



## Mary Gillham Archive Project.

# Walking in the footsteps of Mary Gillham

*A Dedicated Naturalist: The Dr Mary Gillham Archive Project* is a Heritage Lottery Funded project to celebrate the life and works of ecologist Dr Mary Gillham.

Dr Mary Gillham (MBE) spent a huge amount of time exploring South Wales and recording all of the species she found, sometimes for personal interest, sometimes whilst educating extra mural students and sometimes to record what species and habitats were present to provide evidence for protecting an area.

In this series of 'Walks with Mary Gillham' we provide you with details of surveys Mary (and her colleagues) undertook, the species she recorded, and encourage you to visit sites and record what you can see. We would love to get an up-to-date species list so we can compare the two – will you find as much as Mary? Has the species composition changed drastically? Can you add new species to the list?

## Walk three: Pwll Waun Cynon Wildlife Trust Nature Reserve, Mountain Ash

**Main entrance:** ST035998 **Site centre:** ST034997

This reserve is situated in an area that was previously known as one of the most polluted parts of the UK partly as a result of the adjacent Phurnacite plant. The plant closed in the late 1980s and Lord Aberdare generously gave the reserve to the Wildlife Trust of South and West Wales (WTSWW) in November 1986.

There are a selection of habitats including a large pond, marsh, flood meadow, acidic Oak and Ash woodland and scrub. Several uncommon plants are present including Fat Duckweed, Water Chickweed, Marsh Yellow-cress, Great Pond Sedge and Common Club-rush, and the site provides habitat for aquatic insects, including dragonflies such as the Common Blue Damselfly and Southern Hawker.

Also, as a consequence of the industrial environment many melanistic (dark-coloured) variants of invertebrate species such as spittlebugs and peppered moths have been recorded from the reserve – keep a look out for them!

The attached records were made by Mary and Alex Coxhead, Bernard Curtis, Nigel Ajax-Lewis, Diana Phillips, Geoffrey Raum, Joan Raum, Ceri Williams – how many will you find?

**Submit your records** at [www.sewbrec.org.uk/Mary\\_Gillham](http://www.sewbrec.org.uk/Mary_Gillham) or send them in a spreadsheet to [dedicated.naturalist@sewbrec.org.uk](mailto:dedicated.naturalist@sewbrec.org.uk). You can download a template spreadsheet from the Walks with Mary Gillham page on the SEWBReC website: [www.sewbrec.org.uk/a-dedicated-naturalist/walks-with-mary.page](http://www.sewbrec.org.uk/a-dedicated-naturalist/walks-with-mary.page).

### Notes about Walks with Mary Gillham:

- Please take a common sense approach to recording at these sites. We do not advocate any form of trespassing, and please do not take any risks with regards to your own health and safety.
- All records are welcome, even the most common of species!
- For a record to be useful, we need the following information: recorder's name; date recorded; location name; grid reference (ideally 6 figures or more); species name. Please feel free to include extra information or photos.

Many thanks to **WTSWW** for helping in the organisation and delivery of this walk, find out more about the reserve at: <http://www.welshwildlife.org/nature-reserve/pwll-waun-cynon-mountain-ash/>

Find out more or tell us what you think at [facebook.com/MaryGillhamArchive](https://www.facebook.com/MaryGillhamArchive) or [twitter.com/GillhamArchives](https://twitter.com/GillhamArchives)



