

BOTANICAL SOCIETY OF THE BRITISH ISLES

WELSH BULLETIN

Editor: I.K.Morgan

No. 41, SPRING 1985

SUPPLEMENT

W E L S H P L A N T R E C O R D S

This issue of Welsh Plant Records was written on a BBC microcomputer, fitted with a Wordwise wordprocessing programme, and printed by a Shinwa CP80 dot matrix printer. It is hoped that readers will find the photographically reduced printout acceptable but the compiler would welcome comments.

Changes in Recorders

Dr G. Kay, Department of Botany, University College, Singleton Park, Swansea, W Glam. and Mr J.P. Curtis, 12, St Lythan Close, Dinas Powis, S Glam., have taken over as recorders for v.c. 41 from R.G. Ellis. The sad death of Miss E. D. Pugh, leaves the recordership for v.c. 47 vacant.

CONTENTS

MONMOUTH.....	1
GLAMORGAN.....	6
BRECON.....	8
RADNOR.....	8
CARMARTHEN.....	10
PEMPROKE.....	15
CARDIGAN.....	15
MONTGOMERY.....	17
MERIONETH.....	19
CAERNARFON.....	19
DENBIGH.....	21
FLINT.....	21
ANGLESEY.....	23

WELSH PLANT RECORDS

1982

Welsh Plant Records are compiled by R. Gwynn Ellis, Department of Botany, National Museum of Wales, Cardiff, from reports of B.G.B.I. County Recorders to whom records should preferably be sent. Plants are listed for each county in the order of Dandy, *List of British Vascular Plants* (1959), the number in that list preceding the name, so that names recently changed can be used without giving the former name. English names are those in *English Names of Wild Flowers* (1980) by J.G. Dony *et al.* All records for 1982 unless otherwise stated.

The County Recorders are:

T.G. Evans, La Cuesta, Moun-ton Road, Chepstow, Gwent, v.c. 35, MONMOUTH.

R.G. Ellis, Department of Botany, National Museum of Wales, Cardiff, v.c. 41, GLAMORGAN.

M. Porter, Ynys Villa, Llangynidr, Crickhowell, Powys, v.c. 42, BRECON.

Miss A.C. Powell, Corner Cottage, Great Oak, Eardisley, Hereford, v.c. 43, RADNOR.

R.D. Pryce, Rhyd Deg, Maesyboñt, Llanelli, Dyfed, v.c. 44, CARMARTHEN.

S.B. Evans, Glan-y-Mor, Dinas Cross, Newport, Dyfed, v.c. 45, PEMBROKE.

A.O. Chater, Department of Botany, British Museum (Natural History), Cromwell Road, London, SW7 5BD, v.c. 46, CARDIGAN.

Miss E.D. Pugh, Homestead, Pant, Oswestry, Salop., v.c. 47, MONTGOMERY.

P.M. Benoit, Pencarreg, Barmouth, Gwynedd, v.c. 48, MERIONETH.

M. Morris, Plas Derwen, Penmachno, Gwynedd, v.c. 49, CAERNARFON.

Mrs J.A. Green, Coed Duon, Tremerchion, St Asaph, Clwyd, v.c. 50, DENBIGH.

G. Wynne, Gwylfa, Lixwm, Holywell, Clwyd, v.c. 51, FLINT.

R.H. Roberts, Quinton, Belmont Road, Bangor, Gwynedd, v.c. 52, ANGLESEY.

MONMOUTH (comm. T.G. Evans)

1/4. *Lycopodium clavatum* L. (Stag's-horn Clubmoss). Five or six large patches on woodland path, Little Oak, ST49, A. Lewis & C. Titcombe. The only extant record.

24/4. *Gymnocarpium dryopteris* (L.) Newm. (Oak Fern). Plentiful on steep woodland slope, Glanau Wood, SO40, Dr. S. Tyler.

25/aus. *Polypodium australe* Fee (Southern Polypody). Many plants nr R. Wye, Lady Park Wood, SO51, TGE.

54/1. *Mahonia aquifolium* (Pursh) Nutt. (Oregon-grape). One plant on railway embankment, Chepstow, nr R. Wye, ST59, TGE, 1980.

63/1. *Eschscholzia californica* Cham. (Californian Poppy). One plant with white flowers, Newport rubbish tip, ST38, A.L. Grenfell & TGE. First record.

Lunaria annua L. (Honesty). Two plants on a disused rubbish tip, Newport, ST38, TGE.

88/5. *Cochlearia danica* L. (Danish Scurvygrass). Many plants on grassy bank above sandstone rocks, Sudbrook, ST58, TGE. The only other Gwent site is on Denny Island.

108/4. *Sisymbrium orientale* L. (Eastern Rocket). One plant of this rare casual at base of wall on pavement, Sudbrook, ST58, TGE.

149/1c. *Nastia fontana* L. ssp. *asperiflora* Sennen (Blinks). In stream E of Virtuous Well, Trellech, S050, persisting for many years in spite of change in land use, TGE.

134/16. *Chenopodium glaucum* L. (Oak-leaved Goosefoot). Three plants, old Newport rubbish tip, persistent alien on this tip for the last seven years, TGE.

168/3x4. *Beranium androssii* Gay x *versicolor* L. (a hybrid Crane's-bill). Laneside, three patches of c. 1m square each, nr Mathern Palace, ST59, TGE. Probably a garden throwout as weeds etc. are dumped on this laneside.

168/4. *Beranium versicolor* L. (Pencilled Crane's-bill). Several plants in shady lane, Far Hill, Trellech, S040, a rare plant no longer in Shoolbred's old sites, ST.

168/6. *Beranium phaeum* L. (Dusky Crane's-bill). Many plants in Penallt Old Churchyard and on roadside between it and Redbrook, S051, ST.

206/- . *Vicia faba* L. (Broad Bean). Found on Newport rubbish tip most years since 1972, frequently bearing beans as this year, ST38, TGE.

Pisum sativum L. (Garden Pea). Occurs occasionally on Newport rubbish tip, pods of peas produced even more occasionally, ST38, TGE.

232/5/3. *Sorbus eminens* E.F.Warb. (a Whitebeam). One large tree on steep slope opposite the Bilbins, Lady Park Wood, S051, TGE, 1980, conf. P.J.M. Nethercott, 1982. Second record.

232/5x7. *Sorbus aria* x *terminalis* = *S. x vagensis* Wilmott (a hybrid Whitebeam). One large tree with five trunks due to coppicing in youth, above R. Wye, Lady Park Wood, S051, TGE.

241/1. *Tolmiea menziesii* (Pursh) Torrey & A.Gray (Pick-a-back-plant). Many plants naturalized in wild part of garden, Caerllan Field Centre, S040, P. Carpenter, 1971, still there in 1982. First record.

300/6. *Oenanthe aquatica* (L.) Poiret (Fine-leaved Water-dropwort). One plant in reed, Uskmoth, ST38, TGE. A rare and decreasing plant in Gwent.

318/2. *Mercurialis annua* L. (Annual Mercury). A rare inland record from Monmouth, S051, Mrs P. Johns. A common weed of gardens and wasteland around Bristol but much less so in Gwent.

319/7. *Euphorbia platyphyllis* L. (Broad-leaved Spurge). Two plants on edge of garden path in Chepstow, ST59, TGE. First appeared in 1980, followed by at least three plants last year. Closely resembles *E. serrulata* Thunb. (Upright Spurge), but has tubercles on its fruits not papillae and flowers much later, normally August - September.

320/20. *Reynoutria sachalinensis* (F. Schmidt) Nakai (Giant Knotweed). A large colony by R. Ebbw and entrance to new rubbish tip, Newport, ST38, TGE. Several colonies in eastern Gwent, an increasing species.

320/21. *Polygonum polystachyum* Wall. ex Moench. (Himalayan Knotweed). Bulley Hole Bottom, Tintern, ST59, and Itton, ST49. Escaping from cultivation in many new sites and naturalized on roadside verges, TGE, 1979-1982.

325/17. *Rubus palustris* Sw. (Marsh Dock). Next to Magor rugby field, ST48, few plants. No plants for second year in succession at Undy Pool, ST48, where they were abundant in 1980, TGE. Rare and very local.

Cannabis sativa L. (Hemp). Roadside, Panteg, ST39, R. Hewitt, conf. TGE.

392/6. *Symphytum tuberosus* L. (Tuberous Comfrey). Two extensive patches in hedgerow N of Itton, ST49, PJ & ST, 1981, det. TGE, conf. C.A. Stace. First record.

408/1. *Nicandra physalodes* (L.) Gaertn. (Apple-of-Peru). Two plants, one large and covered in pale blue flowers, on slurry heap, Treacastle Farm, nr Penclawdd, SO40, Mrs. M. Farmer & Mrs. R. Tyler. First record outside a tip in the county.

413/-. *Solanum cornutum* Lam. One plant, Newport rubbish tip, ST38, TGE. This plant differed from the only previous one at the tip in having black swollen bases to the golden prickles on the stem.

416/5. *Verbascum pulverulentum* Vill. (Hoary Mullein). Two plants outside garden wall, Redbrook, SO51, TGE, conf. E.J. Clement. Grown in garden for several years, but seen outside only in 1981 & 1982. Recorded from Redbrook by S.G. Charles in 1936.

425/1x2. *Mimulus guttatus* DC. x *luteus* L. (a hybrid Monkeyflower). Mill Reen, Magor Pill, ST48, Miss Howard.

