



**Biodiversity Duty:  
Vascular Plant Survey  
of National History Museum,  
St Fagans, Cardiff**



**Tim Rich  
Department of Biodiversity & Systematic Biology**

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## Introduction

From 1 October 2006, all public authorities in England and Wales have a duty to have regard to the conservation of biodiversity in exercising their functions (Section 40 of the Natural Environment and Rural Communities Act 2006). As part of the Museum's response to this legislation, biodiversity audits are being carried out at a series of its sites.

In this report, a draft vascular plant list is presented from a survey of the grounds of the National History Museum, St Fagans in 2008 and 2009.

## Methods

The survey was carried out by Tim Rich in October 2008 whilst carrying out the Phase 1 habitat survey, with additional data from 1 March 2009, 7 April 2009 and 5 May 2009. The area surveyed is shown in Figure 1. A few specimens of taxa difficult to identify were collected for later determination. Obviously planted taxa such as the Garden roses were not recorded, with a few exceptions. Nomenclature follows C.A. Stace (1997), *New Flora of the British Isles*, Cambridge University Press.

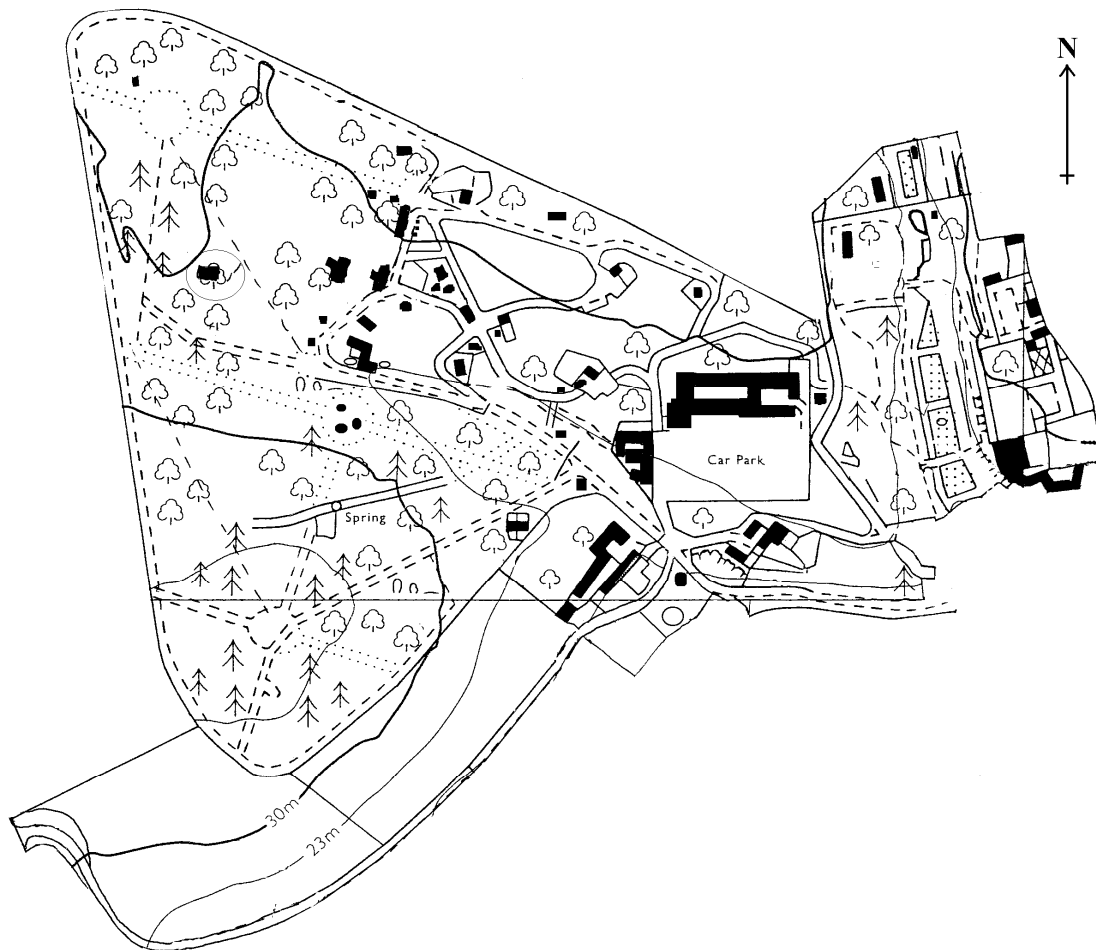


Figure 1. Boundary of area surveyed, National History Museum.

