Photocopy of specimen of *Plantago media* (Hoary Plantain) at **NMW**, (x 2/3).
This species has recently been recorded from vice-county 48 (see pp. 9, 31).
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Most back issues of the BSBI Welsh Bulletin are still available on request (originals or photocopies). Please enquire before sending cheque (made payable to BSBI Wales), @ £2 per issue, which includes p. & p., to - Dr G. Hutchinson, Department of Biodiversity & Systematic Biology, National Museum, Cathays Park, Cardiff CF10 3NP, specifying the issue number, or year (which would have to include the season or month).

Publication date of last BSBI Welsh Bulletin (No. 79) - January 2007.
EDITORIAL

We have reached the eightieth edition of the Welsh Bulletin. The publication was started in January 1964 the first editor being J.P. Savidge around a time when the main contributors included T.A.W. Davis, R.H. Roberts, B. Seddon and Mrs I.M. Vaughan. It has changed considerably since, having been in a cyclostyled then photocopied 202 x 252mm size from No. 2 to No. 36, progressing to its present A5 size in February 1983 with No 37. The front cover started to have a plant image in the February 1977 issue (No. 26) with that well known Osmunda regalis (Royal Fern) taken from 'Welsh Ferns'. More recently we have included the Plantlife Wales Newsletter and colour pages.

This issue, however, does not include any colour or a Plantlife contribution, firstly because it has been a rush to produce in time for the Welsh AGM with preparations for the Glynhir meeting having to be done at the same time, and, secondly, the fact that the monster number of Welsh Plant Records (which take up most of this issue) are so bulky that another page would have defeated the stapler! Thanks to all observers who have provided these records, to the recorders for submitting them and to Gwynn for compiling them, not to mention George for checking (as well as preparing the whole issue ready for printing) – all in all, a major task! Thanks also to Peter Benoit and Ian Bonner for completing this issue with their articles.

A reminder for the Swansea AGM in July is also included and I look forward to seeing you there: the programme with its arable-weed theme promises to be very enjoyable.

Richard Pryce
19th June 2007
BSBI WALES ANNUAL GENERAL MEETING
AND 11TH QUADRENNIAL MEETING 2006

The 44th Annual General Meeting and 11th Quadrennial Meeting of the BSBI in Wales, held at Plas Tan y Bwlch, Maentwrog on Saturday 2nd September 2006.


2. Minutes of 2005 AGM: (published in the BSBI Welsh Bulletin 78: 4-6) Accepted without amendment.

3. Matters Arising: None.

4. Chairman’s Opening Remarks: Dr Wynne warmly welcomed all those present, including visiting members from England, Ireland and Scotland. He congratulated Ray Woods on his appointment as a Vice President of the Society. He thanked all those who had worked for the Society over the past year, especially the Committee members and those involved in planning this meeting. He urged members to think about the ecology of the plants we look at, as well as studying their taxonomy.

Following the fern theme of this AGM Goronwy closed by reading extracts from a letter written in 1891 by George Crofts, about his enthusiasm for the ferns he had seen, collected and despatched for planting in his garden! A number of his herbarium sheets have survived and form part of the exhibition today.

5. Hon.Secretary’s Report: Richard Pryce warmly thanked Goronwy for his four years as Chairman, and echoed the congratulations to Ray Woods on his Vice Presidency, also his appointment to Plantlife, as Lower Plants Officer for Wales.

Richard reported that the Committee had two full meetings (October and February) and a short meeting prior to this AGM. Subjects covered included the production of a series of County Rare Plant Registers for each Welsh vice-county. (Anglesey was published in the spring, Monmouth is nearly ready, and most others are in draft). The availability of Ordnance Survey map information in electronic format for VC recorders with MapMate — promised by CCW; but with technical issues still to be overcome. The way BSBI recorders will liaise with the growing coverage of Local Record Centres across Wales, and the start to the production of a Red List of Plants for Wales.

Richard thanked George Hutchinson for the tremendous work he does as editor of the Welsh Bulletin, two issues had been produced this year. The Bulletin includes the publication of new and updated records for 10km squares (hectads), something not done by the Society elsewhere in Britain.

Richard closed by thanking the other honorary officers and committee members, and also the membership for their support.
6. **Hon. Treasurer’s Report**: The accounts for 2005 were tabled and are set out below:

**Annual Statement of Accounts, 1 January 2005 to 31 December 2005**

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<th>£</th>
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</table>

**Totals** 4478.30 4150.10

Excess of receipts over payments 328.20
Carried forward from 2004 203.59
Balance at 31/12/05 531.79

Sarah Stille, Hon Treasurer, BSBI Committee for Wales
Heather Colls proposed that the accounts be adopted which was approved unanimously.

7. **Address by BSBI Volunteers Officer**: Bob Ellis explained that the Executive was currently considering a Review Paper, the likely outcome of which would be an application to the JNCC for funding for a BSBI Plant Unit.

Bob described the Hybrids project, for which some 40,000 additional records had already been received, but with an uneven coverage across the country. The search of national herbaria was going well, and hybrid accounts were now being drafted for the final publication.

The Atlas Updating Project, now called the BSBI Maps Scheme, was also progressing well, and updated species maps can now be viewed on the BSBI web-site.

8. **Address by Plantlife Wales Officer**: Trevor Dines welcomed the joint working between the two organisations, with, for example, the inclusion of the Plantlife Newsletter in the Welsh Bulletin, and the surveys of *Campanula patula* and *Juniper*, the latter had now been published by CCW as the Welsh Juniper Inventory.

Trevor outlined two joint survey projects for 2007: testing the new arable plant record card by using it to record from examples of arable fields across Wales, and recording which invasive plant species were causing problems in natural and semi-natural habitats.

9. **Election of Officers and Committee for Wales Members**: At this point Andy Jones took over as Chairman and again thanked Goronwy Wynne for his huge contribution to the Committee through his chairmanship over the last four years.

The Committee recommended the appointment as Delyth Williams as Vice Chairman, Ray Woods to the Committee and Paul Day to become the CCW Observer. Thanks were also recorded to Joe Phillips who retires this year and is not seeking re-election. There were no
new nominations, and the other officers and committee members were standing for re-election. The AGM approved these appointments.

The Committee for Wales now comprises:
Hon. Chairman & Welsh Rep. on Council  RA Jones
Vice Chairman                  Delyth Williams
Hon. Secretary     Richard Pryce
Hon. Treasurer      Sarah Stille
Hon. Field Meetings Secretary   Wendy McCarthy
Hon. Minutes Secretary      Ian Bonner

Committee Members
Arthur Chater                      Dr Quentin Kay
Dr Trevor Dines                   Mike Porter
Stephen Evans                     Julian Woodman
Trevor Evans                      Ray Woods
Dr George Hutchinson

CCW Observer: Paul Day
Dr Trevor Dines also represents Plantlife International (Wales).

10. AGM and Exhibition Meeting 2006 & 2007: Ian Bonner took this opportunity to thank a number of people for their help in preparing for and running this weekend. Especially Doug Oliver, Senior Reserve Manager for CCW, who had undertaken the organisation of the four Saturday excursions, and to Les Colley, Simon Jones, Susan Roberts and Annie Seddon who had lead the walks. To Nigel Brown, Barbara Jones and Dewi Jones for leading the Sunday excursions. To Sam Thomas, Fred Rumsey and Ken Trewren and Nigel Brown for leading workshop sessions, and to Rod Gritten and Fred Rumsey for the evening talks. Finally to fellow committee members, the staff at Plas Tan y Bwlch for making us so welcome, and to all members who had attended and braved the rain on Saturday.

It is planned to hold the 2007 AGM and Exhibition meeting in Gower or the Vale of Glamorgan, in late July or early August, with a theme of arable plants.

12. Any Other Business: The secretary was asked to send a note of good wishes to Ann Conolly, and members were invited to sign a “get well” card to be sent to Clive Jermy, who is currently in hospital.

The Chairman closed the meeting by reiterating his thanks to everyone who had contributed to the weekend.

The AGM attendance list was signed by 48 members.