425/-. *Mimulus cupreus* x *guttatus* = *M. x burnettii* S. Arnott. (a hybrid Monkeyflower). Petaloid form, two patches in stream, Gwynne Fawr Valley, SO23, TGE & U.T. Evans. First Welsh record.

425/-. *Mimulus cupreus* Dombroin x *guttatus* DC. x *luteus* L. (a hybrid Monkeyflower). Reenside, Magor Pill, ST48, TGE, det. EJC. First record.

430/20a. *Veronica hederifolia* L. ssp. *hederifolia* (Ivy-leaved Speedwell). Common on Mounton Road, Chepstow, ST59, TGE. Blue anthers noticeable (beware, they can appear white after dehiscence).

430/20b. *Veronica hederifolia* esp. *lucorum* (Klett & Richter) Hartl (Ivy-leaved Speedwell). Common everywhere in Gwent, has whitish anthers.

445/4x3. *Mentha aquatica* x *arvensis* = *M. x verticillata* L. (Whorled Mint). Several square metres along stream-side, Botany Bay, 6050, TGE.

445/4x3x5. *Mentha aquatica* x *arvensis* x *spicata* = *M. x smithiana* R.A.Graham (Red Mint). Several patches on the old rubbish tip at Newport, 6T38, TGE, a rare Gwent plant.

445/5. *Mentha spicata* L. (Spear Mint). Many patches, old rubbish tip, Newport, 6T38, TGE.

445/7. *Mentha suaveolens* Ehrh. (Round-leaved Mint). Plentiful on banks of R. Wye nr Redbrook, 6051, TGE & UTE.

475/8. *Campanula patula* L. (Spreading Bellflower). Numerous plants in Highmeadow Woods, 6051, M. & C. Kitchen. In flower in October and November.

483/-. *Asperula orientalis* Boiss. & Hohen. Single plant in undisturbed ground at Caerlian Field Centre, 6040, PC, det TGE, conf. EJC. Mr Carpenter assured me that nothing had been done to the site and he had not seen anything like it in his previous thirteen years of residence. The plant has a very long pale blue corolla. First county and second Welsh record.

502/2. *Bidens tripartita* L. (Trifid Bur-marigold). Abundant in many reens especially Mill Reen, Magor Pill, 6T48, and old rubbish tip, Newport, 6T38, TGE. Many years since such numbers have been seen.

502/3. *Bidens frondosa* L. (Beggarticks). A single plant once again in Newport Docks after several years absence, 6T38, TGE.

503/1. *Galinsoga parviflora* Cav. (Gallant Soldier). Garden path, Reservoir house, Cwmbran, 6T39, RH, conf. TGE.

503/2. *Galinsoga quadriradiata* Ruiz & Pavon (Shaggy Soldier). Weed in plant tubs in front of Rolls Hall, Monmouth, 6051, PJ, det TGE. Both species of *Galinsoga* occur in gardens as weeds and are reported in most years somewhere in the county.

515/1. *Onopeltus sylvaticus* L. (Heath Cudweed). Lined a path for many metres, S of Five Paths, Wentwood, 6T49, CT et al.

518/3. *Solidago gigantea* Ait. ssp. *serotina* (O.Kuntze) McNeill (Early Goldenrod). One large plant on eastern boundary of the old rubbish tip, Newport, 6T38, TGE, 1976-1982.

(536/1. *Echinops sphaerocephalus* L. (Globe Thistle). The specimen from Gllwern has been reidentified as *E. exaltatus* Schrader).

536/-. *Echinops exaltatus* Schrader. In a hedgerow nr Gllwern, 6021, RH, det. EJC, 1978-1982. First record.

544/2. *Centaurea montana* L. (Perennial Cornflower). One established plant on a disused rubbish tip, Newport, ST38, TGE.

558/102. *Hieracium subleptoides* (Zahn) Druce (a Hawkweed). Many plants nr edge of cliffs, Lady Park Wood, S051, TGE, 1980, det. P.D.Sell.

558/162. *Hieracium cheriense* Jordan ex Boreau (a Hawkweed). Many plants on railway ballast, Newport Docks, ST38, TGE, 1980, det. PDS.

558/204. *Hieracium calcaricola* (F.J.Harb.) Roffey (a Hawkweed). Many plants on railway ballast, Newport Docks, ST38, TGE,, det. PDS.

566/1. *Butomus umbellatus* L. (Flowering-rush). Plentiful in Mill Reen, Magor Pill, ST48, and many other reens on Caldicot Moors, quite unlike anything seen in recent years, TGE.

570/3. *Elodea nuttallii* (Planchon) St. John (Nuttall's Waterweed). In R. Wye below Lady Park Wood, S051, TGE et al, BSBI meeting. First record.

611/2. *Leucojum aestivum* L. (Summer Snowflake). One clump at edge of river meadow (Wye) below Hyastone Leys, S051, TGE & UTE. Second record.

625/1. *Epipactis palustris* (L.) Crantz (Marsh Helleborine). Marsh N of Fforest Coalpit in Cwm-coed-y-cerrig, S022, J. Porter. Second record.

655/4. *Scirpus sylvaticus* L. (Wood Club-rush). Abundant in wet meadow, Great Twr Mynach Farm, nr Raglan, S040, Mr. Williams & ST. An uncommon plant in the county.

670/4. *Festuca altissima* All. (Wood Fescue). Many plants in separate areas, above cliffs, Lady Park Wood, S051, TGE. An uncommon plant in the county.

683/6. *Bromus madritensis* L. (Compact Brome). A few plants nr Portwall and W end of Chepstow Castle, ST39, TGE. An uncommon plant in the county but occurs in Chepstow in small numbers in most years.

688/1. *Hordelyus europaeus* (L.) Harz (Wood Barley). Many plants in several areas on top of cliffs, Lady Park Wood, S051, TGE.

713/4. *Phalaris paradoxa* L. var. *praemorsa* Coss. & Dur. (Awned Canary-grass). One plant, new rubbish tip Newport, ST38, TGE. First record of this variety in the County.

718/-. *Echinochloa frumentacea* Link Two large plants on Newport rubbish tip, ST38, among *E. utilis* Ohwi & Yabuno and *Panicum alliaceum* L., TGE. First Welsh record.

719/2. *Digitaria sanguinalis* (L.) Scop. (Hairy Finger-grass). Cardiff rubbish tip, Lamby, ST27, R.G. Ellis, 1979, and one large plant, new rubbish tip, Newport, ST38, ALG & TGE. First records.

From late April, plants have flowered about a month earlier than usual, so that by early August, most plants had been in flower, an exceptional year in this respect in my experience. TGE.

GLANMORGAN (cont. R.O. Ellis)

- 46/7. *Ranunculus scardus* Grantz (Hairy Buttercup). Wet pasture by Afon Rhyney nr Cardiff, ST27, Dr M.E. Gilliam. Second post-1930 and second extant record.
- 46/22c. *Ranunculus penicillatus* (Dumort.) Bab. var. *calcareus* (R.W. Butcher) Cook (Stream Water-crowfoot). Stream, Whitchurch, Cardiff, ST17, G. Hutchinson, det. N. Holmes. First record for the var.
- 115/11. *Hypericum pulchrum* L. (Slender St. John's-wort). Pathside, Cwm Bach, SS87, P. Hancocks & P. Jones.
- 123/1. *Silene vulgaris* (Moench) Garcke ssp. *vulgaris* (Bladder Campion). Cliffs nr Summerhouse Point, SS96, PJ.
- 123/2. *Silene vulgaris* ssp. *maritima* (With.) A. & D. Love (Sea Campion). Strandline, Merthyr Mawr, SS87, PJ.
- 163/2. *Malva sylvestris* L. (Common Mallow). A dozen or more plants very definitely blue flowered amongst normal pink forms, cliff edge between Nash Point and Monknash, SS96, Miss H.J. Dawson.
- 166/2. *Linum usitatissimum* L. (Flax). Waste ground, Penarth Road, Cardiff, ST17, J.P. Curtis.
- Scorpiurus muricatus* L. Base of wall, Cardiff, ST17, R.J. Tidswell. First record in this area since 1926.
- 193/1. *Anthyllis vulneraria* L. (Kidney Vetch). Cliffs, Monknash, SS97, PJ.
- 202/1. *Ornithopus perpusillus* L. (Bird's-foot). Dry dunes, Kentig, SS78, JPC.
- 216/3x1. *Geus rivale* x *urbanus* = *G. x intermedius* Ehrh. (a hybrid Avenis). Damp ground beneath trees, S end of Talygarn Lake, Pontyclun, ST07, HJD. First record for the "Vale".
- 223/2. *Sanguisorba minor* L. ssp. *auricata* Briq. (Fodder Burnet). Roadside, Barry Link Road, ST16, JPC.
- 286/2. *Petroselinum segetum* (L.) Koch (Corn Parsley). Roadside, Barry Link Road, ST16, JPC.
- 289/1. *Aster sajus* L. (Bullwort). Disturbed ground, Merthyr Tydfil, S000, Lady R. Fitzgerald. First record since 1927.
- 300/4. *Oenanthe lachenalii* C. C. Gmelin (Parsley Water-dropwort). Wet pasture, estuary of R. Ely, Cardiff, ST17, JPC.
- 321/1. *Fagopyrum esculentum* Moench (Buckwheat). Waste ground, Penarth Road, Cardiff, ST17, JPC.
- 362/1. *Monotropa hypopitys* L. (Yellow Bird's-nest). Dune-slack, Merthyr Mawr, SS87, PJ.