## Pwll Waun Cynon (and nearby) species list

Taxon Group	Preferred Name	Common name	Date of record	Location Name	2016?
amphibian	Rana temporaria	frogspawn	21/03/1987	Abercwmboi Pond Reserve	
amphibian	Rana temporaria	Common Frog	08/04/1991	Pwll Waun Cynon Nature Reserve	
annelid	Haemopsis sanguisuga	horse leech	25/08/1988	Pwll Waun Cynon Nature Reserve	
bird	Accipiter nisus	Sparrowhawk	1992	Pwll Waun Cynon Nature Reserve	
bird	Actitis hypoleucos	Common Sandpiper	1992	Pwll Waun Cynon Nature Reserve	
bird	Aegithalos caudatus	Long-tailed Tit	08/04/1991	Pwll Waun Cynon Nature Reserve	
bird	Alcedo atthis	Kingfisher	1992	Pwll Waun Cynon Nature Reserve	
bird	Alcedo atthis	Kingfisher	21/03/1987	Abercwmboi Pond Reserve	
bird	Anas platyrhynchos	Mallard	25/08/1988	Pwll Waun Cynon Nature Reserve	
bird	Anas platyrhynchos	Mallard	08/04/1991	Pwll Waun Cynon Nature Reserve	
bird	Ardea cinerea	Grey Heron	1992	Pwll Waun Cynon Nature Reserve	
bird	Ardea cinerea	Grey Heron	21/03/1987	Abercwmboi Pond Reserve	
bird	Ardea cinerea	Grey Heron	08/04/1991	Pwll Waun Cynon Nature Reserve	
bird	Carduelis carduelis	Goldfinch	08/04/1991	Pwll Waun Cynon Nature Reserve	
bird	Columba palumbus	Woodpigeon	08/04/1991	Pwll Waun Cynon Nature Reserve	
bird	Dendrocopos major	Great Spotted Woodpecker	28/09/1984	Carr woodland, Fernhill	
bird	Dendrocopos minor	Lesser Spotted Woodpecker	28/09/1984	Carr woodland, Fernhill	
bird	Gallinula chloropus	Moorhen	1992	Pwll Waun Cynon Nature Reserve	
bird	Gallinula chloropus	Moorhen	15/09/1987	Pwll Waun Cynon	
bird	Gallinula chloropus	Moorhen	25/08/1988	Pwll Waun Cynon Nature Reserve	
bird	Gallinula chloropus	Moorhen	08/04/1991	Pwll Waun Cynon Nature Reserve	
bird	Garrulus glandarius	Jay	15/09/1987	Pwll Waun Cynon	
bird	Motacilla cinerea	Grey Wagtail	1992	Pwll Waun Cynon Nature Reserve	
bird	Phylloscopus collybita	Chiff chaff	21/03/1987	Abercwmboi Pond Reserve	
bird	Phylloscopus trochilus	Willow Warbler	21/05/1993	Pwll Waun Cynon Nature Reserve	
bird	Pica pica	Magpie	08/04/1991	Pwll Waun Cynon Nature Reserve	
bird	Picus viridis	Green Woodpecker	28/09/1984	Carr woodland, Fernhill	
bird	Picus viridis	Green Woodpecker	21/03/1987	Abercwmboi Pond Reserve	
bird	Picus viridis	Green Woodpecker	08/04/1991	Pwll Waun Cynon Nature Reserve	
bird	Riparia riparia	Sand Martin	21/05/1993	Pwll Waun Cynon Nature Reserve	
bird	Riparia riparia	Sand Martin	1992	Pwll Waun Cynon Nature Reserve	
bird	Sylvia atricapilla	Blackcap	21/05/1993	Pwll Waun Cynon Nature Reserve	

Taxon Group	Preferred Name	Common name	Date of record	Location Name	2016?
bird	Tachybaptus ruficollis	Little Grebe	1992	Pwll Waun Cynon Nature Reserve	
bird	Tachybaptus ruficollis	Little Grebe	01/02/1991	Pwll Waun Cynon Nature Reserve	
bird	Troglodytes troglodytes	Wren	21/05/1993	Pwll Waun Cynon Nature Reserve	
bird	Turdus iliacus	Redwing	08/04/1991	Pwll Waun Cynon Nature Reserve	
bird	Turdus philomelos	Song Thrush	21/05/1993	Pwll Waun Cynon Nature Reserve	
bird	Turdus pilaris	Fieldfare	08/04/1991	Pwll Waun Cynon Nature Reserve	
bird	Turdus viscivorus	Mistle Thrush	21/03/1987	Abercwmboid Pond Reserve	
bony fish	Salmo trutta subsp. fario	Brown Trout	21/05/1993	Pwll Waun Cynon Nature Reserve	
crustacean	Daphnia	water fleas	25/08/1988	Pwll Waun Cynon Nature Reserve	
fern	Dryopteris dilatata	Broad Buckler-fern	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Acer campestre	Field Maple	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Acer pseudoplatanus	Sycamore	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Achillea millefolium	Yarrow	28/09/1984	Watermeadow, Fernhill	
flowering plant	Achillea millefolium	Yarrow	15/09/1987	Pwll Waun Cynon	
flowering plant	Achillea millefolium	Yarrow	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Aegopodium podagraria	Ground-elder	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Agrimonia procera	Fragrant Agrimony	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Agrostis	Bent Grass	28/09/1984	Watermeadow, Fernhill	
flowering plant	Alisma	Water-Plantain	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Alisma plantago-aquatica	Water-plantain	28/09/1984	Roadside pool, Fernhill	
flowering plant	Alisma plantago-aquatica	Water-plantain	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Allium vineale	Wild Onion	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Alnus		25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Alnus glutinosa	Alder	28/09/1984	Roadside pool, Fernhill	
flowering plant	Alnus glutinosa	Alder	28/09/1984	Carr woodland, Fernhill	
flowering plant	Alnus glutinosa	Alder	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Alopecurus geniculatus	Marsh Foxtail	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Angelica	Angelica	15/09/1987	Pwll Waun Cynon	
flowering plant	Angelica sylvestris	Wild Angelica	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Angelica sylvestris	Wild Angelica	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Angelica sylvestris	Wild Angelica	28/09/1984	Railside, Fernhill	
flowering plant	Anthriscus sylvestris	Cow Parsley	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Arrhenatherum elatius	False Oat-grass	28/09/1984	Watermeadow, Fernhill	
flowering plant	Arrhenatherum elatius	False Oat-grass	15/09/1987	Pwll Waun Cynon	