**CALENDAR OF MEETINGS 2007**

Full details and procedure for booking are available in the BSBI Year Book for 2007.

SAT 31<sup>st</sup> MAR - CONIFER WORKSHOP, LEIGHTON ARBORETUM, nr. WELSHPOOL MONTGOMERYSHIRE, (v.c. 47) - J. Green & A. Jones

SAT 9<sup>th</sup> JUN - RHYDYMWYN VALLEY NATURE RESERVE, FLINTSHIRE (v.c. 51) - D. Williams & J. Phillips
Calendar of Meetings 2007 / Reminder - BSBI Wales AGM

SAT 16th JUN - MOELYCI ENVIRONMENTAL CENTRE, TREGARTH, CAERNARVONSHIRE (v.c. 49) - J. Harold & S. Thomas

SAT 23rd JUN - CÆE BLAEN DYFFRYN PLANTLIFE RESERVE, NEAR LAMPETER, CARMARTHENSHIRE (v.c. 44) - Plantlife meeting to which BSBI members are invited - T. Dines

SAT 23rd JUN - SAT 30th JUN - GLYNHIR MANSION, LLANDYBIE, CARMARTHENSHIRE (v.c. 44) - K. & R. Pryce

SAT 30th JUN - CÆEAU TAN Y BWLCH PLANTLIFE RESERVE, CLYNNOGFAWR, CAERNARVONSHIRE (v.c. 49) - Plantlife meeting to which BSBI members are invited - T. Dines

SAT 7th JUL - OGOF FFYNNON DDU NNR, PENWYLLT, BRECONSHIRE (v.c. 42) - R. Woods

FRI 13th JUL - SUN 15th JUL - WELSH AGM and EXHIBITION MEETING, SWANSEA and associated field meetings (v.c. 41)

SAT 18th AUG - LL YN CRAFNANT, TREFRIW, CAERNARVONSHIRE (v.c. 49) - W. McCarthy

SUN 9th SEP - MARLOES, PEMBROKESHIRE (v.c. 45) - M. Sutton

**REINDER - BSBI WALES AGM**

**45th Welsh AGM & 25th Exhibition Meeting, 2007**

**Friday 13th - Sunday 15th July 2007**

This is a reminder that the BSBI Wales AGM for 2007 is being held at Swansea University, Swansea, Glamorganshire and will have the identification and conservation of Arable Weeds as its main theme. As a whole the AGM weekend is going to be mainly field-based, with workshops, the latter primarily on Saturday afternoon after collecting material in the morning. Also bring along any previously collected plant material for identification in the workshop. Full details can be found in the previous Welsh Bulletin and also on the booking form included with the January BSBI News.

There will be:
- Workshop sessions primarily on Saturday afternoon after collecting material in the morning.
- Saturday excursions to farms in Gower.
- Sunday excursions to Vale of Glamorgan farms.
- An exhibition of posters and specimens by members.

An important part of the meeting will be an exhibition of posters prepared by members - **please contribute to this!** It is a great way to communicate your observations and stimulate discussion; any material that will be of interest to other members is welcome - don’t worry about producing highly-polished, scientific posters.

Booking forms were circulated with the January 2007 issue of BSBI News.
ANGLESEY PLANTS IN 2006

For its second season the Anglesey Flora Group met each month from April to August, visiting woodland, sand dune, fen, heathland, grassland and open water. Three to ten botanists joined in under varying weather conditions from cold and wet, to almost too hot and dry for fieldwork! Thanks to Nigel Brown for arranging the programme, and to all those who participated – we hope to see you all and others in 2007. Thanks also to Owen Mountford, Martyn Stead and Ted Phenna for really useful lists from specific 1x1 km. squares (monads) across the county. I would be very pleased to receive more lists next year.

April saw the County Rare Plant Register for Anglesey published, thanks to CCW. A limited number of copies were printed for the local authority, relevant statutory bodies, conservation organisations and contributing botanists. A more comprehensive electronic version has been produced for selected organisations, which is also the basis of a Data Exchange Agreement with Cofnod, The North Wales Environmental Information Service. It is to be hoped that publication will stimulate the flow of additional and updated records, enabling a revised version of the Register to be produced before too long.

Among the more interesting records of native taxa was the discovery by Charles Aron of a hundred or so plants of Ceterach officinarum (Rustyback) on limestone rubble, near Plas Newydd making this the island's largest population, and probably only the second not on a wall of some kind. Also finding that Moenchia erecta (Upright Chickweed) grew more extensively at Tywyn Trewan, including to the west of the railway line around the edge of RAF Valley. Another airfield discovery was Cerastium arvense (Field Mouse-ear), a plant with a marked eastern distribution in Britain – has it been overlooked until now, or hitched a lift from one of the airfields in East Anglia? James Robertson found a single flower spike of Platanthera chlorantha (Greater Butterfly-orchid) in semi-improved grassland near Llanddaniel, this is a second location for this plant on Anglesey – where will it be found next? James also found a second location for Ononis spinosa (Spiny Restharrow), on a road edge near Llanddaniel, in very similar habitat to that of the first record by Geoff & Penny Radford at Dwyran in 2004. It was satisfying to find the nationally Near Threatened Pilularia globulifera (Pillwort) in new locations on both the north and south shores of Llyn Alaw.

One of the more worrying failures was that no one could find Monotropa hypopitys (Yellow Bird’s-nest) at any of its known locations in 2006. Was this due to the dry summer weather in July, or due to the decline of this plant, which is now listed as nationally Endangered? Something to be looked out for in 2007 please.

Many of the new county records are of alien species, partly because they have not been recorded in the past, even though they may have been quite well established for some years; but also because others are arriving here for the first time. In the former category are Acaena novae-zelandiae (Pirri-pirri-bur) and Rubus spectabilis (Salmonberry), both well established in the grounds at Plas Newydd. While amongst the latter Hydrocotyle runcunculoides (Floating Pennywort) appeared on a pool near Bryngwyn and Barry Wrightson recorded Galinsoga parviflora (Gallant-soldier) near Newborough (the Galinsoga quadriradiata, Shaggy-soldier), first recorded in 2004, also re-appeared in 2006 along the A55).

There have also been a few additional hybrid taxa recorded this year, just in time for inclusion in the BSBI Hybrids project, details of these and other interesting records are included in Welsh Plant Records 2006.

IAN BONNER, Cae Trefor, Tynygongl, Anglesey, LL74 8SD
PLANTAGO MEDIA (HOARY PLANTAIN) IN VICE-COUNTY 48

A large patch of this species was discovered on the 15th July 2006 extending along c.10m of the side of the former railway track, now the Mawddach long-distance footpath, between Arthog and Penmaenpool. The only previous certain record of the species in v.c. 48 that I know is one from Llandderfel, near Bala, by Thomas Ruddy in the B.E.C. Report for 1919, p.674 (1920), given as an alien occurrence. Around the 1970s there was a vague report from the same area – from a roadside somewhere between Bala and Corwen. But this was never confirmed and it is not shown in Flowering Plants of Wales or the ‘New Atlas’.

The origin of the new colony is doubtful. It is surely not native as it is a single patch in an artificial habitat in the heart of acidic country very remote from the natural occurrences on the Denbighshire limestone. There are three possible explanations – none of them entirely satisfactory.

(1) The path has become popular with walkers and cyclists and seeds of P. media could easily have been transported on footwear or wheels like the seeds of P. major, Juncus tenuis or Matricaria discoidea. But that seems unlikely in view of the remoteness of this single patch from other P. media colonies.

(2) These days one has to consider deliberate sowing of wildflower seed. But that too is unlikely as none of the ‘tell-tale’ species that one would expect, such as Centaurea cyanus, Agrostemma githago, Scandix pecten-veneris, Papaver rhoeas or Chrysanthemum segetum, is present here. And why should anyone sow just a patch of P. media in such an unlikely place?