## Results

The species recorded by T. Rich are listed in Table 1.

TABLE 1. VASCULAR PLANTS RECORDED AT ST FAGANS, T. RICH 2008 AND 2009.  
Alien species not native in the British Isles or introduced at this site are marked with an asterisk \*.

Species	Vernacular name	Notes
<i>Acer campestre</i>	Field Maple	Rare in woodland
<i>Acer platanoides</i> *	Norway Maple	Rare, a few saplings and young trees in woodland
<i>Acer pseudoplatanus</i> *	Sycamore	Widespread, especially in woodlands on west side, regenerating
<i>Achillea millefolium</i>	Yarrow	Rare, on margins of main drive, bank by castle
<i>Aconitum napellus</i>	Monks-hood	Rare, along river bank and a few plants in woodland
<i>Adoxa moschatellina</i>	Moschatel	Riverbank, and frequent in SW woodland
<i>Aegopodium podagraria</i> *	Goutweed	Rare on river bank
<i>Aesculus hippocastanum</i> *	Horse Chestnut	Rare, on riverbank and in woodland, sometimes planted
<i>Agrostis capillaris</i>	Common Bent	Frequent in grassland and on banks
<i>Agrostis stolonifera</i>	Creeping Bent	Frequent on sides of ponds and stream, and in damp grassland
<i>Alisma plantago-aquatica</i>	Water Plantain	Planted in Italian garden pond
<i>Alliaria petiolata</i>	Garlic Mustard	Rare on wood edges, and riverbank
<i>Allium ursinum</i>	Ransoms	Occasional riverbank and woodland
<i>Alnus glutinosa</i>	Alder	Rare on river bank
<i>Alnus incana</i> *	Grey Alder	Planted near control room
<i>Alopecurus pratensis</i>	Meadow Fox-tail	Bank below Castle
<i>Anemone nemorosa</i>	Wood Anemone	Occasional woodlands
<i>Angelica sylvestris</i>	Wild Angelica	Woodland ride
<i>Anisantha sterilis</i>	Barren Brome	Bank at entrance from Dual Carriageway
<i>Anthoxanthum odoratum</i>	Sweet Vernal-grass	Occasional in grassland
<i>Anthriscus sylvestris</i>	Cow Parsley	Occasional on banks
<i>Aphanes arvensis</i>	Parsley Piert	Rare near control room
<i>Apium nodiflorum</i>	Fool's Watercress	By stream and ornamental ponds, pond by control room
<i>Arabidopsis thaliana</i>	Thale Cress	Occasional on wall tops, open ground etc.
<i>Arctium minus</i>	Burdock	Abundant in pig field, rare elsewhere
<i>Arrhenatherum elatius</i>	False Oat-grass	Scattered on unmown grassland edges
<i>Arum maculatum</i>	Cuckoo Pint	Frequent under hedges etc.
<i>Asplenium adiantum-nigrum</i>	Black Spleenwort	Wall in Gardens House
<i>Asplenium ruta-muraria</i>	Wall-rue	Occasional on walls around St Fagans Castle
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort	Frequent on walls around St Fagans Castle
<i>Athyrium filix-femina</i>	Lady Fern	Rare in damp woodland
<i>Helictotrichon pubescens</i>	Downy Oat-grass	Bank outside Capel Pen-rhiw