Walks with Mary Gillham 3: Pwll Waun Cynon Nature Reserve. Find out more at [www.facebook.com/MaryGillhamArchive](http://www.facebook.com/MaryGillhamArchive) or on Twitter @GillhamArchives.

Taxon Group	Preferred Name	Common name	Date of record	Location Name	2016?
flowering plant	<i>Arrhenatherum elatius</i>	False Oat-grass	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Arrhenatherum elatius</i>	False Oat-grass	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Aster</i>	Michaelmas-Daisy	15/09/1987	Pwll Waun Cynon	
flowering plant	<i>Aster amellus</i>	European Michaelmas-daisy	28/09/1984	Railside, Fernhill	
flowering plant	<i>Aster amellus</i>	European Michaelmas-daisy	10/04/1992	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Aster novi-belgii</i> x <i>lanceolatus</i> = <i>A. x salignus</i>	Common Michaelmas-daisy	15/09/1987	Pwll Waun Cynon	
flowering plant	<i>Aster sedifolius</i>	Michaelmas-Daisy	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Aster sedifolius</i>	Michaelmas-Daisy	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Bellis perennis</i>	Daisy	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Betula</i>	Birch	28/09/1984	Carr woodland, Fernhill	
flowering plant	<i>Betula pubescens</i>	Downy Birch	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Bidens</i>		25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Bidens tripartita</i>	Trifid Bur-marigold	15/09/1987	Pwll Waun Cynon	
flowering plant	<i>Bidens tripartita</i>	Trifid Bur-marigold	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Bidens tripartita</i>	Trifid Bur-marigold	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Callitriche stagnalis</i>	Common Water-starwort	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Capsella bursa-pastoris</i>	Shepherd's-purse	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Cardamine hirsuta</i>	Hairy Bitter-cress	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Cardamine pratensis</i>	Cuckooflower	21/05/1993	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Cardamine pratensis</i>	Cuckooflower	10/04/1992	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Cardamine pratensis</i>	Cuckooflower	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Carex remota</i>	Remote sedge	28/09/1984	Roadside pool, Fernhill	
flowering plant	<i>Carex remota</i>	Remote Sedge	15/09/1987	Pwll Waun Cynon	
flowering plant	<i>Carex remota</i>	Remote Sedge	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Carex riparia</i>	Greater Pond-sedge	15/09/1987	Pwll Waun Cynon	
flowering plant	<i>Carex riparia</i>	Greater Pond-sedge	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Carpinus betulus</i>	Hornbeam	1984	Cynon Valley Nr Phurnacite Works	
flowering plant	<i>Carpinus betulus</i>	Hornbeam	28/09/1984	Roadside pool, Fernhill	
flowering plant	<i>Carpinus betulus</i>	Hornbeam	28/09/1984	Carr woodland, Fernhill	
flowering plant	<i>Centaurea nigra</i>	Common Knapweed	28/09/1984	Watermeadow, Fernhill	
flowering plant	<i>Centaurea nigra</i>	Common Knapweed	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Cerastium glomeratum</i>	Sticky Mouse-ear	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Chamerion angustifolium</i>	Rosebay Willowherb	28/09/1984	Roadside pool, Fernhill	
flowering plant	<i>Chamerion angustifolium</i>	Rosebay Willowherb	15/09/1987	Pwll Waun Cynon	