(3) Before the closure of the railway in January 1965 the track (part of the Ruabon – Barmouth line) was richly ballasted with Carboniferous limestone reputedly originating at quarries in the Ruabon area of old Denbighshire; one could easily pick up fine Carboniferous fossils from the ballast. It seems most likely that the Plantago was accidentally introduced with this ballast and has just been quietly living its life unnoticed over the years. The size of the patch suggests it has been there a long time. Some annual calcicoles that have appeared on the track in the past – Erophila verna agg., Saxifraga tridactylites, Linum catharticum, Myosotis ramosissima – may well have come the same way.

But it is odd that I and doubtless many others have botanised the track so many times since 1965 without finding or reporting P. media till now. Perhaps it is just that we have never done the walk at quite the right time to spot the plants conspicuously in flower or that visiting observers who may have seen them have not realised that the species is a ‘notable’ in v.c. 48.

I should be glad to hear of any other occurrences of Plantago media in v.c. 48 that readers may know of.

PETER BENOIT
Pencarreg, Barmouth LL42 1BL

[The record is cited for v.c. 48 in ‘Welsh Plant Records - 2006', see this Bulletin, p. 31. eds.]
Welsh Plant Records are compiled by Gwynn Ellis, 41 Marlborough Road, Roath, Cardiff, CF23 5BU, from reports of BSBI vice-county Recorders to whom records should preferably 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* (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 also follow Kent (1992) and *Supplements 1 & 2* or, if not in that list, the *Vice-county Census Catalogue* (2003), the 2nd edition of C.A. Stace's *New Flora of the British Isles* (1997), E.J. Clement & M.C. Foster's *Alien Plants of the British Isles* (1994) or T.B. Ryves, E.J. Clement & M.C. Foster's *Alien Grasses of the British Isles* (1996). Authorities for Latin names are not given unless the name is not in any of these works. English names are those in *English Names of Wild Flowers* ed. 2 (1986) by Dony *et al.* or, if not in that list, Stace (1997), Clement & Foster (1994) or Ryves, Clement & Foster (1996). 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 a new or updated hectad 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. 
††© before the record: to indicate a species which although a native, archaeophyte or neophyte at least somewhere in the British Isles, 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 
Ø to indicate that the taxon is now believed to be extinct in the locality cited

In general, only records which update the *Vice-county Census Catalogue* (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, references to a 1km or even a 100m square may be included. A letter in parentheses following a grid reference indicates a tetrad.

The Vice-county Recorders from 1/1/2007 are:

MONMOUTH, v.c. 35; Mr T.G. Evans, La Cuesta, Mounton Road, Chepstow, Monmouthshire NP16 5BS
GLAMORGAN, v.c. 41 (West); Dr Q.O.N. Kay, West Cwm Ivy, Llanmadoc, Gower, Swansea SA3 1DG
GLAMORGAN, v.c. 41 (East); Mr J. Woodman, c/o CCW, Unit 4, Castleton Court, Fortran Road, Cardiff CF3 0LT (Please mark Personal)
BRECON, v.c. 42; Mr M. Porter, Aberhoywy Farm, Cyffredyn Lane, Llangynidr, nr Crickhowell, Powys NP8 1LR
RADNOR, v.c. 43; Dr D.R. Humphreys, Knill Court, Knill, nr Presteigne, Powys LD8 2PR
CARMARTHEN, v.c. 44; Mr R.D. Pryce, Trevethin, School Road, Pwll, Llanelli, Carmarthenshire SA15 4AL
PEMBROKE, v.c. 45; Mr S.B. Evans, Glen-y-Mor, Dinas Cross, Newport, Pembrokeshire SA42 0UQ
CARDIGAN, v.c. 46; Mr A.O. Chater, Windover, Penyrangor, Aberystwyth, Ceredigion SY23 1BJ
MONTGOMERY, v.c. 47; Mrs M. Wainwright, Troy, 1 Green End, Oswestry, Shropshire SY11 1BT and Dr A.K. Thorne (all correspondence to Mrs Wainwright)
MERIONETH, v.c. 48; Mr P.M. Benoit, Pencarreg, Barmouth, Gwynedd LL42 1BL
CAERNARFON, v.c. 49; Mrs W.N. McCarthy, 5 Tyn-y-coed, Great Orme, Llandudno, Conwy LL30 2QA
DENBIGH, v.c. 50; Mrs J.A. Green, 3 Karen Court, Denbigh, LL16 4RB
FLINT, v.c. 51; Dr G. Wynne, Gwylfa, Lixwm, Holywell, Flintshire CH8 8NQ
ANGLESEY, v.c. 52; Dr N.H. Brown, Treborth Botanic Garden, University College of North Wales, Bangor, Gwynedd LL57 2RQ and Mr I.R. Bonier (all correspondence to Dr Brown)
Welsh Plant Records - 2006 - Monmouth

MONMOUTH, v.c. 35 (comm. T.G. Evans)


+‡75/12.1. *Duchesnea indica* (Yellow-flowered Strawberry) (Llwyn Mefus Melyn). Garden & track from Chippenham Court at rear of 18 Monnow St, Monmouth, SO508.127, D.T. Price, 2006. The track qualifies it as a 1st record. I regretfully introduced it into my garden from the wall of Berkeley Church years ago and have unsuccessfully tried to eradicate ever since.


77/19.20. *Trifolium striatum* (Knotted Clover) (Meillionen Rychog). A small cluster of plants first recorded on the edge of a small gulley on an old vegetated coal waste tip, Phillipstown, SO147.033, J.N. Davies, 2006. When TGE asked to see this scarce vice-county plant, the large tip above was scoured and 1000s of plants counted; a remarkable site.


91/2.7. *Euphorbia serrulata* (Upright Spurge) (Llaethlys Syth). Two plants on waste ground in fork of two motorways, Castleton, ST252.838, H.V. Coils; c.20 plants on gravel, Werngochen Farm, Cwmcarvan, SO472.066, S.J. Tyler; 26 plants on both sides of N-S woodland track, Cleddon Hall, SO516.044, D.E. Green, (an extension of known site); garden, of 43 Wonastow Road, Monmouth, SO500.122, D.T. Price, (seen for the first time there last year and the 1st time in the 18 years he has lived there; all 2006.


107/26.3. *Bupleurum tenuissimum* (Slender Hare’s-ear) (Paladr Trwyddo Eiddilddail). Very large patches of very tall plants 45cm and upwards (usually grazed very short near the Severn) on the northern edge of a large *Limonium vulgare* colony, Little Wharf, mouth of R. Rhymney, ST2208.7751, T.G. Evans & C. Titcombe, 2006.

108/3.4. *Centaurium pulchellum* (Lesser Centaury) (Y Ganhri Goch Fach). About 300 plants in 2 areas separated by 100-200m at side of FC track, King’s Wood, SO479.128, S.J. Tyler; 20-30 plants in barish area at the shallow end of FC quarry, Minnetts Wood, Llanfihangel Rogiet, ST449.894, C. Titcombe; both 2006. After no records for 20 years (and then very rarely), this is the 6th woodland pathside record since 2002 with numerous plants.


129/1.1. *Campanula patula* (Spreading Bellflower) (Clychlys Ymledol). Over 100 plants with abundant flowers, in garden and natural meadow and wood above (formerly owned and lived in 27
years ago) by Commander Collett, Yew Tree, Lydart, SO500.091, L. Harper & J. Aidley, 2006. I had visited this garden to see Lathraea clandestina in the garden and the adjacent green lane in 1988 and told about the Campanula but not until Steph Tyler re-introduced me to the owners and the plants did I realize what a superb site I had missed for 19 years.


*†158/24.9. Allium paradoxum* (Few-flowered Leek) (Cenhinen Brinflodeuog). A few plants spontaneous appearance in 2005 in overgrown bed in lawn, La Cuesta, Chepstow, ST52.93, T.G. Evans, 2006. 1st record. The last time I saw this Garlic was in 1985 on the side of the A433 SW of Cirencester.


†162/17.1. *Spiranthes spiralis* (Autumn Lady’s-tresses) (Troellig yr Hydref). One plant on grassed top of the highest coal? waste tip above Trethomas, ST1779.9005, T.G. Evans & C. Titcombe, 2006. The most western vice-county site. The mound below had very large patches of a whitish-grey that proved to be *Anaphalis margaritacea*.