Species	Vernacular name	Notes
<i>Barbarea verna</i> *	American Watercress	Gardens House, relict of cultivation
<i>Bellis perennis</i>	Daisy	Scattered in grassland and 'concrete mesh' car park
<i>Berberis</i> sp.*	Burberry	Wall, St Fagans (out of reach)
<i>Betula pendula</i>	Silver Birch	Occasional in woodland
<i>Brachypodium sylvaticum</i>	False Wood-brome	Occasional in woodland and on hedgebanks
<i>Bromopsis ramosa</i>	Wood Brome	Rare in woodland, and frequent at 'Wood Henge'
<i>Bromus hordeaceus</i>	Lop-grass	Occasional on banks
<i>Buddleja davidii</i> *	Butterfly Bush	Rare on dumped soil
<i>Callitriche platycarpa</i>	Various-leaved Water Starwort	Occasional in ponds and abundant in stream
<i>Caltha palustris</i>	Marsh Marigold	Stream , St Fagans Castle (cultivated form?)
<i>Calystegia sepium</i> agg.	Bindweed	Rare in hedges
<i>Capsella bursa-pastoris</i>	Shepherd's Purse	Rare weed
<i>Cardamine flexuosa</i>	Wavy Bittercress	Frequent weed on open soil
<i>Cardamine hirsuta</i>	Hairy Bittercress	Occasional in spring in flower beds and path sides
<i>Cardamine pratensis</i>	Cuckoo Flower	Frequent in grassland
<i>Carex acutiformis</i>	Lesser Pond-Sedge	Pond below swimming pool
<i>Carex caryophylla</i>	Spring Sedge	Rare on bank near Castle
<i>Carex divulsa</i> subsp. <i>divulsa</i>	Grey Sedge	Scattered on hedgebanks on lanes
<i>Carex flacca</i>	Carnation Grass	Main drive
<i>Carex hirta</i>	Hairy Sedge	Rare in damp grassland in western meadow
<i>Carex pendula</i>	Pendulous Sedge	Rare on damp soil on wood edges, and frequent at 'Wood Henge'
<i>Carex remota</i>	Remote Sedge	Locally frequent on damp soil in woodland
<i>Carex sylvatica</i>	Wood Sedge	Occasional in woodland and along hedgebanks
<i>Carpinus betulus</i> *	Hornbeam	Mostly planted, a few young saplings noted
<i>Castanea sativa</i> *	Sweet Chestnut	Rare in woodland
<i>Centranthus rubra</i> *	Red Valerian	Rare on walls around St Fagans Castle
<i>Cerastium fontanum</i>	Mouse-ear	Rare in grassland and on banks
<i>Cerastium glomeratum</i>	Sticky Mouse-ear	Occasional in bare patches
<i>Chamerion angustifolium</i>	Rosebay Willowherb	Rare in open glade in woodland and on wood edge
<i>Chrysosplenium oppositifolium</i>	Opposite-leaved Golden saxifrage	Locally dominant on damp soil in woodland
<i>Circaea lutetiana</i>	Enchanter's Nightshade	Occasional in woodlands
<i>Cirsium arvense</i>	Creeping Thistle	Rare in grassland
<i>Cirsium palustre</i>	Marsh Thistle	Occasional in damp places
<i>Cirsium vulgare</i>	Spear Thistle	Occasional
<i>Conopodium majus</i>	Pignut	Rare near Celtic Village
<i>Cornus sanguinea</i>	Dogwood	Woodland near Y Garreg Fawr
<i>Coronopus didymus</i> *	Lesser Swinecress	Near front entrance
<i>Corylus avellana</i>	Hazel	Frequently planted on hedges, locally frequent in woodland