Taxon Group	Preferred Name	Common name	Date of record	Location Name	2016?
flowering plant	<i>Chamerion angustifolium</i>	Rosebay Willowherb	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Chamerion angustifolium</i>	Rosebay Willowherb	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Cirsium arvense</i>	Creeping Thistle	15/09/1987	Pwll Waun Cynon	
flowering plant	<i>Cirsium arvense</i>	Creeping Thistle	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Conium maculatum</i>	Hemlock	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Convolvulus arvensis</i>	Field Bindweed	15/09/1987	Pwll Waun Cynon	
flowering plant	<i>Convolvulus arvensis</i>	Field Bindweed	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Corylus avellana</i>	Hazel	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Crataegus monogyna</i>	Hawthorn	28/09/1984	Watermeadow, Fernhill	
flowering plant	<i>Crataegus monogyna</i>	Hawthorn	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Crataegus monogyna</i>	Hawthorn	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Dactylis glomerata</i>	Cock's-foot	10/04/1992	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Dactylis glomerata</i>	Cock's-foot	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Dactylis glomerata</i>	Cock's-foot	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Deschampsia cespitosa</i>	Tufted Hair-Grass	15/09/1987	Pwll Waun Cynon	
flowering plant	<i>Deschampsia cespitosa</i>	Tufted Hair-Grass	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Deschampsia cespitosa</i>	Tufted Hair-Grass	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Eleocharis palustris</i>	Common Spike-rush	21/05/1993	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Eleocharis palustris</i>	Common Spike-rush	15/09/1987	Pwll Waun Cynon	
flowering plant	<i>Eleocharis palustris</i>	Common Spike-rush	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Eleocharis palustris</i>	Common Spike-rush	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Epilobium hirsutum</i>	Great Willowherb	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Epilobium montanum</i>	Broad-leaved Willowherb	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Fagus sylvatica</i>	Beech	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Fallopia japonica</i>	Japanese Knotweed	21/05/1993	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Fallopia japonica</i>	Japanese knotweed	1984	Cynon Valley Nr Phurnacite Works	
flowering plant	<i>Fallopia japonica</i>	Japanese knotweed	28/09/1984	Roadside pool, Fernhill	
flowering plant	<i>Fallopia japonica</i>	Japanese Knotweed	28/09/1984	Railside, Fernhill	
flowering plant	<i>Fallopia japonica</i>	Japanese Knotweed	1992	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Fallopia japonica</i>	Japanese Knotweed	15/09/1987	Pwll Waun Cynon	
flowering plant	<i>Fallopia japonica</i>	Japanese Knotweed	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Festuca ovina</i> agg.	Sheep's Fescue agg.	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Filipendula ulmaria</i>	Meadowsweet	28/09/1984	Roadside pool, Fernhill	
flowering plant	<i>Filipendula ulmaria</i>	Meadowsweet	10/04/1992	Pwll Waun Cynon Nature Reserve	

Taxon Group	Preferred Name	Common name	Date of record	Location Name	2016?
flowering plant	Filipendula ulmaria	Meadowsweet	15/09/1987	Pwll Waun Cynon	
flowering plant	Filipendula ulmaria	Meadowsweet	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Filipendula ulmaria	Meadowsweet	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Fraxinus excelsior	Ash	21/05/1993	Pwll Waun Cynon Nature Reserve	
flowering plant	Fraxinus excelsior	Ash	28/09/1984	Roadside pool, Fernhill	
flowering plant	Fraxinus excelsior	Ash	28/09/1984	Carr woodland, Fernhill	
flowering plant	Fraxinus excelsior	Ash	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Galeopsis tetrahit	Common Hemp-nettle	28/09/1984	Railside, Fernhill	
flowering plant	Galeopsis tetrahit	Common Hemp-nettle	28/09/1984	Watermeadow, Fernhill	
flowering plant	Galeopsis tetrahit	Common Hemp-nettle	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Galeopsis tetrahit	Common Hemp-nettle	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Galium aparine	Cleavers	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Galium aparine	Cleavers	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Galium palustre	Marsh-bedstraw	15/09/1987	Pwll Waun Cynon	
flowering plant	Galium palustre	Marsh-bedstraw	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Galium palustre	Marsh-bedstraw	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Geranium dissectum	Cut-leaved Crane's-bill	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Glyceria	Sweet-Grass	15/09/1987	Pwll Waun Cynon	
flowering plant	Glyceria fluitans	Floating Sweet-grass	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Gnaphalium uliginosum	Marsh Cudweed	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Gnaphalium uliginosum	Marsh Cudweed	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Hedera helix	Ivy	28/09/1984	Carr woodland, Fernhill	
flowering plant	Hedera helix	Ivy	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Heracleum sphondylium	Hogweed	15/09/1987	Pwll Waun Cynon	
flowering plant	Heracleum sphondylium	Hogweed	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Heracleum sphondylium	Hogweed	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Hesperis matronalis	Dame's-violet	21/05/1993	Pwll Waun Cynon Nature Reserve	
flowering plant	Holcus lanatus	Yorkshire-fog	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Hordeum murinum subsp. leporinum	Wall Barley	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Hordeum secalinum	Meadow Barley	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Hyacinthoides non-scripta	Bluebell	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Hypericum perforatum	Perforate St John's-wort	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Hypericum perforatum	Perforate St John's-wort	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Hypericum tetrapterum	Square-stalked St John's-wort	25/08/1988	Pwll Waun Cynon Nature Reserve	