GLAMORGAN, v.c. 41 (comm. Q.O.N. Kay)


+40/2.3. *Alnus cordata* (Italian Alder) (Gwernen yr Eidal). Marcroft industrial site, Port Tennant, Swansea, SS684.934; eastern side, Tawe New Cut, SS662.935; both B. Stewart, 2004.

+†43/1.8. *Chenopodium polyspermum* (Many-seeded Goosefoot) (Troed-yr-wydd Amlhadog). Road verge, Clyne Common, with *C. ficifolium* and *C. rubrum*, SS594.894; disturbed ground, at Gorseinon, SS589.936; both A.S. Lewis, 2006.

+†43/1.13. *Chenopodium ficifolium* (Fig-leaved Goosefoot) (Troed-yr- wydd Dail Ffigys). Road verge, Clyne Common, with *C. ficifolium* and *C. rubrum*, SS594.894, A.S. Lewis, 2006.

this species first recorded in Glamorgan in 1992 on Notthill, on the western side of Pennard Pill valley (WPR 1992).


†47/2.2. *Fallopia sachalinensis* (Giant Knotweed) (Y Glymog Fawr). On waste ground south-east of railway line at Cockett, Swansea, SS633.949, I.K. Morgan & R.N. Stringer, 2006. With *F. japonica* and a large patch (c.3×5m) of *F. ×bohemica*.


†75/22.13. *Prunus insitiana* (Portugal Laurel) (Coeden Lawrgeirios Portiwigal). One bird-sown tree in light woodland, Mansel Green, Gower, SS587.891, 2005; flowering tree on embankment, at Crymlyn Burrows, SS723.932, 2005; one tree on the eastern part of Clyne Common, SS606.898, 2006; all A.S. Lewis.


†75/32.13. *Cotoneaster lacteus* (Late Cotoneaster) (Cotoneaster Diweddar). One large shrub, far from houses, on fixed dunes near the Great Plain, Whiteford Burrows, SS443.950; shrub on scrubby waste at The Pluck, Swansea, SS670.956; both A.S. Lewis, 2006.

Cotoneaster horizontalis (Wall Cotoneaster) (Cotoneaster Asgwrn). In scrub, Mynydd Brombil, Port Talbot, SS784.881, A.S. Lewis, 2005.

Cotoneaster hjelmqvistii (Hjelmqvist’s Cotoneaster) (Cotoneaster Hjelmqvist). Several bushes, with C. integrifolius, on cliff slope, Horton, Gower, SS472.858; plus single bush, with C. horizontalis, on former landfill in Clyne Valley, Swansea, SS613.920, det. J. Fryer; plus on embankment, with C. bullatus and C. horizontalis, Crymlyn Burrows, SS723.932; all A.S. Lewis, 2005.


Colutea arborescens (Bladder-senna) (Senna Codog). Several well-established shrubs on river bank, Morfa, Swansea, SS663.957, A.S. Lewis, 2006.

Laburnum anagyroides (Laburnum) (Tresi Aur). Hedgerows (extending for several hundred metres), near Hirwaun, SN953.052, A.S. Lewis, 2005. Long-established and known to local farmers, but not recorded here by botanists since 1907 (Riddelsdell).

Cytisus striatus (Hairy-fruited Broom) (Banhadlen Godflewog). Roadside bank, with seedlings, Llanelli Link Road, Loughor, SS577.974, A.S. Lewis, 2005.

Spartium junceum (Spanish Broom) (Banhadlen Sbaen). Single bush, probably bird-sown, on grass verge of B4265 at St Athan, ST008.674, A.S. Lewis, 2005.

Elaeagnus multiflora (Cherry Elaeagnus). Single bush, presumably bird-sown, on rough ground by disused railway, Port Tennant, Swansea, SS681.932, A.S. Lewis, 2005, conf. RHS Wisley. 1st Welsh record.


Euphorbia amygdaloides subsp. robbiae (Leathery Wood-spurge). Roadside bank, Penrice, Gower, SS492.875, 2005 (here since 2001 at least); plus a large patch in disused quarry, Rhoose, ST053.659, 2006; both A.S. Lewis.

Euphorbia characias subsp. characias (Mediterranean Spurge) (Llaethlys Mor y Canoldir). Self-seeding freely by riverside walk, St Thomas, Swansea, SS681.932, A.S. Lewis, 2005. 1st record.


Geranium endressii (French Crane’s-bill) (Pig-yr-Aran Ffrainc). With G. x magnificum and G. pratense, Garn-lwyd, Morriston, SS661.975, I.K. Morgan, 2006. 1st record.


Polemonium caeruleum (Tacob’s-ladder) (Ysgol Jacob). One flowering clump by bridleway, Mill Lane, Mayals, Swansea, SS612.907, P.V. & A.S. Lewis, 2005. 1st record as neophyte.


Sambucus ebulus (Dwarf Elder) (Ysgawen Fair). In hedge by path from Sandy Lane to Penard Burrows, SS54.88, R. Castell, 2004.

Viburnum rhytidophyllum (Wrinkled Viburnum) (Gwifwrnwydden Grech). probably bird-sown on road verge, Bishowell, Gowerton, SS594.956; one small shrub in mixed woodland, Penllergaer valley, SS623.992; both A.S. Lewis, 2006. 1st & 2nd records.

Lonicera pileata (Box-leaved Honeysuckle) (Gwyddfid Llorweddol). Bird-sown at edge of wall, Mayhill, Swansea, SS643.943, I.K. Morgan, 2006, NMW. 1st record.

Onopordum acanthium (Cotton Thistle) (Ysgallen Gotwm). Several plants on sandy waste, Port Eynon, SS471.855, A.S. Lewis, 2006. 1st recent record. (A single plant was recorded by ASL on a stony verge at Horton, SS470.858, in September 2001)


Galinsoga quadriradiata (Shaggy-soldier) (Galinsoga Blewog). Frequent on disturbed ground, with Chenopodium rubrum, at Gorseinon, SS589.936, A.S. Lewis, 2006.


Flora of Glamorgan). 1st recent record. (A single plant was recorded as neophyte.


Muscaria armeniacum (Garden Grape-hyacinth) (Clychau Dulas yr Ardd). Cemetery, below Blue Anchor Road, Penclawdd, SS547.953, NMW; +Plasmarl, Swansea, SS662.966; both I.K. Morgan, 2006.

Narcissus cyclamineus (Cyclamen-flowered Daffodil) (Cenhinen Bedr Atblygol). In valley mire at top of Cwm Clydach on western side of river and in September 2001)

Ophrys apifera (Bee Orchid) (Tegeirian y Wenynen). Seven spikes, found on Llanilid side (see 1984 record in Flora of Glamorgan).


BRECKNOCK, v.c. 42 (comm. M. Porter)


+91/2.16. Euphorbia amygdaloides (Wood Spurge) (Llaethlys y Coed). Copse, Trewalkin, 3km S of Talgarth, SO151.348, M. Porter et al., 2006.


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


+17/3.3b. Dryopteris affinis subsp. cambrensis (Scaly Male-fern) (Marchredynen Buraid). +Hedge, Caeau Blaenu Mawr SSSI, SN593.123, BSBI Meeting; +One plant on acid roadside bank, N side of road junction, NE of Plasnewydd, Mynydd Figyn, SN594.305, R.D. Pryce & K.A. Pryce; both 2006.
17/3.5. **Dryopteris aemula** (Hay-scented Buckler-fern) (Marchredynen Ber). More than 60 mature plants with a few young ones, in a humid, wooded ravine, side valley of Tywi, Gelli Aur, SN585.192, I.K. Morgan & Mike Smith, 2006, NMW. Rediscovery of William Davies' (Gwilym Teilo) record published in 1858 who stated that 'this rare fern is found growing in a wood not far from Golden Grove', this being the only likely wood with suitable habitat in the area.


++20/1.3. **Abies procera** (Noble Fir) (Ffynidwydden Urddasol). Mixed mature groups of conifers and single trees mixed with native broad-leaves on open south-facing hillside generally dominated by bracken, West Mead Farm, Pendine, SN263.094, R.D. & K.A. Pryce, 2006.