Species	Vernacular name	Notes
<i>Crataegus laevigata</i> x <i>monogyna</i>	Hybrid Hawthorn	Planted in hedge near Llainfadyn Cottage
<i>Crataegus monogyna</i>	Hawthorn	Scattered in woodland, dominant in hedges
<i>Crepis capillaris</i>	Smooth Hawk's-bit	Rare on wall
<i>Crepis vesicaria</i>	Beaked Hawk's-bit	Verge at entrance from dual carriageway
<i>Cymbalaria muralis</i> *	Ivy-leaved Toad-flax	Occasional on walls of St Fagans Castle and grounds
<i>Cynosurus cristatus</i>	Crested Dog's-tail	Frequent in improved grassland
<i>Dactylis glomerata</i>	Cock's-foot	Occasional in grassland
<i>Deschampsia cespitosa</i>	Tufted Hair-grass	By main drive
<i>Dryopteris affinis</i>	Scaly Male-fern	Woodland at north end
<i>Dryopteris dilatata</i>	Broad Buckler Fern	Occasional in woodland
<i>Dryopteris filix-mas</i>	Male Fern	Locally frequent in woodland and on hedgebanks
<i>Epilobium ciliatum</i> *	American Willowherb	Occasional weed
<i>Epilobium montanum</i>	Broad-leaved Willowherb	Rare weed
<i>Epilobium parviflorum</i>	Hoary Willowherb	Rare in damp grassland in western meadow
<i>Equisetum arvense</i>	Field Horsetail	Main drive
<i>Euonymus europaeus</i>	Spindle	Rare by wall, St Fagans Castle
<i>Eupatorium cannabinum</i>	Hemp Agrimony	Rare in damp grassland in western meadow
<i>Euphorbia peplus</i>	Petty Spurge	Rare weed
<i>Fagus sylvatica</i>	Beech	Abundant and locally dominant, regenerating freely
<i>Fallopia japonica</i> *	Japanese Knotweed	Banks of River Ely
<i>Festuca arundinacea</i>	Tall Fescue	Rare on hedgebanks and ungrazed grassland
<i>Festuca rubra</i>	Red Fescue	Frequent on banks etc.
<i>Filipendula ulmaria</i>	Meadowsweet	Rare on sides of pond, and damp places
<i>Fragaria vesca</i>	Wild Strawberry	Locally frequent on hedgebanks
<i>Fraxinus excelsior</i>	Ash	Abundant and locally dominant in woodland
<i>Galanthus nivalis</i> *	Snowdrop	Widespread in spring in castle grounds
<i>Galium aparine</i>	Goose-grass	Locally frequent on edges and hedgebanks
<i>Galium palustre</i>	Marsh Bedstraw	Pond below swimming pool
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	Rare in grassland
<i>Geranium robertianum</i>	Herb Robert	Locally frequent on edges and hedgebanks
<i>Geum urbanum</i>	Herb Bennett	Occasional on woodland edges and hedgebanks
<i>Glechoma hederacea</i>	Ground Ivy	Occasional
<i>Glyceria fluitans</i>	Sweet-grass	Stream above ornamental ponds
<i>Groenlandia densa</i>	Opposite-leaved pondweed	Dominant in ornamental ponds
<i>Hedera hibernica</i>	Irish Ivy	Frequent throughout site, locally dominant in woodland
<i>Heracleum sphondylium</i>	Hogweed	Occasional
<i>Hieracium cf. grandidens</i>	Hawkweed	Wall opposite House of the Future
<i>Hirschfeldia incana</i> *	Hoary Mustard	Rare weed on dumped soil