Taxon Group	Preferred Name	Common name	Date of record	Location Name	2016?
flowering plant	Hypericum tetrapterum	Square-stalked St John's-wort	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Hypochaeris radicata	Cat's-ear	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Ilex aquifolium	Holly	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Impatiens		28/09/1984	Carr woodland, Fernhill	
flowering plant	Impatiens balsamina	Balsam	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Impatiens glandulifera	Indian Balsam	28/09/1984	Roadside pool, Fernhill	
flowering plant	Impatiens glandulifera	Indian Balsam	28/09/1984	Railside, Fernhill	
flowering plant	Impatiens glandulifera	Indian Balsam	15/09/1987	Pwll Waun Cynon	
flowering plant	Impatiens glandulifera	Indian Balsam	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Iris pseudacorus	Yellow iris	28/09/1984	Roadside pool, Fernhill	
flowering plant	Iris pseudacorus	Yellow Iris	28/09/1984	Roadside pool, Fernhill	
flowering plant	Iris pseudacorus	Yellow Iris	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Juncus effusus	Soft-rush	28/09/1984	Railside, Fernhill	
flowering plant	Juncus effusus	Soft-rush	15/09/1987	Pwll Waun Cynon	
flowering plant	Juncus effusus	Soft-rush	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Juncus inflexus	Hard Rush	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Lathyrus pratensis	Meadow Vetchling	28/09/1984	Watermeadow, Fernhill	
flowering plant	Lathyrus pratensis	Meadow Vetchling	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Lemna		21/05/1993	Pwll Waun Cynon Nature Reserve	
flowering plant	Lemna gibba	Fat Duckweed	1984	Cynon Valley Nr Phurnacite Works	
flowering plant	Lemna gibba	Fat Duckweed	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Lemna gibba	Fat Duckweed	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Lemna minor	Common Duckweed	28/09/1984	Railside, Fernhill	
flowering plant	Lemna minor	Common Duckweed	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Leontodon saxatilis	Lesser Hawkbit	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Ligustrum ovalifolium	Garden Privet	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Linaria vulgaris	Common Toadflax	28/09/1984	Railside, Fernhill	
flowering plant	Linaria vulgaris	Common Toadflax	28/09/1984	Watermeadow, Fernhill	
flowering plant	Linaria vulgaris	Common Toadflax	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Linaria vulgaris	Common Toadflax	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Lolium perenne	Perennial Rye-grass	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Lotus corniculatus	Common Bird's-foot-trefoil	15/09/1987	Pwll Waun Cynon	
flowering plant	Lotus corniculatus	Common Bird's-foot-trefoil	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Lotus corniculatus	Common Bird's-foot-trefoil	08/04/1991	Pwll Waun Cynon reserve	

Walks with Mary Gillham 3: Pwll Waun Cynon Nature Reserve. Find out more at [www.facebook.com/MaryGillhamArchive](https://www.facebook.com/MaryGillhamArchive) or on Twitter @GillhamArchives.