++20/3.1. **Tsuga heterophylla** (Western Hemlock-spruce) (Sbriwsen-hemlog y Gorllewin). At least one self-sown plant by track in mixed mature groups of conifers and single trees mixed with native broad-leaves on open south-facing hillside generally dominated by bracken, West Mead Farm, Pendine, SN263.094, R.D. & K.A. Pryce, 2006. 1st record as a neophyte.


++21/4.chi. **Juniperus chinensis** (Chinese Juniper). Field hedge, Broad Oak, SN579.226, V. & A. Lewis, 2006, NMW. 1st record. One mature tree 3-4m tall, c.40cm in girth, cultivar with white leaf sprays at end of each branch, no cones visible, cut by hedge cutting. Known here for at least 40 years by landowner but girth would indicate that it is considerably older.


++30/6.1. **Eschscholzia californica** (Californian Poppy) (Pabi California). ©Self sown in gravel hard-standing parking area, Red Roses, SN204.117, R.D. Pryce; +many plants in layby on SE side of road, Glynhir Road, Llandybie, SN635.148, BSBI Meeting; both 2006. The latter, 1st record as neophyte (see BSBI News No. 105 for photo).


+44/1.1. **Amaranthus retroflexus** (Common Amaranth) (Blodyn Amor). One plant on track verge where bagged silage stored E of maize field, West Mead Farm, Pendine, SN264.096, R.D. & K.A. Pryce, 2006.

+44/1.2. **Amaranthus hybridus** (Green Amaranth) (Blodyn Amor Gwyrrd). ©Several plants (remaining even after harvesting) in maize field, West Mead Farm, Pendine, SN264.096, R.D. & K.A. Pryce, 2006.

*46/1.1.1lo. **Arenaria serpyllifolia** subsp **loydii** [Dune Sandwort]. Dry disturbed dunes, E11 Range, Pendine Ranges, SN321.076, A.J. Silverside, 2006, NMW. 1st record for subspecies which is probably better treated as a variety or form.


Rumex ×ruhmeri (R. conglomeratus × R. sanguineus) (a hybrid dock). One plant with parents in cattle trampled rough pasture particularly towards field margins in marshy field E of Pont Cellyn near Twyn Farm, SN535.217, G.D. Kitchener, 2006.

Rumex ×abortivus (R. conglomeratus × R. obtusifolius) (a hybrid dock). +Edge of saltmarsh (with both parents), Laugharne, SN303.108; +with both parents, Dryslwyn, between castle mound and river, SN553.201; both G.D. Kitchener, 2006; +cycle track, N verge, Penclacwyd Wildfowl Centre, SS533.980, BSBI Meeting, 2006, NMW, det. M.O. Stead. 1st records.


Abutilon theophrasti (Velvetleat) (Deilen Felfed). In flower and fruit in disturbed ground on road construction site with Echinochloa crus-galli and Lactuca serriola near Morfa Roundabout, SS517.986, V & A Lewis, 2005. 1st record.


Anagallis minima (Chaffweed) (Gwlyddyn-Mair Bach). Disturbed wet dune hollow, E11 Range, Pendine Ranges, Laugharne burrows. W of cattle fence, SN320.075; abundant as 'understorey' in c.30cm high damp sward at top saltmarsh, Tywyn Burrows, SN379.048; both BSBI Meeting, 2006, NMW, det. G.M. Kay, A.J. Silverside et al. (in field).


+75/8.319. **Rubus altiarcticus** (a bramble) (Llwyn Mwyar Duon).


+75/15.2. **Agrimonia procera** (Fragrant Agrimony) (Llysiau'r-dryw). Three plants on field side of roadside hedge cut to c.3m, Aberdeunant, SN673.304, R.D. Pryce, 2006.

+75/17.1. **Sanguisorba officinalis** (Great Burnet) (Bwrned Mawr). At least two stands on grassy bank by stream through graveyard, Ffynnon Henry Chapel, SS552.986; both NMW, det. G.D. Kitchener; +National Botanic Garden of Wales, Middleton, SN520.219, G.D. Kitchener, 2006; +Tywyn Burrows, SN378.048, 1st & 2nd records.


+75/22.11. **Prunus padus** (Bird Cherry) (Cotoneaster Diels). Substantial stand with many suckers under tall alders at entrance to coal washery, Y Garth, Cae'r-bryn, SN613.135, R.D. Pryce, 2006.

+75/32.10. **Cotoneaster salicifolius** (Willow-leaved Cotoneaster) (Cotoneaster Dail Helyg). Several plants scattered over c.100×200m area on W edge of gravelly hard-standing becoming colonised by scrub and drought resistant herbs, Bynea, SS552.986; one bird-sown plant of procumbent form, on stony waste ground, Machynys, E of Lidl store, SS512.986; both V & A Lewis, 2006.


*84/1.2×6. **Epilobium × dacieum** (E. parviflorum × E. obscurum) (a hybrid willowherb). Pantyffynnon Station, SN622.107; +Llandeilo Station, SN633.225; both BSBI Meeting, 2006, det.G.D. Kitchener. 1st & 2nd records.


84/1.3x6. Epilobium ×aggregatum (E. montanum × E. obscurum) (a hybrid willowherb). +S of B4300, SN570.197, G.D. Kitchener; +Brechfa, SN525.303, G.D. Kitchener; +Pantyffynnon Station, SN622.107, BSBI Meeting; +Llandeilo Station, SN63.22, BSBI Meeting; all 2006, det.G.D. Kitchener.

*84/1.3x8. Epilobium ×interjectum (E. montanum × E. ciliatum) (a hybrid willowherb). +Llandeilo Station, SN63.22, BSBI Meeting; +Talley, SN631.328; both G.D. Kitchener, 2006, det.G.D. Kitchener. 1st & 2nd records.

+84/1.4. Epilobium lanceolatum (Spear-leaved Willowherb) (Helyglys Gwaywddail). Two to three plants on gravelly substrate at N end of north-bound platform, Llandeilo Station, SN633.226, BSBI Meeting, 2006.


+84/1.6x8. Epilobium ×vinicinum (E. obscurum × E. ciliatum) (a hybrid willowherb). +Above Cothi valley, SN53.23, G.D. Kitchener; +N of Brechfa, SN520.319, S. Kitchener; +Pantyffynnon Station, SN622.107, BSBI Meeting; +Felin-y-coed, Taliaris, SN643.266, BSBI Meeting; +Dolaucotio gold mines, SN663.401, G.D. Kitchener; all 2006, det.G.D. Kitchener.


Welsh Plant Records - 2006 - Carmarthen

†124/12.1. Kickxia elatine (Sharp-leaved Fluellen) (Llysiau-Llywelyn). Several plants, mainly along field headlands of maize field, West Mead Farm, Pendine, SN263.09S, R.D. Pryce, 2006, NMW.
†135/35.1. Inula helenium (Elecampane) (Marchalan). ‡One large flowering plant in vegetable garden, Llandeilo, Crescent Road, SN630.222, H.J. Killick, 2006.
†135/65.1. Delairea odorata (German-ivy) (Creulys Dail Eiddew). Overflowing over garden wall onto roadside vegetation, Llanybri, SN336.125, I.K. Morgan & R.N. Stringer, 2005. 1st Welsh record. Young plants from seed or rooting of rampant stems present. Also across road. This species is not supposed to be fully hardy but, judging from the size of the plant in the garden, has managed quite well at Llanybri in recent winters. It is naturalised in the Scilly Islands, Cornwall and Channel Islands. Now Carmarthen!...
Ligularia cv. ‘The Rocket’ (? L. przewalskii × L. stenocephala) (a leopard plant).


Butomus umbellatus (Flowering-rush) (Brwynen Flodeuog). ©Well established in eutrophic pond inside sea wall constructed within the last decade as part of the Machynys Golf Course development, SS516.978, I.K. Morgan, 2006, NMW. 1st record.