- 367/3x5. *Prioula veris* x *vulgaris* = *P. x tomasinii* Gren. & Godron (False Oxlip). Nr St Mary Hill, SS97, Owen Phillips.
- 385/3. *Gentianella anarella* (L.) Borner (Autumn Gentian). Grassland, Cwm Nash, SS97 & grassland, Dunraven, SS87, PJ.
- 399/2. *Pulmonaria officinalis* L. (Lungwort). Still thriving on bank of Afon Ewenny nr M4, Pencoed, SS98, HJD.
- 411/1. *Nyoscyamus niger* L. (Henbane). River bank, Cardiff, ST17, G.S. Walters; disturbed ground nr Candleston Church, SS87, PJ.
- 413/-. *Solanum cornutum* Lam. Spontaneous garden weed, not planted, Penarth, ST17, M.M. Lennard. First record since 1924.
- 415/1. *Datura stramonium* L. (Thorn-apple). Waste ground, St. Georges, D. Thomas; Penarth Road, Cardiff, JPC and Dinas Powys, R. Henderson, all ST17.
- 421/1. *Chaenorhizus minus* (L.) Lange (Small Toadflax). Disused railway track, The Drope, nr Cardiff, ST17, JPC.
- 452/1. *Acinos arvensis* (Lam.) Dandy (Basil Thyme). Dry sand dune, Crymlyn Burrows, SS79, JPC.
- 485/1. *Gallium odoratum* (L.) Scop. (Woodruff). Woods nr Dunraven, SS97, PJ
- Helianthus annuus* L. (Sunflower). Waste ground, Penarth Road, Cardiff, ST17, JPC.
- 536/1. *Echinops sphaerocephalus* L. (Globe Thistle). Hedgebank, nr Dinas Powys, ST17, JPC.
- 514/5. *Logfia minima* (Sm.) Dumort. (Small Cudweed). Dry dunes, Merthyr Mawr, SS87, JPC.
- 544/1. *Centaurea scabiosa* L. (Greater Knapweed). Hedgebank, Barry, ST16, JPC.
- 577/3. *Potamogeton coloratus* Hornem. (Fen Pondweed). Dune slack with *Equisetum x litorale*, Kenfig Burrows, Dr. H.M. Bowen, conf. MH. First record.
- 577/16. *Potamogeton trichoides* Cham. & Schlecht. (Hairlike Pondweed). Kenfig Pool, SS78, HMB, conf. MH. First record.
- 586/1. *Hebeocallis fulva* (L.) L. (Orange Day-lily). Well established nr old road through dunes, Kenfig Burrows, SS78, HMB. First record.
- Yucca recurvifolia* Salisb. Sand dunes nr Swansea, SS79, Miss Sturdy. First Welsh record.
- 625/1. *Epipactis palustris* (L.) Crantz (Marsh Helleborine). Reed bed, Pant-y-sais fen, SS79, JPC.
- 640/1. *Ophrys sphegodes* Muds. (Bee Orchid). Grassland, Cwm Nash, SS97, PJ.

663/46. *Carex elata* All. (Tufted-sedge). Woodland pond, Radyr, ST18, MEG, det. A.O. Chater & R.W. David.

684/2. *Brachypodium pinnatum* (L.) Beauv. (Tor-grass). Rough grassland, The Kymin, Penarth, ST17, JPC.

705/1. *Gastridium ventricosum* (Gouan) Schinz & Thell. (Nit-grass). Several plants in scrub along pathside, Nash Point, 8896, P.J.O. Trist, PJ & RGE.

BRECON (comm. M. Porter)

225/8x15. *Rosa canina* x *micrantha* = *R.* x *toddii* W.-Dod (a hybrid Rose). Wood border, Talgarth, SO13, MP, 1979, det. R. Melville. First Welsh record.

435/1/15x13. *Euphrasia confusa* Pugsley x *nanorosa* (Pers.) Wallr. (a hybrid Eyebright). Pasture W of Cefngormydd, SN84, MP, 1978, det. A.J. Silverside. First record.

435/1/15x19. *Euphrasia confusa* Pugsley x *rostkoviana* Hayne (a hybrid Eyebright). Silurian outcrop on moorland, NW of Llanafon-fawr, SN95, MP, 1978, det. AJS. First Welsh record.

RADNOR (comm. Miss A.C. Powell)

19/1. *Cystopteris fragilis* (L.) Bernh. (Brittle Bladder-fern). In quantity on old wall, Weythel, SO25, ACP.

29/1. *Ophoglossum vulgatum* L. (Adder's-tongue). On steep meadow bank, (with masses of *Pedicularis sylvatica* (Lousewort) - one plant with white flowers), Weythel, SO25, ACP.

43/1. *Clematis vitalba* L. (Traveller's-joy). Along a fence below cliffs on R. Wye, Wye Cliff, Clyro, SO24, R.G. Woods. A rare plant in the county, but a suitable site with *Daphne laureola* (Spurge-laurel) in plenty.

58/2. *Papaver dubium* L. (Long-headed Poppy). Two plants on roadside verge, Nantmel, SO06, RGW.

70/1. *Sinapis arvensis* L. (Charlock). Roadside verge, Nantmel, SO06, RGW.

74/1. *Raphanus raphanistrum* L. (Wild Radish). Grassland bank of R. Wye, Clyro, SO24, RGW.

97/2. *Cardamine amara* L. (Large Bitter-cress). A few large plants in an old ditch with *Carex paniculata* (Greater Tussock-sedge). Portway meadows, Rhosgoch, SO14, Ann Bun and I. Smith (NCC Survey). First record.

97/3. *Cardamine impatiens* L. (Narrow-leaved Bitter-cress). Several plants in a roadside ditch, Weythel, SO25, ACP.

123/13x14. *Silene dioica* (L.) Clairv. x *pratensis* (Rafn) Godron & Gren. (hybrid Campion). Several plants on roadside bank, Aberedw, SO04, BSBI meeting.

- 143/1. *Spergularia rubra* (L.) J. & C. Presl. (Sand Spurrey). Dry ground, Llanellwedd Quarries, 5005, BSBI meeting.
- 154/2. *Chenopodium polysperum* L. (Many-seeded Goosefoot). Many plants on rubbish tip, Clyro, 5024, RGW.
- 168/14. *Geranium pusillum* L. (Small-flowered Crane's-bill). Dry ground, Llanellwedd Quarries, 5005, BSBI meeting.
- 192/10. *Trifolium striatum* L. (Knotted Clover). Verge of track, Llanellwedd Quarries, 5005, BSBI meeting, also Llandrindod Quarries, 5006, RGW.
- 216/3. *Geum rivale* L. (Water Avens). Streamside, Liangunllo, 5027, and along a railway ditch in quantity, Cwmbach, 5005, ACP.
- 216/3x1. *Geum rivale* x *urbanum* = *G. x intermedium* Ehrh. (a hybrid Avens). Streamside, Liangunllo, 5027, and along Gilwern Brook, Gladestry, 5025, ACP.
- 236/1. *Sempervivus tectorum* L. (House-leek). Old farmyard wall, Llandello-graban, 5004, ACP.
- 242/2. *Chrysosplenium alternifolium* L. (Alternate-leaved Golden-saxifrage). Cynon brook, 5025, and also Gilwern brook, 5025, ACP.
- 263/1. *Viscum album* L. (Mistletoe). On Hawthorn nr Aberedw old station, 5004, RGW.
- 285/4. *Apium inundatum* (L.) Reichb. fil. (Lesser Marshwort). A mass in drainage ditch on boggy hillside with *Pinguicula vulgaris* L. (Common Butterwort); *Drosera rotundifolia* L. (Round-leaved Sundew) and *Scutellaria minor* Hudson (Lesser Skullcap), Llandewi-ystradenny, 5016, ACP.
- 320/6. *Polygonum bistorta* L. (Common Bistort). Damp meadow, Liangunllo, 5027, and also at Gladestry, 5025, ACP.
- 389/1. *Cynoglossum officinale* L. (Hound's-tongue). Two flowering plants and two seedlings in a roadside hedge at the back of Dolyhir Quarries, 5025. The old record has been lost in quarrying so it is hoped these plants may survive and increase, ACP.
- 409/1. *Lycium barbarum* L. (Duke of Argyll's Teaplant). In an old farm hedge, Llandello-graban, 5004, ACP.
- 413/3. *Solanum nigrum* L. (Black Nightshade). A few plants on a rubbish tip, Clyro, 5024, also on disturbed soil by road works along the A438, Clyro, RGW.
- 416/7. *Verbascum nigrum* L. (Dark Mullein). Five plants on roadside verge, Nantmel, 5006, verge probably constructed with new road works, 1980-1981, RGW. First record.
- 432/1. *Pedicularis palustris* L. (Marsh Lousewort). Damp pasture, Liangunllo, 5017, also damp hillside, Llandewi-ystradenny, 5016, ACP.