Taxon Group	Preferred Name	Common name	Date of record	Location Name	2016?
flowering plant	<i>Lotus pedunculatus</i>	Greater Bird's-foot-trefoil	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Lycopus</i>	Lycopus	15/09/1987	Pwll Waun Cynon	
flowering plant	<i>Lycopus europaeus</i>	Gypsywort	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Lycopus europaeus</i>	Gypsywort	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Lysimachia nummularia</i>	Creeping-Jenny	28/09/1984	Railside, Fernhill	
flowering plant	<i>Lysimachia punctata</i>	Dotted Loosestrife	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Malus</i>	Apple	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Malus pumila</i>	Apple	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Mentha aquatica</i>	Water Mint	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Mentha aquatica</i>	Water Mint	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Myosotis</i>	Forget-Me-Not	15/09/1987	Pwll Waun Cynon	
flowering plant	<i>Myosotis laxa</i> subsp. <i>caespitosa</i>	<i>Myosotis laxa</i> subsp. <i>caespitosa</i>	15/09/1987	Pwll Waun Cynon	
flowering plant	<i>Myosotis laxa</i> subsp. <i>caespitosa</i>	<i>Myosotis laxa</i> subsp. <i>caespitosa</i>	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Myosotis scorpioides</i>	Water Forget-me-not	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Myosoton aquaticum</i>	Water Chickweed	15/09/1987	Pwll Waun Cynon	
flowering plant	<i>Myosoton aquaticum</i>	Water Chickweed	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Odontites vernus</i>	Red Bartsia	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Odontites vernus</i>	Red Bartsia	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Oenanthe</i>	Water-Dropwort	28/09/1984	Railside, Fernhill	
flowering plant	<i>Oenanthe crocata</i>	Hemlock Water-dropwort	28/09/1984	Roadside pool, Fernhill	
flowering plant	<i>Oenanthe crocata</i>	Hemlock Water-dropwort	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Oenanthe crocata</i>	Hemlock Water-dropwort	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Orobanche elatior</i>	Knapweed Broomrape	15/09/1987	Pwll Waun Cynon	
flowering plant	<i>Persicaria amphibia</i>	Amphibious Bistort	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Persicaria hydropiper</i>	Water-pepper	15/09/1987	Pwll Waun Cynon	
flowering plant	<i>Persicaria hydropiper</i>	Water-pepper	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Persicaria hydropiper</i>	Water-pepper	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Petasites hybridus</i>	Butterbur	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Phalaris</i>	Phalaris	15/09/1987	Pwll Waun Cynon	
flowering plant	<i>Phalaris</i>	Phalaris	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Phalaris arundinacea</i>	Reed Canary-grass	28/09/1984	Railside, Fernhill	
flowering plant	<i>Phalaris arundinacea</i>	Reed Canary-grass	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Pilosella officinarum</i>	Mouse-ear-hawkweed	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Pilosella officinarum</i>	Mouse-ear-hawkweed	08/04/1991	Pwll Waun Cynon reserve	



Taxon Group	Preferred Name	Common name	Date of record	Location Name	2016?
flowering plant	<i>Pimpinella major</i>	Greater Burnet-saxifrage	21/05/1993	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Pimpinella major</i>	Greater Burnet-saxifrage	1984	Cynon Valley Nr Phurnacite Works	
flowering plant	<i>Plantago lanceolata</i>	Ribwort Plantain	28/09/1984	Watermeadow, Fernhill	
flowering plant	<i>Plantago lanceolata</i>	Ribwort Plantain	15/09/1987	Pwll Waun Cynon	
flowering plant	<i>Plantago lanceolata</i>	Ribwort Plantain	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Poa annua</i>	Annual Meadow-grass	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Poa pratensis</i>	Smooth Meadow-grass	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Populus alba</i>	White Poplar	21/03/1987	Abercwmboid Pond Reserve	
flowering plant	<i>Populus nigra</i>	Black-poplar	21/03/1987	Abercwmboid Pond Reserve	
flowering plant	<i>Potentilla anserina</i>	Silverweed	15/09/1987	Pwll Waun Cynon	
flowering plant	<i>Potentilla anserina</i>	Silverweed	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Potentilla sterilis</i>	Barren Strawberry	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Prunella vulgaris</i>	Selfheal	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Prunus avium</i>	Wild Cherry	1994	Cynon Valley Nr Phurnacite Works	
flowering plant	<i>Prunus avium</i>	Wild Cherry	28/09/1984	Carr woodland, Fernhill	
flowering plant	<i>Prunus cerasus</i>	Dwarf Cherry	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Prunus spinosa</i>	Blackthorn	1992	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Prunus spinosa</i>	Blackthorn	28/09/1984	Carr woodland, Fernhill	
flowering plant	<i>Quercus</i>	Oak	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Quercus petraea</i>	Sessile Oak	28/09/1984	Carr woodland, Fernhill	
flowering plant	<i>Quercus petraea</i>	Sessile Oak	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Ranunculus</i>	Water Crowfoot	21/03/1987	Abercwmboid Pond Reserve	
flowering plant	<i>Ranunculus acris</i>	Meadow Buttercup	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Ranunculus ficaria</i>	Lesser Celandine	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Ranunculus flammula</i>	Lesser Spearwort	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Ranunculus penicillatus</i> subsp. <i>pseudofluitans</i>	Stream Water-Crowfoot	21/05/1993	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Ranunculus repens</i>	Creeping Buttercup	28/09/1984	Watermeadow, Fernhill	
flowering plant	<i>Ranunculus repens</i>	Creeping Buttercup	15/09/1987	Pwll Waun Cynon	
flowering plant	<i>Ranunculus repens</i>	Creeping Buttercup	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	<i>Ranunculus repens</i>	Creeping Buttercup	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Ribes rubrum</i>	Red Currant	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Ribes uva-crispa</i>	Gooseberry	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Rorippa islandica</i>	Northern Yellow-cress	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	<i>Rosa canina</i> agg.	Rose	08/04/1991	Pwll Waun Cynon reserve	