Welsh Plant Records - 2006 - Carmarthen / Pembrok


+160/3.1. Cordyline australis (Cabbage-palm) (Palmwydden Fresych). Seeding at junction of sandstone wall and unmetalled backlane, Sandy Road, Iscoed, Llanelli, SN494.007, I.K. Morgan, 2006. 1st Welsh record as a neophyte. IKM reports that he has watched this plant for the last two years or so (he didn’t know what it was initially). He has seen local cabbage palms produce fruit in the last few years and they are eaten by birds.

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


+5/1.1. Ophioglossum vulgatum s.l. (Adder's-tongue) (Tafod y Neidr). About 60 fronds in 2 groups in unimproved hay meadow, Bee-hall Farm, Pembroke, SN005.018, S. & A. Coker, 2005. Also found on 7/5/2006 at SN0908.0365 in Wyndrush Pastures, Redberth; +100s of fronds in winter flushed very slight depressions on cattle grazed short heathland turf, on edge of heathland that was ploughed in the 1980s, Plumstone Mountain, SM912.231, J. Hudson, 2006.

+17/3.5. Dryopteris aemula (Hay-scented Buckler-fern) (Marchredynen Ber). Woodland, Treffgarne gorge, SM962.242, J. Hudson, 2006. Several clumps at a small springhead under conifers and oak. Also found on 7/5/2006 at SN0908.0365 in Wyndrush Pastures, Redberth; +100s of fronds in winter flushed very slight depressions on cattle grazed short heathland turf, on edge of heathland that was ploughed in the 1980s, Plumstone Mountain, SM912.231, J. Hudson, 2006.


+43/1.6. Chenopodium rubrum (Red Goosefoot) (Troed-yr-wydd Coch). ©Over thirty plants in wide layby with muck traces, Crug-las Farm, Croesgoch, SM807.292, (site used as major farmyard manure dump in previous years); +2 plants in disused quarry in field, Beulah Hill, Little Newcastle, SM981.285; both S. Bosanquet, 2006.


+45/3.1d. Montia fontana subsp. chondrosperma (Blinks) (Porpin y Ffynnon). Abundant on damp heathy road verge, with young Ulex europaeus and various bryophytes, opposite Thornton turnoff, south-west of Trier’s Cross, SM893.090, S. Bosanquet, 2006.


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+62/34.5. **Brassica nigra** (Black Mustard) (Mwstard Du). ©Growing with **Anchusa arvensis** in disturbed area in dunes on the edge of the golf course by the side of a tee, Newport Dunes, SN053.404, S.B. & A.E. Evans, 2006.

+73/11. **Crassula tilaea** (Mossy Stonecrop) (Corchwyn Mwsoglog). Abundant in the car-park W of the dam, Llys-y-fran Reservoir, SN035.242, S. Bosanquet, 2006. 2nd record - the other was from Manorbier car-park in 1996 where it has persisted.

*©73/5.kam. **Sedum kamtschaticum** var. **ellaecombianum** (Kamchatka Stonecrop) (Briwyg Camtsiatca). Over 30 plants, including small seedlings, on waste ground of disused scrap metal depot, Johnston, SM932.110, S. Bosanquet, 2006, det. S. Bosanquet & A.O. Chater. 1st Welsh record.

+74/5.19. **Saxifraga tridactylites** (Rue-leaved Saxifrage) (Tormaen Tribys). Bare ground, Llawhaden Castle, SN0n.174, Dr J. Partridge, 2000. Still present in the Castle in January 2007 - SBE/AEE; ±car-park made from old quarry floor, Treffgarne gorge, SM932.242; ±flat concrete roof W of lane by old Stables, Llwyngwair, Newport, SN0n.395; both J. Hudson, 2006.


+107/40.1. **Pastinaca sativa** (Wild Parsnip) (Panasen Wyllt). ©Two plants in disturbed ground on gravel entrance to building site, Johnston, SM933.109, S. Bosanquet, 2006. Not found before during visits to the same field in earlier years.

+118/5.6. **Lamium amplexicaule** (Henbit Dead-nettle) (Marddanhadlen Goch Ddeilgron). Growing on edge of cereal crop in coastal field, W of Aberbach, Dinas, SM945.387, S.B. & A.E. Evans, 2006. Not found before during visits to the same field in early years.


+124/13.1x4. **Linaria xsepium** (L. vulgaris × L. repens) (a hybrid toadflax). One plant of the hybrid with both parents on railway ballast on the western edge of the railway line S and W of the platform, Milford Haven railway station, SM989.061, S.B. Evans, 2006.


+124/23.1. **Parentucellia viscosa** (Yellow Bartsia) (Gorudd Melyn). ©A seeded turf stripped damp area, Knapps Farm, Marletwy, SN059.102, M. Sutton, 2006. Area seeded by spreading cuttings taken by Rytec flail mower from an adjoining SSSI.

+127/1.1. **Acanthus mollis** (Bear's-breech) (Troed yr Arth). Road edge which passes through secondary woodland near the top of a steep hill, Brynhenllan, Dinas, SN008.397, S.B. Evans, 2006. There are gardens higher up the hill.

+133/1.4. **Valerianella dentata** (Narrow-fruited Cornsalad) (Gwylaeth-yr-oen Meinffrwyth). Two plants in gap for new gateway between arable fields, Penrhiiw Farm, Goodwick, SM945.388, S.B.
Welsh Plant Records - 2006 - Pembroke

A.E. Evans, 2006. New gateway created in 2006 by taking down part of an old Pembroksire hedgebank between OS5679 & 6490 on an organic farm. Buried seed??


+152/7. *Schoenoplectus lacustris* (Common Club-rush) (Llafrwynen). ©Swamp, Wern Moor, Tretio, SM78.28. S. Bosanquet & D. Reed, 2001. The plant is not believed to be native but is regarded as a Neophyte. Confirmation of an earlier National Trust record.

†152/12.1. *Schoenus nigricans* (Black Bog-rush) (Corsfrwynen Ddu). Over 100 clumps of *Schoenus* in a small area in a moorland flush, Rhos y Bryn, Mynydd Prescelly, SN095.332, A.J. Turner, 2005. Despite numerous surveys of this extensive heathland over many years this long-standing population had been missed.


+153/12.1. *Festuca pratensis* (Meadow Fescue) (peiswellt). Treleddyd-fawr Moor, St David’s, SM76.27. S. Bosanquet & D. Dobson, 2001. 1st recent hectad record.


CARDIGAN, v.c. 46 (comm. A.O. Chater)


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+35/2.1. **Ficus carica** (Fig) (Ffigysbren). ©Planted tree in hedge, by sewage works, Glanyrafon, SN6063.8002, A.O. Chater, 2006. 1st record.


+61/2.13. **Salix eriocephala** (Heart-leaved Willow) (Helygen Dail Calon). Scrub, originally planted and spreading vigorously, E of sewage works, Glanyrafon, SN6060.8010, A.O. Chater, 2006, NMW.


+75/3.5. **Spiraea japonica** (Japanese Spiraea) (Erwain Japan). ©Waste ground, boatbuilding yard, Ynys-las, SN616.933, A.O. Chater & J.P. Woodman, 2006, NMW.


Welsh Plant Records - 2006 - Cardigan


† 75/17.3b. Sanguisorba minor subsp. muricata (Fodder Burnet) (Bwried Ebran). Road verges, Nantyrarian visitor centre, SN717.813, A.O. Chater, 2006. New altitude limit (320m).


+88/1.1. Lithospermum officinale var. intermedius (Spindle) (Piswydden). Wooded slope, 400m NW of Coedmore, Teifi gorge, SN919.4372, A.O. Chater, 2006, NMW. 1st record of variety.

* 93/2.2. Parthenocissus inserta (False Virginia-creeper) (Dringwr Fflamgoch Ffug). Willow carr by road, Llancynfelyn Common, SN642.923, AO. Chater, 2006, NMW. 1st record as neophyte.


+116/4.1. Symphytum officinale var. purpureum (Common Comfrey) (Cyfardwr). Dominant, with Aster spp. in area 75×7m on old allotment site, between Afon Rheidol and Bvd St. Brieuc, Aberystwyth, SN5880.8113, A.O. Chater, 2006, NMW. 1st record of variety.


