela polyrhiza** (Greater Duckweed) (Llinad Mawr). Newborough Warren SSSI (part) (SH4264), SH4280 6490, J. Bratton, 8th Sep 2014, several plants in boundary ditch, by Penras Terrace. 2nd VCR.
- +151/1.25×26. **Juncus ×diffusus** (Diffuse Rush). Caerhos Lligwy SSSI, SH48 84,

Anglesey Flora Group, 31st Jul 2014, **herb.IRB** for confirmation, **Herb. IRB** +152/11.1. **Cyperus longus** (Galingale) (Ysnoden Fair). Valley, SH29 79, I. Bonner & D. Evans, 17th Jul 2013, established clump in wet field close to line of gardens. First noted by D. Evans; (*) Amlwch Port (SH4593), SH453 931, R. Birch, 24th Aug 2010, pSYM survey for CCW. 1st VCR.
*‡158/24.sat. **Allium sativum** (Garlic) (Garlleg). SH2479 (SH2479), SH2437 7938, J. Rees & I. Rees, 30th Jun 2014, var. *ophiosorodon*. on cliff. Also along roadside for several m. at 2438.7949. 1st VCR

Inside back cover photos:

8: Tutsan or Dail y Beiblau (Bible Leaves) used as bookmarks in Montgomeryshire. Photo: John Hughes (see article, page 15).

National Plant Monitoring Scheme (NPMS) (see article, page 10):

9: Opportunities for the NPMS: blue dots are squares which are available whilst the orange have been allocated. Photo: Colin Cheesman.

10: A comprehensive survey pack will arrive on your doormat once you sign up! Photo: Colin Cheesman.

Back cover: Photos of Dr. Jean Green (see tributes by Betty Lee and Delyth Williams, pages 9 and 10). In one photo, Jean Green is showing people the differences between *Calystegia* species. Photos: Betty Lee (the learner in Delyth's article).

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