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flowering plant	Rubus fruticosus agg.	Bramble	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Rubus idaeus	Raspberry	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Rumex	docks	21/03/1987	Abercwmboid Pond Reserve	
flowering plant	Rumex	Dock	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Rumex acetosa	Common Sorrel	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Rumex acetosella	Sheep's Sorrel	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Rumex acetosella	Sheep's Sorrel	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Rumex crispus	Curled Dock	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Rumex obtusifolius	Broad-leaved Dock	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Salix	Willow	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Salix alba	White Willow	15/09/1987	Pwll Waun Cynon	
flowering plant	Salix alba	White Willow	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Salix caprea	Goat Willow	28/09/1984	Carr woodland, Fernhill	
flowering plant	Salix caprea	Goat Willow	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Salix cinerea	Common Sallow	28/09/1984	Roadside pool, Fernhill	
flowering plant	Salix cinerea	Common Sallow	28/09/1984	Carr woodland, Fernhill	
flowering plant	Salix cinerea	Common Sallow	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Salix fragilis	Crack-willow	28/09/1984	Roadside pool, Fernhill	
flowering plant	Salix fragilis	Crack-willow	28/09/1984	Carr woodland, Fernhill	
flowering plant	Salix fragilis	Crack-willow	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Salix viminalis	Osier	28/09/1984	Carr woodland, Fernhill	
flowering plant	Salix viminalis	Osier	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Sanguisorba minor	Salad Burnet	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Sanguisorba officinalis	Great Burnet	28/09/1984	Watermeadow, Fernhill	
flowering plant	Sanguisorba officinalis	Great Burnet	15/09/1987	Pwll Waun Cynon	
flowering plant	Sanguisorba officinalis	Great Burnet	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Sanguisorba officinalis	Great Burnet	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Sanguisorba officinalis	Great Burnet	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Saponaria	Saponaria	15/09/1987	Pwll Waun Cynon	
flowering plant	Saponaria officinalis	Soapwort	21/05/1993	Pwll Waun Cynon Nature Reserve	
flowering plant	Saponaria officinalis	Soapwort	1984	Cynon Valley Nr Phurnacite Works	
flowering plant	Saponaria officinalis	Soapwort	28/09/1984	Watermeadow, Fernhill	
flowering plant	Schoenoplectus lacustris	Common Club-rush	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Schoenoplectus lacustris	Common Club-rush	08/04/1991	Pwll Waun Cynon reserve	

Taxon Group	Preferred Name	Common name	Date of record	Location Name	2016?
flowering plant	Scirpus	Scirpus	21/03/1987	Abercwmboid Pond Reserve	
flowering plant	Scirpus sylvaticus	Wood Club-rush	1984	Cynon Valley Nr Phurnacite Works	
flowering plant	Scirpus sylvaticus	Wood club rush	28/09/1984	Roadside pool, Fernhill	
flowering plant	Scorzoneroideis autumnalis	Autumn Hawkbit	28/09/1984	Watermeadow, Fernhill	
flowering plant	Scrophularia auriculata	Water Figwort	28/09/1984	Railside, Fernhill	
flowering plant	Senecio jacobaea	Senecio jacobaea	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Senecio jacobaea	Common Ragwort	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Senecio vulgaris	Groundsel	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Silene latifolia subsp. alba	White Campion	28/09/1984	Watermeadow, Fernhill	
flowering plant	Solanum dulcamara	Bittersweet	28/09/1984	Roadside pool, Fernhill	
flowering plant	Sorbus aucuparia	Rowan	28/09/1984	Carr woodland, Fernhill	
flowering plant	Stachys palustris	Marsh Woundwort	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Stachys palustris	Marsh Woundwort	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Stellaria media	Common Chickweed	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Succisa pratensis	Devil's-bit Scabious	28/09/1984	Watermeadow, Fernhill	
flowering plant	Succisa pratensis	Devil's-bit Scabious	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Symphytum	Indet. Comfrey	21/05/1993	Pwll Waun Cynon Nature Reserve	
flowering plant	Taraxacum officinale agg.	Dandelion	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Trifolium dubium	Lesser Trefoil	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Trifolium hybridum	Alsike Clover	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Trifolium pratense	Red Clover	15/09/1987	Pwll Waun Cynon	
flowering plant	Trifolium pratense	Red Clover	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Trifolium pratense	Red Clover	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Trifolium repens	White Clover	28/09/1984	Watermeadow, Fernhill	
flowering plant	Trifolium repens	White Clover	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Trifolium repens	White Clover	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Tussilago farfara	Colt's-foot	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Typha latifolia	Bulrush	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Typha latifolia	Bulrush	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Ulmus glabra	Wych Elm	28/09/1984	Carr woodland, Fernhill	
flowering plant	Ulmus glabra	Wych Elm	28/09/1984	Railside, Fernhill	
flowering plant	Urtica dioica	Nettles	21/03/1987	Abercwmboid Pond Reserve	
flowering plant	Urtica dioica	Common Nettle	25/08/1988	Pwll Waun Cynon Nature Reserve	
flowering plant	Urtica dioica	Common Nettle	08/04/1991	Pwll Waun Cynon reserve	