Species	Vernacular name	Notes
<i>Holcus lanatus</i>	Yorkshire Fog	Frequent in grasslands
<i>Hyacinthoides hispanica</i> x <i>non-scripta</i> *	Hybrid Bluebell	Wood by control room
<i>Hyacinthoides non-scripta</i>	Bluebell	Occasional in woodland
<i>Hypericum maculatum</i>	Square-stalked St-John's-Wort	Rare by main drive
<i>Hypericum perforatum</i>	Perforate-leaved St John's-wort	Rare on wall top
<i>Hypochaeris radicata</i>	Cat's-ear	Occasional in grassland
<i>Ilex aquifolium</i>	Holly	Occasional, scattered in woodlands
<i>Impatiens glandulifera</i> *	Himalayan Balsam	Frequent by river and occasional elsewhere
<i>Iris</i> cf. <i>pseudacorus</i>	Yellow Flag	Rare, by pond and stream
<i>Juncus effusus</i>	Soft Rush	Occasional in damp places (e.g. by Celtic Village)
<i>Juncus inflexus</i>	Hard Rush	Rare in damp grassland and by main drive
<i>Lamium purpureum</i>	Red Deadnettle	Rare near control room
<i>Lapsana communis</i>	Nipplewort	Rare on hedgebanks
<i>Lathyrus pratensis</i>	Meadow Vetchling	Rare by main drive
<i>Lemna minor</i>	Duckweed	Abundant in Tannery Pits and by stream above ornamental ponds
<i>Leontodon autumnalis</i>	Autumn Hawkbit	Rare on hedgebank
<i>Leontodon hispidus</i>	Rough Hawk's-bit	Rare on bank near Castle
<i>Leucanthemum vulgare</i>	Oxeye Daisy	Rare
<i>Ligustrum ovalifolium</i> *	Garden Privet	Occasional in hedges and woodland
<i>Lolium perenne</i>	Rye Grass	Dominant in grasslands
<i>Lonicera nitida</i> *	Wilson's Honeysuckle	Rare in woodland
<i>Lonicera periclymenum</i>	Honeysuckle	Rare in woodland
<i>Lotus corniculatus</i>	Bird's-foot Trefoil	Rare in grassland by main drive
<i>Lotus pedunculatus</i>	Greater Bird's-foot trefoil	Walls of Old Village site
<i>Luzula campestris</i>	Field Woodrush	Occasional in better grassland
<i>Lysimachia nummularia</i>	Creeping Jenny	Walls of Old Village site
<i>Malva sylvestris</i>	Mallow	Corner of overflow car park
<i>Matricaria discoidea</i> *	Pineapple-Weed	Occasional in 'concrete mesh' car park
<i>Medicago lupulina</i>	Black Medick	Rare on banks and in grass
<i>Melica uniflora</i>	Wood Melick	Rare in woodland
<i>Mentha alopecuroides</i> *	Round-leaved Mint	Garden, Llwyn yr Eos Farmstead
<i>Mentha aquatica</i>	Water Mint	Rare by pond by Control Room
<i>Mercurialis perennis</i>	Dog's Mercury	Occasional
<i>Milium effusum</i>	Wood Millet	Wood at north end
<i>Moehringia trinervia</i>	Three-veined Sandwort	Bank near chapel
<i>Narcissus pseudonarcissus</i> *	Daffodil	Frequently planted in castle grounds, at entrance from ring road, etc.
<i>Narcissus</i> x <i>incomparabilis</i> *	Nonesuch Daffodil	Pond by control room
<i>Nasturtium officinale</i>	Watercress	Frequent in pond below swimming pool; pond by control room
<i>Oenanthe crocata</i>	Hemlock Water-dropwort	Ditch and damp places
<i>Origanum vulgare</i>	Marjoram	Rare on bank near Castle
<i>Orobancha hederæ</i>	Ivy Broomrape	4 old inflorescences under beech hedge by playground
<i>Oxalis corniculata</i> *	Procumbent Yellow-sorrel	Gardens House, greenhouse
<i>Paeonia officinalis</i> *	Garden Peony	Riverbank, escape from cultivation

Species	Vernacular name	Notes
<i>Parietaria judaica</i>	Pellitory-of-the-wall	Rare on walls around St Fagans Castle
<i>Pentaglottis sempervirens</i> *	Alkanet	Rare, bank by east drive, occasional elsewhere
<i>Persicaria maculosa</i>	Redshank	Rare on dumped soil
<i>Petasites fragrans</i> *	Winter Heliotrope	Bank by east drive
<i>Phleum pratense</i>	Timothy	Rare in grassland in western meadow
<i>Phyllitis scolopendrium</i>	Hart's-tongue Fern	Locally abundant in woodlands and on hedgebanks
<i>Picris echioides</i>	Bristly Ox-tongue	Rare by main drive
<i>Pilosella officinarum</i>	Mouse-ear Hawkweed	Bank below Castle
<i>Plantago lanceolata</i>	Ribwort Plantain	Scattered on grassy edges
<i>Plantago major</i>	Greater Plantain	Scattered through site, locally frequent on 'concrete mesh' car park
<i>Poa annua</i>	Annual meadowgrass	Frequent in grassland and as a weed
<i>Poa nemoralis</i>	Wood Meadow-grass	Rare on banks near ponds
<i>Poa pratensis</i>	Meadow-grass	Bank outside Capel Pen-rhiw
<i>Poa trivialis</i>	Rough-stalked Meadow-grass	Frequent
<i>Polygonum aviculare</i>	Knotweed	Rare on storage area near control room
<i>Polypodium cambricum</i>	Southern Polypody	Rare on old wall and on rocks by stream, wall by castle entrance, logs in Garden's House
<i>Polystichum setiferum</i>	Soft Shield-fern	Occasional in woodland and by river
<i>Potamogeton trichoides</i>	Swimming Pool	A rare species seen in the swimming pool in 1999-2000, gone in 2008
<i>Potentilla reptans</i>	Creeping Cinquefoil	Occasional in grassland
<i>Potentilla sterilis</i>	Barren Strawberry	Occasional on banks
<i>Primula vulgaris</i>	Primrose	Locally frequent on banks and in woods
<i>Prunella vulgaris</i>	Self-heal	Frequent in grassland
<i>Prunus avium</i>	Cherry	Rare in woodland west of Celtic Village
<i>Prunus domestica</i> *	Plum	Rare in hedge
<i>Prunus laurocerasus</i> *	Cherry Laurel	Rare in woodland
<i>Prunus padus</i>	Bird Cherry	Planted near control room and at entrance from dual carriageway
<i>Prunus spinosa</i>	Blackthorn	Planted at bypass entrance
<i>Pteridium aquilinum</i>	Bracken	Rare near Italian Garden
<i>Quercus cerris</i> *	Turkey Oak	Occasional saplings and trees
<i>Quercus robur</i>	Pedunculate Oak	Dominant in woodland in northern part of site, rarer elsewhere
<i>Quercus rubra</i> *	Red Oak	Planted in woodland
<i>Ranunculus acris</i>	Meadow Buttercup	Rare in grassland
<i>Ranunculus auricomus</i>	Goldilocks	Base of tree near lowest pond
<i>Ranunculus ficaria</i> subsp. <i>bulbifera</i>	Lesser Celandine	Locally abundant, woodland
<i>Ranunculus ficaria</i> subsp. <i>ficaria</i>	Lesser Celandine	Locally frequent on banks, in grass etc.