- 439/1. *Lathraea squamaria* L. (Toothwort). About 30 spikes under Fir but on Hazel, Gilwern Brook, S023, also by Dulas Brook, Cwmbach, S003, ACP.
- 454/1. *Nelissa officinalis* L. (Balm). One plant on rocks below cliffs, R.Wye, Wye Cliff, Clyro, S024, RGW.
- 459/-. *Stachys byzantina* C. Koch (Lambear). Old gravel tip nr Llanelwedd, S003, R.G. Ellis. First record.
- 493/3. *Valeriana dioica* L. (Marsh Valerian). Wet ground, Dulas Brook, Cwmbach, S003, ACP.
- 551/2. *Picris hieracifolides* L. (Hawkweed Oxtongue). On rubbish tip, Clyro, S024, RGW.
- 606/2. *Luzula forsteri* (Sm.) DC. (Southern Wood-rush). Cliffs above the R. Wye, Wye Cliff, Clyro, S024, RGW. Second record.
- 625/2. *Epipactis helleborina* (L.) Crantz (Broad-leaved Helleborine). A few plants in woodland, Yandro, S023, ACP.
- 636/1. *Gynadenia conopsea* (L.) R. Br. (Fragrant Orchid). A single spike on a dry bank adjacent to flush, Portway meadows, Rhosgoch, S014, AB & IS.
- 643/3. *Dactylorhiza incarnata* (L.) Soo (Early Marsh-orchid). In wet Portway meadows, and Rhosgoch Bog, S014, AB & IS.
- 649/1. *Arum maculatum* L. (Lords-and-ladies). Many plants with yellow spadix amongst those with purple, (The Lords with the Ladies), along stream, Gilwern brook, S023, ACP.
- 654/3. *Eriophorum latifolium* Hoppe (Broad-leaved Cottongrass). A single head by a spring flush, Portway meadows, Rhosgoch, S014, AB & IS.
- 656/4. *Eleocharis multicaulis* (Sm.) Sm. (Many-stalked Spike-rush). Very few plants associated with a small muddy transient stream through which storm water leaves the site to enter a recently deepened ditch, Rhosgoch Bog, S014, AB & IS.
- 670/9. *Festuca tenuifolia* Sibth. (Fine-leaved Sheep's-fescue). Edge of path, Llanelwedd Quarry nr Builth Wells, S003, T.G. Evans. First localized record.
- 677/1. *Catabrosa aquatica* (L.) Beauv. (Whorl-grass). Fairly frequent around the edges of small muddy puddles created by trampling horses, inconspicuous among *Glyceria* when not in flower, Rhosgoch Bog, S014, AB & IS.
- 713/2. *Phalaris canariensis* L. (Canary-grass). Rubbish tip, Clyro, S024, RGW.

CARMARTHEN (cont. R.D. Pryce)

- 4/4. *Equisetum variegatum* Schleich. ex Weber & Mohr (Variegated Horsetail). Bank of Afon Sychlwch below Lllyn-y-Fan Fach, SN82, P. Pitkin, 1978. First inland record.

21/2aff. *Dryopteris affinis* (Lowe) Fraser Jenkins ssp. *affinis* (Scaly Male-fern). Stradey Woods, Llanelli, SN40, I.K. Morgan, det. C. Fraser Jenkins. First record.

21/2att. *Dryopteris affinis* (Lowe) Fraser Jenkins ssp. *stilluppensis* (Sabransky) Fraser Jenkins (Scaly Male-fern). Craig Cwm Clyd, Mynydd Myddfai, SN72, IKM, det. CFJ. First record.

21/2bor. *Dryopteris affinis* (Lowe) Fraser Jenkins ssp. *boreri* (Newman) Fraser Jenkins (Scaly Male-fern). Cwm Mawr, Cwmbach, Llanelli, SN40, IKM, det. CFJ. First record.

21/7x6. *Dryopteris carthusiana* x *austriaca* = *D. x deweveri* (Jansen) Jansen & Wachter (a hybrid Buckler-fern). Talley, SN63, IKM, conf. CFJ. First record.

21/8. *Dryopteris aculea* (Ait.) Kuntze (Hay-scented Buckler-fern). Roof of old adit, Dolaucothi Gold Mines, SN64, IKM, conf. S.G. Harrison. Rediscovery of Knight's 1907 record and first record since then.

24/4. *Gymnocarpium dryopteris* (L.) Newm. (Oak Fern). Old Red Sandstone rock outcrops beside river bank, Sawdde Fechan valley, nr Pont Aber, SN72, IKM. Second record since c.1960.

53/- . *Berberis gagnepainii* Schneid var. *lanceifolia* Ahrendt Hedge nr Cwmmaman, SN61, Mrs A.M. Pell, det. SGH. First Welsh record.

58/6. *Papaver somniferum* L. (Opium Poppy). Shingle of Afon Amman, Pantyffynnon, SN61, AMP, 1981.

61/1. *Glaucium flavum* Crantz (Yellow Horned-poppy). Shingle beach nr Burry Port Power Station, SN40, Olive Webb, 1981.

92/1. *Lobularia maritima* (L.) Desv. (Sweet Alison). Shingle of Afon Amman, Pantyffynnon, SN61, AMP, 1981.

98/3. *Barbarea intermedia* Bor. (Medium-flowered Winter-cress). Bank of Afon Amman, Pantyffynnon, Ammanford, SN61, AMP, det. R.G. Ellis. Second record since 1911.

98/4. *Barbarea verna* (Mill.) Aschers. (American Winter-cress). Garden weed, Gilfach, Llanddarog, SN41, RDP, 1977; Afon Amman, Pantyffynnon, SN61, AMP, det. RGE, 1981.

102/3. *Rorippa sylvestris* (L.) Bess. (Creeping Yellow-cress). Shingle of Afon Amman, Bettws, SN61, AMP, 1981.

102/6. *Rorippa austriaca* (Crantz) Bess. (Austrian Yellow-cress). Bank of Afon Amman, Bettws, Ammanford, SN61, AMP, 1981, det. RGE.

123/3. *Silene conica* L. (Sand Catchfly). Very abundant along trackways, Pembrey Burrows, 6649, OW, 1981.

154/2. *Chenopodium polyspermum* L. (Many-seeded Goosefoot). Waste ground, Firwd, Pembrey, SN40, RDP, det. RGE, 1980.

- 154/9. *Chenopodium ficifolium* Sm. (Fig-leaved Goosefoot). Waste ground, Firwd, Pembrey, SN40, BSB1 meeting, det. T.G. Evans, 1981. Second post-1930 record.
- 154/14. *Chenopodium rubrum* L. (Red Goosefoot). Banks of Afon Teifi between Cenarth & Newcastle Emlyn, SN24 & 34, NCC/UWIST Survey, 1981; dung heap, Ty-mawr, Pinged, SN40, RDP, det. RGE, 1981.
- 156/-. *Atriplex longipes* Drejer (an Orache). Ginst Point, Laugharne, SN30, G. Kay. First record.
- 160/5. *Salicornia pusilla* Woods (a Glasswort). Ginst Point, Laugharne, SN30, GK. First record since 1911.
- 163/1. *Malva moschata* L. (Musk Mallow). Old limestone quarry, Garn, Carmel, SN51, Llanelli Naturalists, det. RDP, 1981.
- 168/9. *Geranium pyrenaicum* Burn. fil. (Hedgerow Crane's-bill). Bank of Afon Amman, Bettws, SN61, AMP, det. RGE, 1981.
- 169/3. *Erodium cicutarium* (L.) L'Herit. (Common Stork's-bill). Limestone quarry, Crug Quarry SSSI, SN62, R.G. Woods, 1980.
- 173/3. *Acer campestre* L. (Field Maple). Woodland edge nr Trebeddod Reservoir, SN50, IKM. 1980.
- 191/1. *Melilotus altissimus* Thuill. (Tall Melilot). Disturbed roadside, Cross Hands, SN51, RDP, 1981.
- 212/13b. *Potentilla erecta* (L.) Rausch. ssp. *strictissima* (Zimm.) A.J. Richards. (Tormentil). Acid quartzite outcrop, Llyn Llech Owen, SN51, IKM, det. A.J. Richards. First record.
- 256/2. *Oenothera erythrosepala* Borbas (Large-flowered Evening-primrose). Bank of Afon Amman, Bettws, SN61, AMP, det. RGE, 1981; roadside verge nr Four Roads, SN41, RDP, 1981.
- 262/3. *Callitriche obtusangula* Le Gall (Blunt-fruited Water-starwort). Afon Teifi nr Lampeter, SN54, NCC/UWIST Survey, 1981; Swan Pool Drain, Pembrey, SN40, IKM & R.N. Stringer, det. RGE. First records since 1912.
- 285/1. *Apius graveolens* L. (Wild Celery). Bank of Afon Amman, Bettws, SN61, AMP, 1981.
- 297/1. *Berula erecta* (Huds.) Coville (Lesser Water-parsnip). *Salix* carr, Firwd Fen SSSI, SN40, BSB1 meeting, det. SBE, 1981.
- 319/11. *Euphorbia exigua* L. (Dwarf Spurge). Chapel graveyard, Ammanford, SN61, AMP, det. RGE. First post-1930 record.