Taxon Group	Preferred Name	Common name	Date of record	Location Name	2016?
flowering plant	Valeriana officinalis	Common Valerian	15/09/1987	Pwll Waun Cynon	
flowering plant	Veronica chamaedrys	Germander Speedwell	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Veronica persica	Common Field-speedwell	08/04/1991	Pwll Waun Cynon reserve	
flowering plant	Viburnum opulus	Guelder-rose	28/09/1984	Roadside pool, Fernhill	
flowering plant	Viburnum opulus	Guelder-rose	1992	Pwll Waun Cynon Nature Reserve	
flowering plant	Viola riviniana	Common Dog-violet	08/04/1991	Pwll Waun Cynon reserve	
fungus	Galerina allospora	Galerina allospora	08/04/1991	Pwll Waun Cynon reserve	
horsetail	Equisetum	Horsetail	21/03/1987	Abercwmboid Pond Reserve	
horsetail	Equisetum fluviatile	Water Horsetail	21/05/1993	Pwll Waun Cynon Nature Reserve	
horsetail	Equisetum fluviatile	Water Horsetail	28/09/1984	Roadside pool, Fernhill	
horsetail	Equisetum fluviatile	Water Horsetail	28/09/1984	Railside, Fernhill	
horsetail	Equisetum fluviatile	Water Horsetail	15/09/1987	Pwll Waun Cynon	
horsetail	Equisetum fluviatile	Water Horsetail	08/04/1991	Pwll Waun Cynon reserve	
insect - beetle	Saperda populnea	Small Poplar Borer	25/08/1988	Pwll Waun Cynon Nature Reserve	
insect - butterfly	Aglais urticae	Small Tortoiseshell	15/09/1987	Pwll Waun Cynon	
insect - butterfly	Anthocharis cardamines subsp. britannica	Orange-tip	1992	Pwll Waun Cynon Nature Reserve	
insect - butterfly	Lycaena phlaeas subsp. phlaeus	Small Copper	15/09/1987	Pwll Waun Cynon	
insect - dragonfly	Aeshna cyanea	Southern Hawker	15/09/1987	Pwll Waun Cynon	
insect - dragonfly	Aeshna juncea	Common Hawker	15/09/1987	Pwll Waun Cynon	
insect - dragonfly	Sympetrum striolatum	Common Darter	15/09/1987	Pwll Waun Cynon	
insect - hymenopteran	Euura (Euura) amerinae		28/09/1984	Carr woodland, Fernhill	
insect - hymenopteran	Pontania (Pontania) proxima		28/09/1984	Carr woodland, Fernhill	
insect - hymenopteran	Pontania (Pontania) proxima		25/08/1988	Pwll Waun Cynon Nature Reserve	
insect - orthopteran	Pholidoptera griseoptera	Dark Bush-cricket	28/09/1984	Carr woodland, Fernhill	
insect - true fly	Chironomidae		21/03/1987	Abercwmboid Pond Reserve	
mollusc	Arion (Arion) rufus	Large Red Slug	28/09/1984	Watermeadow, Fernhill	
mollusc	Arion ater agg.		28/09/1984	Watermeadow, Fernhill	
mollusc	Cepaea (Cepaea) nemoralis	Brown-lipped Snail	08/04/1991	Pwll Waun Cynon Nature Reserve	
terrestrial mammal	Arvicola amphibius	Water vole	21/03/1987	Abercwmboid Pond Reserve	
terrestrial mammal	Meles meles	Eurasian Badger	01/06/1974	Glen Boi	
terrestrial mammal	Microtus agrestis	Field Vole	25/08/1988	Pwll Waun Cynon Nature Reserve	
terrestrial mammal	Neovison vison	American Mink	21/05/1993	Pwll Waun Cynon Nature Reserve	
terrestrial mammal	Vulpes vulpes	Red Fox	1992	Pwll Waun Cynon Nature Reserve	