Species	Vernacular name	Notes
<i>Ranunculus repens</i>	Creeping Buttercup	Occasional in grassland and on hedgebanks
<i>Rhododendron ponticum</i> *	Rhododendron	Rare near St Teilo's Church
<i>Ribes nigrum</i> *	Blackcurrant	Woodland behind Celtic Village
<i>Ribes rubrum</i> *	Redcurrant	Occasional riverbank and in woods
<i>Rosa arvensis</i>	Field Rose	Behind Celtic Village
<i>Rosa canina</i>	Dog Rose	Main drive
<i>Rubus fruticosus</i>	Bramble	Frequent in woodland, occasional elsewhere. Microspecies not investigated
<i>Rubus idaeus</i>	Raspberry	Woodland
<i>Rumex acetosa</i>	Sorrel	Rare in grassland
<i>Rumex crispus</i>	Curled Dock	Occasional
<i>Rumex obtusifolius</i>	Broad-leaved Dock	Occasional weed
<i>Rumex sanguineus</i>	Wood Dock	Rare on hedgebank
<i>Sagina procumbens</i>	Pearlwort	Edges of tracks, etc
<i>Salix caprea</i>	Goat Willow	Rare in woodland
<i>Salix cinerea</i>	Grey-leaved Willow	Rare by river
<i>Salix fragilis</i>	Crack Willow	Rare by pond, and in woodland and hedges
<i>Salix viminalis</i> *	Osier	Rare, planted by control room
<i>Sambucus nigra</i>	Elder	Occasional
<i>Scrophularia auriculata</i>	Water Figwort	Rare in western meadow, stream near swimming pool
<i>Scrophularia nodosa</i>	Figwort	Bank on north side of church
<i>Senecio erucifolius</i>	Hoary Ragwort	Rare by main drive
<i>Senecio jacobaea</i>	Ragwort	Occasional in grassland
<i>Senecio vulgaris</i>	Groundsel	Frequent weed in flower beds
<i>Silene dioica</i>	Red Campion	Rare in woodland
<i>Solanum dulcamara</i>	Woody Nightshade	Rare in Garden's House
<i>Soleirolia soleirolii</i> *	Mind-your-own-business	Drainage outlet by control room pond, alls by Llwyn yr Eos Farmstead
<i>Sonchus asper</i>	Prickly Sowthistle	Rare weed
<i>Sonchus oleraceus</i>	Common Sowthistle	Rare weed
<i>Spirodela polyrhiza</i>	Greater Duckweed	Dominant in water tank by Tannery
<i>Stachys sylvatica</i>	Hedge Woundwort	Occasional, by pond by control room, woodland rides etc.
<i>Stellaria media</i>	Chickweed	Gardens House, greenhouse
<i>Tanacetum parthenium</i> *	Feverfew	Lane at Llainfadyn Cottage
<i>Taraxacum boeckmanii</i>	Dandelion	Weed St Fagans Castle
<i>Taraxacum brittanicum</i>	Dandelion	Occasional in grassland
<i>Taraxacum cf. sinuatum</i>	Dandelion	Gardens House
<i>Taraxacum densilobum</i>	Dandelion	Grass near Abernodwydd Farmhouse
<i>Taraxacum lamprophyllum</i>	Dandelion	Grass by main entrance
<i>Taraxacum multicolorans</i> (269)	Dandelion	Gardens House
<i>Taraxacum nigridentatum</i> (check)	Dandelion	Hedge near control room
<i>Taraxacum nordstedtii</i>	Dandelion	Rare on wall
<i>Taraxacum prionorum</i>	Dandelion	Grass near Abernodwydd Farmhouse
<i>Taraxacum</i> spp.	Dandelion	Frequent in grassland and hedge banks. Some microspecies only