- 320/15. *Fallopia convolvulus* (L.) A. Love (Black-bindweed). Flower-bed weed, Gelli Aur Mansion, SN51, Llanelli Naturalists, det. RDP, 1980; bank of Afon Teifi nr Llanybydder, SN44, NCC/UWIST Survey, 1981.
- 325/4. *Rumex Hydrolapathum* Hudson (Water Dock). Bank of Afon Teifi nr Llanybydder, SN44, NCC/UWIST Survey, 1981.
- 337/1. *Carpinus betulus* L. (Hornbeam). Edge of spinney, Glynghernan, Llanelli, SN50, R. Meade & RDP, 1981.
- 359/1. *Pyrola minor* L. (Common Wintergreen). Under Birch scrub on derelict industrial site, Trimsaran Wood, SN40, RM, conf. RDP.
- 362/1. *Monotropa hypopitys* L. (Yellow Bird's-nest). Limestone quarry, under Hazel, Garn, Carmel, SN51, M.J. Pryce, det. RDP, 1981.
- 367/3x5. *Primula veris* x *vulgaris* = *P.* x *tommasinii* Gren. & Godron (False Oxlip). Ash wood on limestone, Crwbin, SN41, IKM, 1979. Yellow & brick-red flowered forms.
- 398/-. *Nonna lutea* (Desr.) DC. Persistent garden weed, (not planted), Gilfach, Llanddarog, SN41, RDP, det. RGE. First record for county and second for Wales.
- 413/-. *Solanum cornutum* Lam. Waste land nr Capel Cynfab School, Cynghordy, nr Llandovery, SN84, D. Davies, det. A.O. Chater. First record.
- Lycopersicon esculentum* Mill. (Tomato). Shingle of Afon Amman between Bettws and Pantyffynnon, SN61, AMP, 1981.
- 430/4. *Veronica scutellata* L. (Marsh Speedwell). Wet pasture, Gilfach, Llanddarog, SN41, RDP, 1981.
- 439/1. *Litharea squararia* L. (Toothwort). A good stand on Elm, limestone woodland, Carmel, SN61, Mrs I.M. Vaughan & AMP, 1979.
- 441/3. *Pinguicula vulgaris* L. (Common Butterwort). About 10 plants in valley mire, Garnwen, Meinciau, SN41, IKM, 1979.
- 445/4x5. *Mentha aquatica* x *spicata* = *M.* x *piperita* L. (Peppermint). Bank of Afon Teifi nr Lampeter, SN54, NCC/UWIST Survey, 1981.
- 445/7. *Mentha suaveolens* Ehrh. (Round-leaved Mint). Bank of Afon Amman, Bettws, Amanford, SN61, AMP, det. RGE. First record.
- 455/4. *Salvia verbenaca* L. (Wild Clary). Roadside verge, Proof & Experimental Establishment, Pendine, SN20, J. Rees, conf. S.B. Evans & RDP. First record since 1911.
- 472/4. *Plantago maritima* L. (Sea Plantain). Roadside ditch nr Tycroes, SN61, AMP. First inland record for the county.

- 481/1. *Sherardia arvensis* L. (Field Madder). Limestone quarry, Garn, Carmel, SN51, Llanelli Naturalists, det. RDP, 1981; lawn weed, W Wales Hospital, Carmarthen, SN42, RDP, 1981.
- 502/1. *Bidens cernua* L. (Nodding Bur-marigold). Teifi flood plain below Llanybydder, SN44 & 54, NCC & UWIST Survey, 1981.
- 514/1. *Filago vulgaris* Lam. (Common Cudweed). Abundant on cinder area, Pembrey Factory site, SN40, RDP, 1981.
- 540/8x3. *Cirsium dissectum* x *palustre* = *C. x forsteri* (Sm.) Loudon (a hybrid Thistle). Damp heathy pasture, Dyffryn Aur, Carway, SN40, RDP, conf. RGEI acid dune slack, Proof & Experimental Establishment, Pendine, SN20, RGE et al. First and second records.
- 541/1. *Silybum marianum* (L.) Gaertn. (Milk Thistle). Construction site, Pensarn, Carmarthen, SN41, RDP et al, 1981.
- 549/2. *Hypochaeris glabra* L. (Smooth Cat's-ear). Ginst Point, Laugharne, SN30, OK. First record since 1930.
- 551/1. *Picris echioides* L. (Bristly Oxtongue). Shingle of Afon Amman, Pantyffynnon, SN61, AMP, 1981.
- 563/2. *Alisma lanceolatum* With. (Narrow-leaved Water-plantain). Proof & Experimental Establishment, Pendine, SN30, SBE.
- 607/9b. *Allium roseum* L. ssp. *dulbiferum* (DC.) E.F. Warb. (Rosy Garlic). Cemetary, Capel Hendre, SN51, AMP. First record.
- 627/1. *Spiranthes spiralis* (L.) Chevall. (Autumn Lady's-tresses). Coal-field pasture, Cae Ifan Prys, Capel Hendre, SN51, AMP, det. Mrs Bevan, 1934. Not seen recently.
- 642/5. *Orchis morio* L. (Green-winged Orchid). Very abundant on golf links, Ashburnham, Pembrey, SN40, OU, 1981.
- 650/2. *Lemna trisulca* L. (Ivy-leaved Duckweed). Machynys Pond, Llanelli, SS59, IKM et al, conf. RGE. First record since c.1850.
- 663/16x17. *Carex rostrata* x *vesicaria* = *C. x involuta* (Bab.) Syme (a hybrid Sedge). Backwater of Afon Teifi nr Lampeter, SN54, AOC & RDP.
- 663/17. *Carex vesicaria* L. (Bladder-sedge). *Juncus* marsh, Teifi valley, Lampeter, SN54, NCC/UWIST Survey, 1981.
- 676/12. *Poa subcaerulea* Sm. (Spreading Meadow-grass). Limestone quarry, Crug quarry SS61, SN42, RGW, 1980; waste ground, Pembrey Factory site, SN40, BSBI meeting, det. TGE, 1981.
- 685/1. *Elymus caninus* (L.) L. (Bearded Couch). Banks of Afon Teifi, Newcastle Emlyn, SN34, NCC & UWIST Survey, 1981.

PEMBROKE (cont. S.B. Evans).

- 21/8. *Dryopteris adula* (Ait.) Kuntze (Hay-scented Buckler-fern). Glandwr near Nevern, SN04, M.H. Rickard.
- 46/10. *Ranunculus auricomus* L. (Goldflocks Buttercup). Ash woodland on 30° slopes of dry carboniferous limestone valley, Manorbier, SS09, M. Higgins & SBE.
- 113/5. *Viola reichenbachiana* Jord. ex Bor. (Early Dog-violet). Ash woodland on 30° slopes of dry carboniferous limestone valley, Manorbier, SS09, MH & SBE. White flowered form also present.
- 166/2. *Linus usitatissimus* L. (Flax). Garden weed (from bird-seed), Rhos Howell, Strumble Head, SM83, Mrs B.G. Leggett.
- 207/9. *Lathyrus palustris* L. (Marsh Pea). Upper salt-marsh backed by low woodland bank, Minwear Pill, Eastern Cleddau, SM01, K. Charman, det. SBE. First record.

CARDIGAN (cont. A.O. Chater).

- 5/1. *Osmunda regalis* L. (Royal Fern). Sea cliff near Penbryn, SN25, M. Bailey (only the second coastal site in Cards.) valley mire, Blaenclettwr, Talgarreg, SN45, D. Glyn Jones, et al.
- 22/2. *Polystichum aculeatum* (L.) Roth (Hard Shield-fern). Steep wooded bank above stream in Castle Hill Dingle, Llanilar, SN67, R. Lewis.
- 28/1. *Botrychium lunaria* (L.) Sw. (Moonwort). Waste heap of lead mine, and roadside bank nearby, Cwmsymlog, SN68, A.G. Bates. An interesting extension of habitat for a species otherwise found only in old pasture in the county.
- 74/2. *Raphanus raphanistrum* L. ssp. *maritimus* (Sw.) Thell. (Sea Radish). One patch in gull colony on Cardigan Island, SN15, T.A.W. Davis, 1968. This record, provided by S.B. Evans from the late finder's diaries, is the first definite record of the species for Cards.; seed was doubtless brought in by the gulls, and the plant did not survive more than a few years at most. It is the only record of interest from the island.
- 168/- . *Geranium ibericum* Cav. (a Crane's-bill). Naturalized for many years (first noticed c. 1970) in Liangwryfon old churchyard, SN57, AOC, det. P.F. Yeo. First record, a seldom cultivated and even more rarely naturalized species.
- 177/1. *Euonymus europaeus* L. (Spindle). Wet gully on sea cliffs, Allt Goch, Aber-porth, SN25, AOC et al. A dense thicket 30 x 20m of bushes with trunks up to 30cm in girth.
- 211/2. *Rubus saxatilis* L. (Stone Bramble). Damp rocks by waterfall, Hirgoed-ddu, SN88, AOC. Second record, only 2 or 3 plants, at 435m, not flowering.

223/1. *Sanguisorba minor* Scop. ssp. *minor* (Salad Burnet). In two sites, on shaley ground and rough coastal heath, Pencribach, Aber-porth, SN25, AOC. First record) although 50km from its nearest native site, it has every appearance of being native here, growing with other calcicoles such as *Carlina vulgaris* (Carlina Thistle) and *Linum catharticum* (Fairy Flax), in one site, in rich coastal heath grassland, in the other on disturbed shaley ground, and it seems improbable that it would have been introduced.

225/9. *Rosa azelliana* Fr. (Glaucous Rose). Roadside hedge, 150m W Ffos-y-ffin, Cellan SN54, AOC, 1973, det. Mrs I.M. Vaughan and between Llanfair-clydogau and Llanddewi-brefi, SN65, AOC det. G.G. Graham. First and second records.

229/1. *Crataegus laevigata* (Poiret) DC. (Midland Hawthorn). Hedge opposite Capel Bangor churchyard, SN68; hedge E of Blaenpennal, SN66, AOC. Although nowhere native in Cards., in at least these two sites it has been used as a hedge plant and is well established.

265/2. *Cornus sericea* L. (Red-osier Dogwood). On either side of road at Pont Creuddyn, SN55; by Dinascardin bridge, SN34; river bank below Llanbydder bridge) AOC. First records. Abundantly naturalized and forming extensive thickets in all three sites.