Welsh Plant Records - 2006 - Cardigan / Montgomery

Welsh Plant Records - 2006 - Cardigan / Montgomery


*153/18.2pur. _Poa annua_ f. _purpurea_ (Annual Meadow-grass) (Gweunwellt Unflwydd). Flowerbeds and paths, Archibalds’ garden centre, Ffostrasol, SN363.477, J.P. Poland & A.O. Chater, 2006, NMW. 1st record of forma. This almost invisible form was described by M.L. Grant in _Watsonia_ 24: 525-526 (2003) and seems to be known only from gardens.


*©153/68. _Echinochloa colon a_ (Shama Millet) (Cibogwellt y Trofannau). Bird-seed casual by bus station, Aberystwyth, SN586.816, A.O. Chater, 2006, NMW. 1st V.C.


†159/2. _Sisyrinchium californicum_ (Yellow-eyed-grass) (Sisirinciwm Melyn). Abundant in area 30x10m on gravelly scrub slope, Maes-y-pwll, New Quay, SN391.595, A.O. Chater, 2006, NMW, conf. E.J. Clement. 1st record.


Montgomery, v.c. 47 (comm. Mrs M. Wainwright)


†74/5.15. _Saxifraga granulata_ (Meadow Saxifrage) (Tormaen Gwyn y Gweunydd). A few plants, evidently self-sown from somewhere, amongst a closed carpet of _Sedum album_, occasional _S. acre_ and rare _S. spurium_ on a pitched turf roof of one of the buildings at the Centre for Alternative Technology, near Corris, SH7.0, S.P. Chambers, 2006, NMW, conf. E.J. Clement. 1st record.


Montgomery, v.c. 47 (comm. Mrs M. Wainwright)


Setaria pumila nearby.


Setaria pumila nearby.


152/16.25. Carex aurita (Slender Tufted-sedge) (Hesgen Tywysennau Main). Two dense stands 10x15 & 10x15m on lake shore in Spahgnum, Hydrocotyle, etc., later colonised by Bidens tripartita, Lake Vyrnwy, SH965.239, K. Thorne & M. Wainwright, 2006, det. A.O. Chater. 3rd, but probably only extant record. Previous records not seen since 1970s.


MERIONETH, v.c. 48 (comm. P.M. Benoit)


+11/1.1×2. Polypodium ×mantoniae (P. interjectum × P. vulgare) (a hybrid polypody). +Roadside wall near Maentwrog power station, SH6.3; +mortared wall at Llanymawddwy, SH8.1, P. Benoit, 2006. Resembling P. interjectum in its habitat and robust coriaceous fronds with large sori, but with imperfect spores, annuli intermediate between interjectum and vulgare, and small stomata (guard cells 50-53μm long).


+15/2.5a. Asplenium trichomanes subsp. trichomanes (Maidenhair Spleenwort) (Duegredynen Gwallt y Forwyn). About 3 clumps on a calcareous wall near Llandrillo, S10.3, P.M. Benoit, 2006. An unusual habitat for the subspecies which is here about at the eastern limit of its range in Wales. But attracted attention by its characteristic dense mass of pale-brown dead petioles and the shape and delicate texture of the pinnae, and proved to have small spores (29.6-) c.33.3 (-35.0)μm.


[74/5.15. Saxifraga granulata (Meadow Saxifrage) (Tormaen y Gweunydd). Correction. The record from the Centre for Alternative Technology near Corris, SH7.0, in the Welsh Bulletin No.76, p.42 (2005) belongs to MONTGOMERY v.c. 47, not Merioneth v.c. 48 as stated.]


+‡118/4.1c. Lamiastrum galeobdolon subsp. argentatum (Variegated Yellow Archangel) (Marddanhadlen Felen Arianndail). +Coed Bronygraig, Harlech, SH5.3; +wooded bank of the River Dyfi near Mallwyd bridge, SH18.1, both P.M. Benoit, 2006.

+12/11.2. Plantago media (Hoary Plantain) (Llyriad Llwyd). ÀA large patch on the disused railway track, now a long distance footpath, between Arthog and Penmaenpool, SH6.1, P.M. Benoit, 2006. 1st recent record. (See separate note p. 9).

+‡124/16.24b. Veronica hederifolia subsp. lucorum (Ivy-leaved Speedwell) (Rhwyddfyn Dail Eiddew). Roadsides at Aberangell, SH8.0 & 8.1; +roadside at Llanymawddwy, SH9.1; both P.M. Benoit, 2006.


+‡135/71.3. Petasites albus (White Butterbur) (Alan Bach). +Laneside near Llandderfel, SH9.3, reported by J.H. & G. Armfield in the 1960s and P.M. Benoit, 2005-06. Still there in vast quantity, the dominant species along c.60m of the laneside, the male plant; +laneside bank at Bodlonde, Dolgellau, SH7.1, Betty Jones (Ysgol y Gader), 1961; still there but threatened by the building of bungalows and improvement of the lane, 2006; along c.9m of the laneside with 20 inflorescences counted in 2006; also the male plant, P.M. Benoit. The patch of the female plant reported from Llanymawddwy, SH9.1, in the Welsh Bulletin 77: 47 (2005) bore c.329 inflorescences in 2006 (counted by Arthur Chater) and extended along c.20m of the roadside. These three are the only known sites for the species in v.c. 48.

+‡135/73.1. Calendula officinalis (Pot Marigold) (Melyn Mair). ©Two plants c.20m apart at foot of soil mound in small field beside the Talyllyn railway, Hen-dy near Tywyn, SH15.0, S.P Chambers, 2006. 1st recent record.

*‡135/73.2. Calendula arvensis (Field Marigold) (Melyn-Mair yr Ýd). Numerous plants (possibly from bird seed) at supermarket car-park and base of hotel wall, Park Road, Barmouth, SH6.1, P.M. Benoit, 2006. 1st record. Flowered continuously throughout the mild winter of 2006-7.


+153/39.1×4. Agrostis ×murbeckii (A. capillaris × A. stolonifera) (a hybrid bent). Roadside near Bron Meirion, Arthog, SH6.1, P.M. Benoit, 2006. 1st recent record. With both parents, no other Agrostis present. Characters intermediate and was at just the right stage for the yellow indehiscent anthers to be obvious.

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+15/2.3. Asplenium obovatum subsp. lanceolatum (Lanceolate Spleenwort) (Duegredynen Hirgul). In stonework of field wall near Eithinog Uchaf, Penygroes, SH45.53, W. McCarthy, 2006.


+17/3.8. Dryopteris carthusiana (Narrow Buckler-fern) (Marchredynen Gul). Wet heath near Bryn farm, Nefyn, SH35.40; marshy field near Llyn Chwythlyn, Maenan, SH33.64; both W. McCarthy, 2006.


* +73/5.4. Sedum spectabile (Butterfly Stonecrop) (Briwen l’Ar Fach yr Haf). In hedge bank, Chwilog, SH43.39; bank of Afon Llyfní, Talysarn, SH48.52; both Caems. rec. group, 2006, det. S. Thomas.


* +79/2.2. Myriophyllum aquaticum (Parrot’s-feather) (Pluyn Parot). Edge of Afon Llyfní, near Talysarn, SH48.52, Caems. rec. group; pond at Methlem farm, SH17.30, independently noted by R. Dawes & T. Pearson and W. McCarthy & M. Stead; both 2006. 1st & 2nd records.


Welsh Plant Records - 2006 - Caernarfon

+116/6.4. Anchusa arvensis (Bugloss) (Llysiau'r-gwrid y Tir àr). Two plants on disturbed ground, Vaynol park, Bangor, SH54.69, W. McCarthy & M. Stead, 2006.


+118/14.2. Chaenorrhinum minus (Small Toadflax) (Trwyn-y-llo Bach). Slate waste tip, Talysarn, SH48.51, J. Harold; along railway line, Roman Bridge, SH71.51, W. McCarthy; both 2006.


+152/16.44x46. Carex × fulva (C. hostiana × C. viridula) (a hybrid sedge). +marshy field near Chwilog, SH43.39, Caerns. rec group; +marshy field near Llyn Chwythlyn, SH83.64, W. McCarthy; both 2006.