Species	Vernacular name	Notes
<i>Taxus baccata</i>	Yew	investigated
<i>Tilia platyphyllus</i> *	Large-leaved Lime	Rare in woodland, widely planted
		Rare (presumably planted) in woodland west of Celtic Village.
<i>Tilia x vulgaris</i> *	Common Lime	Tree half-blown over prior to 2008
		Occasionally planted, not naturalized
<i>Torilis japonica</i>	Upright Hedge-parsley	Rare by main drive
<i>Trifolium dubium</i>	Lesser Hop-trefoil	Rare on wall
<i>Trifolium pratense</i>	Red Clover	Rare on bank near Castle
<i>Trifolium repens</i>	White Clover	Frequent in grassland
<i>Ulmus glabra</i>	Wych Elm	Occasional in western woodlands
<i>Ulmus procera</i>	English Elm	Rare in woodland below Italian Garden
<i>Umbilicus rupestris</i>	Navelwort	Old wall above ponds
<i>Urtica dioica</i>	Nettle	Locally frequent in woodland, rare elsewhere
<i>Valerianella locusta</i>	Corn Salad	Frequent in spring in flower beds and rarely on wall at St Fagans Castle grounds
<i>Veronica arvensis</i>	Field Speedwell	Rare on wall
<i>Veronica beccabunga</i>	Brooklime	Pond below swimming pool
<i>Veronica chamaedrys</i>	Germander Speedwell	Occasional
<i>Veronica filiformis</i> *	Slender Speedwell	Occasional in grassland
<i>Veronica hederifolia</i> subsp. <i>hederifolia</i>	Ivy-leaved Speedwell	Frequent spring weed in flower beds
<i>Veronica hederifolia</i> subsp. <i>lucorum</i>	Ivy-leaved Speedwell	Frequent weed in woodland
<i>Veronica montana</i>	Wood Speedwell	Rare in western woodland
<i>Veronica persica</i> *	Persian Speedwell	Rare weed
<i>Veronica polita</i>	Blue Speedwell	Rare weed in castle grounds
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell	Occasional on walls, banks and in grassland
<i>Viburnum opulus</i> *	Guelder Rose	Planted at bypass entrance to main drive, hedge near control room
<i>Vicia segetalis</i>	Common Vetch	Rare by main drive
<i>Vicia sepium</i>	Bush Vetch	Occasional
<i>Viola odorata</i>	Sweet Violet	Ditch side near control room
<i>Viola reichenbachiana</i>	Early Wood-violet	Hedgebank
<i>Viola riviniana</i>	Common Dog-violet	Occasional

The following additional species were noted by G. Hutchinson in 2007 and 2008 (Table 2):

TABLE 2. VASCULAR PLANTS RECORDED AT ST FAGANS, G. HUTCHINSON 2007 AND 2008.

Alien species not native in the British Isles are marked with an asterisk \*.

Species	Vernacular name	Notes
* <i>Alchemilla mollis</i>	Garden Lady's-mantle	Driveway to St Teilo's Church
<i>Epilobium tetragonum</i>	Square-stalked willowherb	
<i>Festuca gigantea</i>	Giant Fescue	
<i>Hieracium</i> cf. <i>exoticum</i>	Hawkweed	Wall top opposite Stryd Lyden Barn; voucher NMW
* <i>Juncus tenuis</i>	Slender Rush	
<i>Potentilla anglica</i>	Trailing Tormentil	Near Celtic Village
<i>Quercus petraea</i>	Sessile Oak	Edge of field
<i>Raphanus raphanistrum</i>	Wild Radish	
<i>Teucrium scorodonia</i>	Wood Sage	
* <i>Triticum aestivum</i>	Bread Wheat	Voucher NMW

In addition, Julian Woodman noted *Anthemis arvensis* in the yard of Llwyn yr eos a couple of years ago.