343/12bx9. *Salix cinerea* ssp. *oleifolia* x *vinivalis* = *S.* x *smithiana* Willd. (a hybrid Willow). N bank of Afon Telfi, Llandysul, SN44, A. Orange, 1981, det R.D. Meikle) by disused railway, Pont Llanio, SN65, AOC. First records.

407/3. *Cuscuta epithymus* (L.) L. (Dodder). Three colonies on *Thymus* and other plants near cliff-top footpath, Ciarach, SN58, AOC. First record since 1936.

416/4. *Verbascum lychnitis* L. (White Mullein). By Afon Aeron, Winllan, Trefilan, SN55, I. Callan; site of demolished Farmers' Co-op, Cardigan, SN14, M. Patterson. First records.

437/1. *Parentucellia viscosa* (L.) Caruel (Yellow Bartsia). Unimproved pasture near Gorscoch, SN45, DGJ & D.A. Wells. First record of this species which Salter remarked should be looked for in Cards.: c. 1300 plants were in flower at this site.

440/10. *Orobanchae Aederae* Duby (Ivy Broomrape). Mixed wood on N bank of Telfi estuary below Netpool, SN14; sea cliffs at NE end of Cel Bach, SN46, AOC. Apparently now well-distributed along the S Cards. coast on ivy.

461/1. *Lamlastrum galeobdolon* var. *variegatum* (*Galeobdolon argentatum* Smejkal) (Variegated Yellow Archangel). Edge of woodland by lane, Nanteos, SN67; roadside verge, Llandyfriog, SN34; AOC. First records. Aggressively naturalized in both sites, this decorative garden plant is now often considered to be a distinct species.

481/1. *Sherardia arvensis* L. (Field Madder). Waste ground on housing estate, Bryncastell, Bow Street, SN68, RL. The first recent report of this arable weed species in its alternative habitat.

307/2. *Doronicum plantagineum* L. (Plantain-leaved Leopard's-bane). Naturalized in woodland undisturbed for several decades, Lovesgrove, SN68, AOC, 1980. First record, det. A.C. Leslie.

518/3. *Solidago gigantea* Ait. ssp. *serotina* (O.Kuntze) McNeill (Early Goldenrod). Laneside between railway line and Afon Rheidol, Llanbadarn Fawr, SN58, R.O. Ellis, 1970 and naturalized for many years on scrubby waste ground by railway sidings, Aberystwyth, SN58, AOC. First records.

532/2. *Tragopogon porrifolius* L. (Salsify). Old railway station, Cardigan, SN14, MP, 1973 (site now destroyed); well naturalized with 8 separate clumps in various parts of Aber-arth churchyard, SN46, AOC. First records.

656/6. *Elaecharis uniglumis* (Link) Schult. (Slender Spike-rush). South bank of Teifi estuary, Cardigan Wildlife Park, SN14, AO, 1981. Previously known only from the north of the county.

Sasa palmata (Burb.) E.G. Camus (Bamboo). Well naturalized in Voelas grounds, Glandyfi, SN69, AOC. Second record.

676/9. *Poa compressa* L. (Flattened Meadow-grass). Wall of Cardigan churchyard, SN141 parapet of road bridge on A475 at Aber-banc, SN34; wall 100m N of Llanybydder bridge, SN54, AOC. Known only from two other sites in the county.

680/1. *Briza media* L. (Quaking-grass). Roadside verge near Derry Ormond disused railway station, SN55, AOC. Presumably a relic railway introduction.

MONTGOMERY (comm. Miss E.D. Pugh).

1/4. *Lycopodium clavatum* L. (Stag's-horn Clubmoss). West side of B4518 road, half-mile S of Clywedog Dam, SN89, I. Taylor, 1981.

3/1. *Isoetes lacustris* L. (Quillwort). Llyn Coch-hwyad, SH91, EDP, 1981.

3/2. *Isoetes echinospora* Durieu (Spring Quillwort). Glaslyn, SN89, A.J. Morton. (Megaspores examined).

25/aus. *Polypodium australe* Fee (Southern Polypody). Crevices in south-facing dolerite cliff, Roundton Hill, SO29, P.M. Benoit. Second record.

72/2. *Diplotaxis tenuifolia* (L.) DC. (Perennial Wall-rocket). Two or three plants growing on railway property adjoining track of Welshpool station, SJ20, I.C. Trueman & PMB. First records.

92/1. *Lobularia maritima* (L.) Desv. (Sweet Alison). Scattered clumps on gravelly bank of R. Severn, Dollas, away from any habitation, SJ20, J. Roper & M. Wainwright. Second record.

135/1. *Moenchia erecta* (L.) Gaertn., Mey. & Scherb. (Upright Chickweed). Rocky outcrops in fields above Garreg Bank, SJ21, F.H. Perring & Flora group, 1980.

143/1. *Spergularia rubra* (L.) J. & C. Presl (Sand Spurrey). Roadside W of Pennant, SN89, AJM.

- 149/1b. *Montia fontana* L. ssp. *chondrosperma* (Fenzl) Walters (Blinks). Rocky outcrops in fields above Garreg Bank, SJ21, FHP et al, 1980. First confirmed record.
- 212/4. *Potentilla argentea* L. (Hoary Cinquefoil). Above Garreg Bank, SJ21, FHP et al, 1980.
- 225/8x12. *Rosa canina* L. x *shardii* Davies (a hybrid Rose). Laneside hedge near Hillington Farm on the E side of Corndon Hill, PMB. First record.
- 227/5. *Cotoneaster frigidus* Wall. ex Lindl. Roadside hedge near entrance to farm drive, Pont Llyfnant on A487, SN79, H. Williams. First record.
- 235/3. *Sedum spurium* Bieb. (Caucasian Stonecrop). Farmyard wall, Bahallion Bank near City, SO28, R.G. Ellis.
- 262/4. *Callitriche Anulata* Kutz. ex Koch (Intermediate Water-starwort). Pool at Llanerchydol, Welshpool, SJ20, MW, 1981.
- 341/2. *Quercus ilex* L. (Evergreen Oak). In grounds of Glascoed Farm, SJ22, EDP, 1980, second record; near the entrance to car park from A483 road opposite the church, Welshpool, SJ22, EDP.
- 343/1. *Salix pentandra* L. (Bay Willow). Wet ground below Corndon Hill, SO39, JR, 1980. det. C.A. Sinker.
- 343/13x12. *Salix aurita* x *cinerea* = *S. x multinervis* Doll (a hybrid Willow). W end of wood N of Geuffordd, SJ21, CAS, 1978. Third record.
- 413/3. *Solanum nigrum* L. (Black Nightshade). Near Pont y Pentre, Llansantffraid, SH21, FHP et al, 1980. Second record.
- 426/1. *Limosella aquatica* L. (Mudwort). Fairly plentiful in backwaters of R. Severn, Dollas, SJ20, JR & ICT.
- 430/20. *Veronica Aederifolia* L. ssp. *Aederifolia* (Ivy-leaved Speedwell). Roadside, Gaerfawr Hill, Gullsfield, SJ21, PMB & EDP, 1976. First record.
- 475/8. *Campanula patula* L. (Spreading Bellflower). One or two plants on hedge bank near a farm track, SO39, J. Warren, 1980. First record. (Also on roadside in Shropshire in SO39).
- 551/1. *Picris echioides* L. (Bristly Oxtongue). Garden weed, Pentre Lliffior, Berriew, SO19, H. Burke, 1980.
- 562/1. *Luronium natans* (L.) Raf. (Floating Water-plantain). A few plants in canal SW of Vernllwyd, SJ20, MW & EDP, 1981.
- 566/1. *Butomus umbellatus* L. (Flowering-rush). Plentiful in pools near R. Severn, Dollas, SJ20, JR & ICT.
- 605/7.fol. *Juncus foliosus* Desf. (a Toad Rush). Boggy edge of stream, SW side of Corndon Hill, SJ39, PMB.

663/67. *Carex spicata* Hudson (Spiked Sedge). Aberhosan churchyard, SN89, AJM.

MERIONETH (comm. P.M. Benoit).

225/1x12. *Rosa arvensis* Muds. x *sherardii* Davies (a hybrid Rose). Roadside bank, SW Cynwyd, Llangar, SJ04, H. Handley, det. G.G. Graham. First record.

225/1x15. *Rosa arvensis* x *micrantha* = *R. x (nolegans* W.-Dod (a hybrid Rose). Embankment on N shore of Afon Dwyryd, SH63, HH, det. GGG. First Welsh record.

225/4x12. *Rosa pimpinellifolia* x *sherardii* = *R. x involuta* Sm. (a hybrid Rose). Stable dunes, Morfa Harlech, SH53, HH, det. GGG. First record.

225/8x11. *Rosa canina* x *tomentosa* = *R. x curvispina* W.-Dod (a hybrid Rose). Two bushes in marsh, E side of A496, Tan yr Allt, SH63, HH, 1977, det. Mrs I.M. Vaughan roadside hedgerow, Cwm-tir-mynach, SH94, HH, 1980, det. GGG. First and second records.

225/8.dum. *Rosa dumetorum* Thuill. (Thicket Rose). Hillside scrub, E of Soar, SH63, HH, 1977, det. IMV.

225/9. *Rosa afzellaniana* Fr. (Glaucous Rose). Hedgerow near Hendre, c.7km NE Bala, SH94, HH, 1978, det. IMV.

225/12. *Rosa sherardii* Davies (Sherard's Rose). SE bank of Afon y Glyn, E of Soar, SH63, HH, 1977; hedgebank, between Bont Newydd and Rhos Wen, SH74, HH, 1977; bank of Afon Mynach, Nant Gau, SH94, HH, 1978; Minfordd Quarry, SH53, HH, 1978, all det. IMV; roadside near Trawstynydd Reservoir, SH73, HH, 1974, det R. Melville.