**Equisetum ×litorale** (E. fluviatile × E. arvense) (Shore Horsetail) (Marchrwnn en y Glennydd). +Streamside, Llyn Brenig, SH983.559, J.A. Green, conf. P. Acock; +wet wood, Llanharaednr near Denbigh, SJ084.641, BSBI group; both 2006.

**Equisetum telmateia** (Great Horsetail) (Marchrawnen Fawr). +Roadside ditch, Abergele, SH955.768; +wet wood, Llandyrnog, SJ096.656; both J.A. Green, 2006.

**Cryptogramma crisp a** (Parsley Fern) (Rhedynen Bersli). Mountain summit scree, Cadair Berwyn, SJ1071.324, M. Rand, 2006. 1st recent hectad record.

**Gymnocarpium dryopteris** (Oak Fern) (Rhedynen Dridarn). Wet stoney ditch, Pandy, SH955.765; +riverside, Pandy, SJ1196.351; both J.A. Green, 2006.


**Chamaecyparis lawsoniana** (Lawson’s Cypress) (Cypreswydden Lawson). +Deciduous wood, underplanted, Bontuchel, SJ1085.573, S. Stille & J.A. Green, 2005. Very under-recorded and 1st record of other than a planted tree; ©planted in wood, Llandyrnog, SJ096.656, J.A. Green, 2006.

**Araucaria araucana** (Monkey-puzzle) (Cas Gan Fwnci). ©Near houses, Bontuchel, SJ1090.579, J.A. Green, 2005. 2nd record.

**Taxus baccata** (Yew) (Ywen). Forestry Commision wood, Bontuchel, SJ085.573, J.A. Green, 2005.


**Chenopodium bonus-henricus** (Good-King-Henry) (Llysiau’r Gwrda). Farm gateway, Llansilin, SJ1223.297, J.A. Green, 2006.

**Salix alba** (White Willow) (Helygen Wen). Field hedge, Llandegla, SJ249.526, J.A. Green, 2006.


**Lunaria annua** (Honesty) (Swllt Dyn Tlawd). Roadside, Llysfaen, SH888.773, J.A. Green, 2006.

**Coronopus squamatus** (Lesser Swine-cress) (Olbrain Bach). Farm gateway, Llansilin, SJ1218.293, J.A. Green, 2006.

Welsh Plant Records - 2006 - Denbigh


+105/1. Impatiens glandulifera (Indian Balsam) (Jac y Neidiwr). Wet wood, Llandyrnog, SJ096.656, J.A. Green, 2006.


+118/5. Lamium maculatum (Spotted Dead-nettle) (Marddanhadlen Fraith). Llysfaen, SH888.773, J.A. Green, 2006.


†152/16.7. **Carex spicata** (Spiked Sedge) (Hesgen Ysbigog Borffor). Dry roadside bank, Llanrhaeadr ym Mochnant, SJ115.268, J.A. Green, 2006.


†153/13.2. **Vulpia bromoides** (Squirreltail Fescue) (Peisgwellt Cynffon Gwiwer). River shingle, Llanrhaeadr ym Mochnant, SJ144.243, J.A. Green, 2006.


‡158/20.3. **Hyacinthoides hispanica** (Spanish Bluebell) (Clychau'r-gog Sbaenaidd). Llysfaen, SH888.773; +wild garden, Llandyrnog, SJ096.656; both J.A. Green, 2006.


FLINT, v.c. 51 (comm. G. Wynne)

†30/1.3. **Papaver somniferum** (Opium Poppy) (Llysiau Cwsg). ‡Disturbed ground on old industrial site, Rhydymwyn Valley Nature Reserve, SJ205.665, J.A. Green, 2004. 2nd recent hectad record.


Welsh Plant Records - 2006 - Flint


*$75/17.3b. Sanguisorba minor* subsp. *muricata* (Fodder Burnet) (*Bwrned Ebran*). Disturbed ground (probably from wild-flower seed mixture) on old industrial site, Rhydymwyn Valley Reserve, SJ205.665, J. A. Green, 2004. 1st record for subspecies.


*§115/1.1. **Phacelia tanacetifolia** (Phacelia) (Ffaselasia) (Ffaselia). Bare ground on old industrial site, Rhydymwyn Valley Nature Reserve, SJ205.665, J. Phillips, 2006. 1st record.


135/56.1. **Chrysanthemum segetum** (Corn Marigold) (Melyn yr Æd). Bare ground on old industrial site, Rhydymwyn Valley Nature Reserve, SJ205.665, J. Phillips, 2006. 2nd recent hectad record.


Welsh Plant Records - 2006 - Flint / Anglesey


**Ceratophyllum demersum** (Rigid Hornwort) (Cyrnddail Caled). Old mill pond, Hen Felin Ddwr, Llangefni, SH456.753, I. Bonner, 2006, herb. IRB.

**Selaginella kraussiana** (Krauss’s Clubmoss) (Cnwp-fwsogl Krauss). Well established in lawns, Plas Newydd, SH563.787, I. Bonner, 2006, herb. IRB.


**Geranium pusillum** (Small-flowered Crane’s-bill) (Pig-yr-aran Fiin-flodeuog). On rock by farm buildings, single clump, Penrhn, SH287.840, L Bonner, 2006, herb. IRB.

**Erodium maritimum** (Sea Stork’s-bill) (Pig-y-creyr Arfor). Rabbit grazed ground, Gwalchmai, SH381.765, I. Bonner, 2006.

**Hydrocotyle ranunculoides** (Floating Pennywort) (Dail-ceiniog Arnofiol). Borrowpit by A55, 2×2m. patch, Bryngwran, SH348.771, O. Mountford, 2006, herb. IRB.

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**Selaginella kraussiana** (Krauss’s Clubmoss) (Cnwp-fwsogl Krauss). Well established in lawns, Plas Newydd, SH520.693, I. Bonner, 2006.


**Cerastium arvense** (Field Mouse-ear) (Clust-y-llygoden y Meysydd). Dune grassland, Valley, SH30.74, I. Bonner & R. Birch, 2006, herb. IRB. 1st record. Presumed native - link to Eastern Ireland (or from an air base in E Anglia?).


**Salix acutifolia** (Siberian Violet-willow) (Helygen Borffor Siberia). Lakeside, Llyn Alaw, SH388.871, I. Bonner & M. Stead, 2006, herb. IRB, det. A.O. Chater. 1st British record as established neophyte. Originally planted with other willows around the reservoir margin.


**Geranium pusillum** (Small-flowered Crane’s-bill) (Pig-yr-aran Fiin-flodeuog). On rock by farm buildings, single clump, Penrhn, SH287.840, I. Bonner, 2006, herb. IRB.

**Erodium maritimum** (Sea Stork’s-bill) (Pig-y-creyr Arfor). Rabbit grazed ground, Gwalchmai, SH381.765, I. Bonner, 2006.

**Hydrocotyle ranunculoides** (Floating Pennywort) (Dail-ceiniog Arnofiol). Borrowpit by A55, 2×2m. patch, Bryngwran, SH348.771, O. Mountford, 2006, herb. IRB. 1st record.
Welsh Plant Records - 2006 - Anglesey / Request - Aquatic Plants


REQUEST

AQUATIC PLANTS

A reminder to request in BSBI NEWS, Jan 2007, No. 104, p.50

In order to gain experience for a small study on Utricularia, I would be grateful to receive live material (sent in a sealable bag, damp, between newspaper or kitchen towel). Flowering material would be very useful in relation to identification but would welcome vegetative material (live) in order to carry out a growing trial. Also for general experience in aquatic and sub-aquatic plants in any genus, if you have any spare material preferably fresh, these would be gratefully received. Send usual recording details. (a.s.a.p.). Postage can be paid if required (anyone in Europe knowing U. bremii would be welcome to send material) to:

MICHAEL WILCOX
32 Shawbridge St, Clitheroe, BB7 1LZ, Lancs., UK
E-mail: Michae1pw22@hotmail.com