## Discussion

At least 257 species have been recorded in 2008-2009, of which 44 were not native to the British Isles. Most of the plants are common and widespread and of little interest, but four are worthy of note:

*Groenlandia densa* is a declining aquatic plant which has one of its very few remaining Welsh sites in the ornamental ponds.



*Polypodium cambricum* is a locally distributed fern rare on walls, rocks and boulders.



*Orobanche hederæ* is an uncommon herb parasitic on ivy.



*Aconitum napellus* is regarded as locally native in SW England and S Wales, and occurs on both the river bank in a semi-natural habitat and in the woodland.

It is likely that perhaps 50 more species will be recorded when further surveys are carried out in 2010, and fuller surveys of *Taraxacum* and *Rubus* are required. Based on the incomplete documentation of specimens in the Welsh National Herbarium, six additional species have been recorded from the museum site in the past (Appendix 1), but have not yet been refound.

Appendix 1. Material from National History Museum held in Welsh National herbarium (NMW). The NMW accession number is given first.

- V.2007.002.275, *Acer platanoides*, National History Museum, St. Fagans, ST/114.771, 2007, May 26, Hutchinson, G.
- V.1998.036.003, *Callitriche platycarpa*, National History Museum, St. Fagans, ST/119.772, 1998, Aug 03, Alder, J., Rich, Matthew
- V.2007.002.189, 190 and 192 *Carex divulsa* ssp. *divulsa*, National History Museum, St. Fagans, ST/113.771, 2007, Jun 23, Hutchinson, G.
- V.2007.002.268, *Carex divulsa* ssp. *divulsa*, National History Museum, St. Fagans, ST/113.771, 2007, May 26, Hutchinson, G.
- V.2007.002.155 and 156, *Carex remota*, National History Museum, St. Fagans, ST/113.771, 2007, Jun 23, Hutchinson, G.
- V.2007.002.274, *Carex remota* National History Museum, St. Fagans, ST/113.771, 2007, May 26, Hutchinson, G.
- V.2007.002.191, *Carex sylvatica*, National History Museum, St. Fagans, ST/113.771, 2007, Jun 23, Hutchinson, G.
- V.2007.002.272, *Carpinus betulus* National History Museum, St. Fagans, ST/115.771, 2007, May 26, Hutchinson, G.
- 49.29.620, *Claytonia sibirica* Original identification, St. Fagans Castle, 1938, Jun, Vachell, E., Wilkinson
- 49.29.187, *Erophila verna*, St. Fagans Castle, 1938, May, Vachell, E.
- 49.29.1339, *Erysimum cheiri*, St. Fagans Castle, 1943, May, Vachell, E., Charteris, G.
- V.2007.002.270, *Fagus sylvatica* forma *purpurea*, National History Museum, St. Fagans, ST/113.771, 2007, May 26, Hutchinson, G.
- 67.278.18, *Pilosella officinarum* subsp. *trichosoma*, St. Fagans Castle, ST/11.77, 1967, May 18, Harrison, S.G.
- V.2007.002.271, *Polypodium cambricum*, National History Museum, St. Fagans, ST/118.772, 2007, May 26, Hutchinson, G.
- V.2007.002.269, *Polystichum setiferum*, National History Museum, St. Fagans, ST/113.771, 2007, May 26, Hutchinson, G.
- V.1998.036.005, *Potamogeton pectinatus*, National History Museum, St. Fagans, ST119772, 1998, Aug 03, Alder, J., Rich, Matthew
- V.1998.036.00 and 0382, *Potamogeton trichoides*, National History Museum, St. Fagans, ST119772, 1998, Aug 03, Alder, J., Rich, Matthew
- V.2007.002.273, *Triticum aestivum* L., National History Museum, St. Fagans, ST/113.771, 2007, May 26, Hutchinson, G.