372/4. *Anagallis minima* (L.) E.H.L. Krause (Chaffweed). Rock crevices, Ynys Giffitan, SH63, O.H. Black & HH, 1969, det PMB.

430/22. *Veronica polita* Fr. (Grey Field-speedwell). Garden weed, Aberdyfi, SN69, PMB. First confirmed record for county, all previous records are errors.

557/3. *Cicerbita macrophylla* (Willd.) Wallr. ssp. *uralensis* (Rouy) P.D. Sell (Blue Sow-thistle). Overgrown area on old road to Capel Curig near Llyn Celyn, SH84, HH, 1980, det. PMB.

CAERNARFON (comm. M. Morris)

419x5. *Equisetum arvense* x *fluviatile* = *E. x littorale* Kuhlew. ex Rupr. (a hybrid Horsetail). On newly made up damp roadside soil near Treborth Farm lane, SH57, R.H. Roberts.

84/1. *Thlaspi arvense* L. (Field Penny-cress). About six plants in crevices of pavement alongside the A5 road in Bangor, RHR; in a similar place along the A5 opposite the George Hostel, Bangor, Miss M.P. Denny; both SH57. Apparently a recent arrival.

136/2. *Atriplex patula* L. (Common Orache). Sand dunes, Morfa Bychan, SH53, N. Woodhead, 1956.

225/13. *Rosa micrantha* Borrer ex Sm. (Small-flowered Sweetbriar). One bush in hedge, Brewery fields, Bangor, SH57; seven bushes in roadside hedges between Gatehouse and St. Cross Church, Talybont, SH67, RHR.

254/6x3. *Epilobium ciliatum* Rafin. x *montanum* L. (a hybrid Willowherb). Waste ground near the old Menai Bridge railway station near Treborth, SH57, RHR. First record.

254/6x9. *Epilobium ciliatum* Rafin. x *obscurum* Schreber (a hybrid Willowherb). On damp soil with both parents nearby, Hendre Park, Caernarfon, SH46, RHR. Second record.

319/6. *Euphorbia dulcis* L. (Sweet Spurge). Many plants on newly-made roadside bank near Treborth Farm lane, Bangor, SH57, RHR, conf. at Kew. This continental species seems to have spread from the site half-a-mile away where it was first recorded about 1940 by NW & R.D. Tweed.

370/5. *Lysimachia punctata* L. (Dotted Loosestrife). Two well established patches in damp roadside verges near Pont-rûg, Caernarfon, SH56, RHR.

413/1. *Datura stramonium* L. (Thorn-apple). One plant on newly disturbed ground near Glynn Road, Bangor, SH57, Mrs E. Williams, comm. Mrs K. Prosser.

430/22. *Veronica polita* Fr. (Grey Field-speedwell). Garden weed, Hen Barc, Bethesda, SH66, RHR. Sometimes confused with *V. agrestis* from which it can be distinguished by the short, crisped hairs over the whole surface of the capsule.

473/5. *Campanula persicifolia* L. (Peach-leaved Bellflower). On top of roadside bank, a long way from any garden, near Pwllhell, SH33, J. Bailey, 1981, det. T.G. Tutin. First record. Evidently self-sown and persistent.

473/11. *Campanula medium* L. (Canterbury-bells). Three plants on roadside bank near A5 opposite the George Hostel, Bangor, SH57, RHR. Second record.

503/2. *Galinsoga quadriradiata* Ruiz & Pavon (Shaggy Soldier). Weed in garden in Tregarth, SH56, RHR.

511/1. *Calendula officinalis* L. (Pot Marigold). Roadside near Llanwnda, SH45, R.G. Ellis.

625/2. *Epipactis helleborine* (L.) Crantz (Broad-leaved Helleborine). Scarce in woodland near Capel Ogwen, Llandegai, SH67, N. Brown. First recent record from a locality where the plant was known to J.E. Griffith (1893). Several plants of this species were found recently under bushes in a garden in Dwygyfychi, SH77, teste NB.

670/9. *Festuca tenuifolia* Sibth. (Fine-leaved Sheep's-fescue). Wet moorland, Moel-y-ci, Tregarth, SH56, RHR. First confirmed and localized record.

692/1. *Avena fatua* L. (Wild-oat). Cornfields between Talybont and Aber, in many places, SH67, RHR.

700/1. *Calamagrostis epigejos* (L.) Roth (Wood Small-reed). Borth y Gest, SH53, R.E. Hughes.

DENBIGH (comm. Mrs J.A. Green)

37/2. *Ceratophyllum submersum* L. (Soft Hornwort). Old warl pit, near Holt, SJ35, P. Day and A.G. Spencer, 1979. First record.

168/12. *Geranium rotundifolium* L. (Round-leaved Crane's-bill). Edge of wood, Sydalit near Cefn y Bedd, SJ35, V. Gordon, 1980. First woodland record.

207/3. *Lathyrus tuberosus* L. (Tuberous Pea). Marford Quarry, SJ35, AGS. First record.

240/1. *Tellina grandiflora* (Pursh) Dougl. ex Lindl. (Fringe-cups). Roadside bank near Singret, Gresford, SJ35, VG, 1980.

392/7. *Symphytum ibericum* Steven (Dwarf Comfrey). Roadside verge between Betws-y-Coed and Llanrwst, SH85, F. Edmonds, 1979, det. E.J. Clement. First Welsh record.

506/2x1. *Senecio aquaticus* x *jacobaea* = *S.* x *ostenfeldii* Druce (a hybrid Ragwort). River bank near Rhydycreua, Betws-y-Coed, SH75, P.M. Benoit, 1977. First record.

554/1. *Lactuca scariola* L. (Prickly Lettuce). Sand quarry, Llan-y-pwll near Wrexham, SJ35, J.B. Formstone. First record.

558/1/154. *Hieracium maculatum* Sm. (a Hawkweed). Old sand quarry, Marford, SJ35, T. Edmondson. First record.

FLINT (comm. G.Wynne).

27/1. *Azolla filiculoides* Lam. (Water Fern). Man-made pond, Gwern Estyn, SJ35, R. Maycock, 1981. First record.

61/1. *Glaucium flavum* Crantz (Yellow Horned-poppy). Industrial waste, Mostyn docks, SJ18, P. Day. First post-1930 record.

115/6x3. *Hypericum maculatum* x *perforatum* = *H.* x *desotangisii* Lamotte (a hybrid St. John's-wort). Prestatyn, SJ08, Harrison, 1913, det N.K.B. Robson. A specimen from Liverpool Museum represents the only county record.

192/11. *Trifolium scabrum* L. (Rough Clover). Dry bank nr sea, between Rhyl and Prestatyn, SJ08, Mrs J.A. Green. First confirmed record.

216/3x1. *Geum rivale* x *urbanum* = *G.* x *intermedium* Ehrh. (a hybrid Avens). Mixed woodland, Caerwys, SJ17, PD.

- 226/3. *Prunus cerasifera* Ehrh. (Cherry Plum). Several roadside shrubs, Kelsterton, SJ27, GU. First record.
- 254/13. *Epilobium brunnescens* (Cockayne) P.H. Raven & Engelhorn (New Zealand Willowherb). Damp shady stone wall, Nercwys, SJ26, GU. Second record.
- 298/1. *Criothus maritimus* L. (Rock Sapphire). Rhyd, SJ08, 1886, J.B. Stone. A specimen in Birmingham City Museums represents the only known record for the county.
- 300/6. *Oenanthe aquatica* (L.) Poiret (Fine-leaved Water-dropwort). Field pool near Hope, SJ35, V. Gordan, 1980; also field pond at Bretton Hall Farm, SJ36, GU.
- 358/1. *Vaccinium vitis-idaea* (Cowberry) L. Edge of conifer plantation, Coed Pen-y-Nant, near Rhydtalog, SJ25, GU. Second record.
- 416/10. *Verbascum virgatum* Stokes (Twiggy Mullein). Coal waste on factory tip, near Flint Castle, SJ27, GU, 1979. About ten plants in flower and fruit.
- 440/8. *Orebanche niger* Sm. (Common Broomrape). Rough grassy waste between colliery spoil and salt-marsh, Point of Air, SJ18, E. Hardy, 1979.
- 475/1. *Campanula latifolia* L. (Giant Bellflower). Copse, Hope Mountain near Caergwrle, SJ25, VG, 1980.
- 482/1. *Phuopsis stylisa* (Trin.) B.D. Jackson (Caucasian Crosswort). Near Cwm Dyserth, SJ07, JAG, conf. E.J. Clement.
- 538/1. *Arctium lappa* L. (Greater Burdock). Road verge, just inside county boundary, near Blacon, SJ37, GU, conf. EJC. Second record.
- 570/3. *Elodea nuttallii* (Planch.) St. John (Nuttall's Waterweed). Lowland drainage ditch, Thornleigh Park, SJ36, GU. First record.
- 571/1. *Lagarosiphon major* (Ridley) Moss (Curly Water-thyme). Small pond, Nercwys Mountain, SJ26, GU, det. N. Holmes. First record.
- 636/1b. *Gymnadenia conopsea* (L.) R.Br. ssp. *densiflora* (Wahlenb.) G. Camus, Bergon & A. Camus (Fragrant Orchid). Shotton steel works, SJ37, EH, 1981. First record.
- 676/14. *Poa palustris* L. (Swamp Meadow-grass). Abundant on ploughed waste ground, Sandycroft Industrial Estate, SJ36, GU & A.J. Silverside, 1981. First record.
- 683/4. *Bromus inermis* Leysser (Hungarian Brome). Central reservation of dual carriageway, Emloe, SJ26, G.M. Kay, conf. P.M. Benoit. First record.
- 707/5. *Phleum pratense* L. (Sand Cat's-tail). Sand dunes, Prestatyn Golf Course, SJ08, JAG, 1979.

720/1. *Setaria viridis* (L.) Beauv. (Green Bristle-grass). Waste ground, Flint Castle, GJ27, GW, 1979. First localised record.

ANGLESEY (comm. R.H. Roberts)

4/4. *Equisetum variegatum* Schleich. ex Weber & Mohr (Variegated Horsetail). Dune slack near Bodlisan, Llanfachraeth, SH28, T.H. Blackstock.

29/1. *Ophloglossum vulgatum* L. (Adder's-tongue). Rough grassland, Trwyn Du, Penmon, SH68, N. Brown.

46/11. *Ranunculus lingua* L. (Greater Spearwort). Fen near Clegir Mawr, Gwalchmai, SH37, THB.

50/1. *Thalictrum flavum* L. (Common Meadow-rue). About 20 plants in rough pasture, Porth Diana, Trearddur, SH27, P. Day.

58/2. *Papaver dubium* L. (Long-headed Poppy). Waste ground, Porthamel, SH56, Miss M.P. Denne.

70/2. *Sinapis alba* L. (White Mustard). Waste ground in Breakwater Quarries, Holyhead, SH28, PD. Confirmation of an old record by J.E. Griffith (1895).

84/1. *Tilaspia arvense* L. (Field Penny-cress). On a newly made up bank of soil in Llynfaes, SH47, Miss A.P. Conolly, 1979; by the A5 road between Menai Bridge and Llanfairpwll, SH57, MPD. First and second post-1950 records.

112/1. *Reseda luteola* L. (Weld). Near Porthamel, SH56, MPD.

122/1. *Elatine hexandra* (Lap.) DC. (Six-stamened Waterwort). Llyn Llygeirian, near the causeway, SH39, Lady R. Fitzgerald.

122/2. *Elatine hydrophilus* L. (Eight-stamened Waterwort). Washed up on the north shore of Llyn Llygeirian, SH39, RF.

163/1. *Malva moschata* L. (Musk Mallow). Roadside verge between Cemaes and Amlwch, SH49, J. Smith, 1974; grassy bank near Ty Coch, Talwrn, SH57, RHR.

166/1. *Linum Dianne* Mill. (Pale Flax). Disused limestone quarry, Marian Dyrys, SH68, Mrs M.H. Davies.

168/9. *Geranium pyrenaicum* Burm. fil. (Hedgerow Crane's-bill). Roadside verges near Ty Du, Cemaes, SH39, and near Bull Bay, SH49, A.G. Knapp.

170/6. *Oxalis articulata* Savigny (Pink Oxalis). Waste ground in Breakwater Quarries, Holyhead, SH28, PD.

173/2. *Acer platanoides* L. (Norway Maple). Woodland near Porthamel, SH56, MPD.

173/3. *Acer campestre* L. (Field Maple). One bush in a hedge below Llanidan, SH46, Mrs L.J. Rees.

- 185/1. *Senecio flinctoria* L. (Dyer's Greenweed). Rough pasture, Porth Diana, Trearddur, SH27, PD. First post-1950 record.
- 185/2. *Senecio anglica* L. (Petty Whin). In wind-cut *Calluna* heath on cliff-tops between Porth Cwyfan and Porth Treacstell, SH56, N.A. Sanderson & J. Hall.
- 190/2. *Medicago sativa* L. (Lucerne). One plant on waste ground above the shore, near Friars, Beaumaris, SH67, P. James & T. ap Rheinalit. First post-1950 record.
- 216/3. *Sium rivale* L. (Water Aven). Damp wood near Bodowyr, Llangaffo, SH46, Miss A. Burn.
- 226/3. *Prunus cerasifera* Ehrh. (Cherry Plum). In woodland near Porthamel, SH56, MPD.
- 229/1. *Crataegus laevigata* (Poiret) DC. (Midland Hawthorn). By the wall of a ruined cottage, Porthamel, SH56, MPD.
- 254/6x3. *Epilobium ciliatum* Rafin. x *montanum* L. (a hybrid Willowherb). Limestone quarry on Marian Dyrys, SH68; near the Timber-yard, Menai Bridge, SH57; roadside ditch, Mynydd Bodafon, SH48, RHR.
- 254/13. *Epilobium brunnescens* (Cockayne) Raven & Engelhorn (New Zealand Willowherb). Damp ground near the well at Penmon Priory, SH68, E. Jones & MPD.
- 257/1. *Fuchsia magellanica* Lam. (Fuchsia). In a hedge 200 yds from nearest cottage, near Llanddygfael Hir, Llanfechell, SH39, AGK.
- 300/1. *Oenanthe fistulosa* L. (Tubular Water-dropwort). Meanders of the old Afon Cefni, below Fferan Paradwys, SH47, THB.
- 302/1. *Foeniculum vulgare* Mill. (Fennel). Roadside verge near Pentrefelin, Amlwch, SH49, RHR.
- 321/1. *Fagopyrum esculentum* Moench (Buckwheat). About a dozen plants on soil dumped along the roadside near Maelog Lake Hotel, SH37, RF.
- 330/2. *Ulmus procera* Salisb. (English Elm). Wood near Porthamel, SH56, MPD.
- 358/2. *Vaccinium myrtillus* L. (Bilberry). Y Garn, Llanfairynghornwy, SH39, RHR.
- 368/1. *Hottonia palustris* L. (Water-violet). Meander of the old Afon Cefni below Fferan Paradwys, SH47, THB.
- 415/1. *Datura stramonium* L. (Thorn-apple). One plant in allotment at Carreg-y-gad, Llanfairpwll, SH57, LJR. Another plant was seen on adjoining land two years previously.
- 420/2. *Linaris purpurea* (L.) Mill. (Purple Toadflax). Breakwater Quarries, Holyhead, SH28, PD.

- 430/23. *Veronica agrestis* L. (Green Field-speedwell). Waste ground in Breakwater Quarries, Holyhead, SH28, PD.
- 440/8. *Orchancha minor* Sm. (Common Broomrape). Breakwater Quarries, Holyhead, SH28, PD edge of car park near South Stack, SH28, R. Bateman & I. Denholm.
- 442/2. *Utricularia australis* R. Br. (Greater Bladderwort). Fen near Clegir Mawr, Gwalchmai, SH37, THB.
- 465/5. *Galeopsis speciosa* Mill. (Large-flowered Hemp-nettle). Arable land near Bwrdd Arthur, Llanddona, SH38, PD.
- 497/1. *Dipsacus fullonum* L. (Common Teasel). Waste ground, Breakwater Quarries, Holyhead, SH28, PD.
- 544/1. *Centaurea scabiosa* L. (Greater Knapweed). Breakwater Quarries, Holyhead, PD.
- 577/13. *Potamogeton pusillus* L. (Lesser Pondweed). Fresh water ditch near Ty'n Llan, Cemlyn, SH39, LJR.
- 600/2. *Nyacinthoides hispanica* (Mill.) Rothm. (Spanish Bluebell). Roadside verge near Trwyn y Penrhyn, Penmon, SH67, RHR.
- 605/7. (ol. *Juncus foliosus* Desf. (a Toad Rush). Muddy ground, Breakwater Quarries, Holyhead, SH28, THBI muddy stream, Porth-yr-ychen, Llanellian, SH49, RHR.
- 605/9x8. *Juncus effusus* x *inflexus* = *J. x diffusus* Hoppe (a hybrid Rush). Ditch in Cors Ddygal below Fferam Paradwys, SH47, THB.
- 605/18x19. *Juncus acutiflorus* x *articulatus* = *J. x surrejanus* Druce ex Stace & Lambinon (a hybrid Rush). Marshy ground near Porth-yr-ychen, Llanellian, SH49, RHR1 near Llyn Bodgylched, Beaumaris, SH37, T.H. Blackstock.
- 607/5. *Allium vineale* L. (Wild Onion). Roadside verge near Cemlyn, SH39, LJR; edge of Valley R.A.F. Airfield, SH37, W.S. Lacey.
- 625/2. *Epipactis helleborine* (L.) Crantz (Broad-leaved Helleborine). One plant near Cae Mair Estate, Beaumaris, SH57, Mrs N. Cragg & LJR; a few plants on the side of the drive to the old lifeboat station, Beaumaris, SH67, Mrs C. Girling, comm. NC.
- 661/1. *Cladium mariscus* (L.) Pohl (Great Fen-sedge). Fen near Clegir Mawr, Gwalchmai, SH37, THB.
- 663/33. *Carex lasiocarpa* Ehrh. (Slender Sedge). Fen near Clegir Mawr, Gwalchmai, SH37, THB.
- 663/36. *Carex diandra* Schrank (Lesser Tussock-sedge). Waun Lydan bog, Llanfairynghorwry, SH39, LJR & RHR1 Wern reservoir, Llanddona, and Cors-y-wiber, Penraeth, SH37, PD.
- 670/6x672/1. *Festuca rubra* x *Vulpia fasciculata* = x *Festulpia hubbardii* Stace & Cotton (a hybrid Fescue). Stabilised dunes, with both parents, Aberffraw Common, SH36, A.J. Willis, 1973, comm. B.D. Wheeler.