

# Deepdale Nature Reserve

## Checklist of the Flora

### June 2012



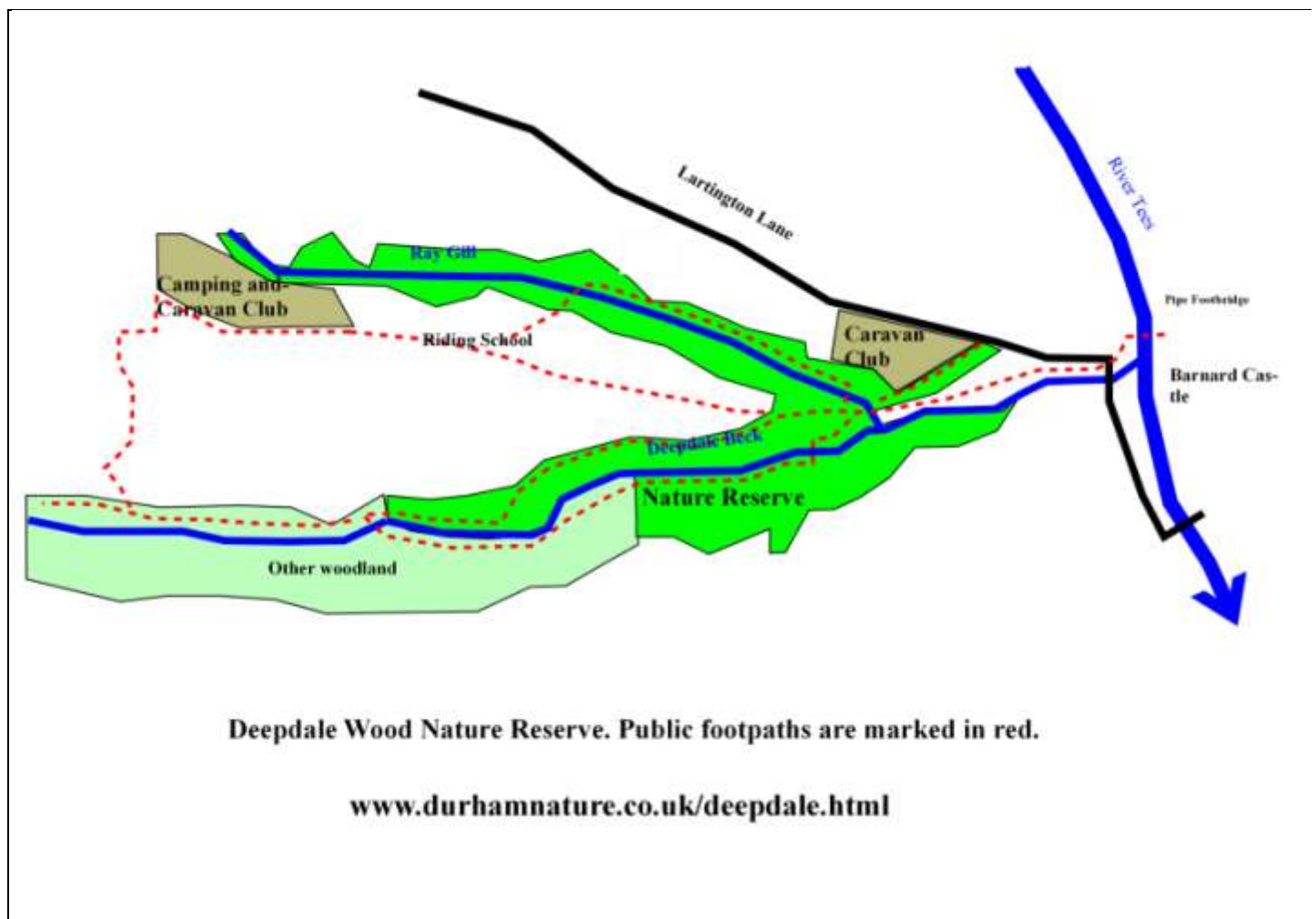
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Deepdale is a steep-sided wooded valley in Teesdale, across the Tees from Barnard Castle. The wood is five kilometres long and is mostly of ancient, semi-natural origin. Part of the wood is managed as a privately-owned, publically accessible nature reserve, which includes 70 acres in the lower part of the dale and in its Ray Gill tributary. There is a good network of footpaths, crossing the Deepdale Beck and the Ray Gill with footbridges and stepping stones.

The reserve area has a large area of alder/bird cherry woodland in the valley bottom alongside the Deepdale Beck, with some steep calcareous slopes and more neutral ash/hazel on more level areas. In Ray Gill Wood there is an unusual stand of coppiced Large-leaved Lime, probably originally planted, and a small stand of Yews, which may be of natural origin. Deepdale is quite rich in plant species and habitats, with many “ancient woodland indicator species”, old coppice woodland and veteran trees.

Several plant species are nationally scarce or uncommon in the North-east. This checklist records the species that are known so far. There are several previously recorded plants that have no recent record, particularly Pale St John’s Wort, Downy Currant and Climbing Corydalis. New records of these or of other plants would be greatly appreciated.



Scientific name	English name	Notes
<i>Acer platanoides</i>	Norway Maple	Species in italics are recorded in
<i>Acer pseudoplatanus</i>	Sycamore	Deepdale but not, yet, in the
<i>Achillea millefolium</i>	Yarrow	Reserve area.
<i>Adoxa moschatellina</i>	Moschatel	Notable species are highlighted
<i>Aegopodium podagraria</i>	Ground-elder	in yellow.
<i>Aesculus hippocastanum</i>	Horse Chestnut	Ray Gill Wood
<i>Agrimonia eupatoria</i>	Agrimony	
<i>Agrostis capillaris</i>	Common Bent	
<i>Agrostis stolonifera</i>	Creeping Bent	
<i>Ajuga reptans</i>	Bugle	
<i>Alchemilla glabra</i>	Smooth Lady's-mantle	
<i>Alchemilla mollis</i>	Garden Lady's-mantle	
<i>Alchemilla vulgaris</i> agg.	Lady's-mantle	
<i>Alchemilla xanthochlora</i>	Intermediate Lady's-mantle	
<i>Alliaria petiolata</i>	Garlic Mustard	
<i>Allium ursinum</i>	Ramsons	
<i>Alnus glutinosa</i>	Alder	
<i>Alopecurus pratensis</i>	Meadow Foxtail	
<i>Anemone nemorosa</i>	Wood Anemone	
<i>Angelica sylvestris</i>	Wild Angelica	
<i>Anthriscus sylvestris</i>	Cow Parsley	
<i>Arctium minus</i>	Lesser Burdock	
<i>Arctium nemorosum</i>	Wood Burdock	
<i>Arrhenatherum elatius</i>	False Oat-Grass	
<i>Arum maculatum</i>	Lords-and-Ladies	
<i>Asplenium trichomanes</i>	<i>Maidenhair Spleenwort</i>	<i>On Deepdale road bridge</i>
<i>subspecies quadrivalens</i>		
<i>Athyrium filix-femina</i>	Lady-fern	
<i>Atriplex patula</i>	<i>Common Orache</i>	
<i>Atriplex prostrata</i>	<i>Spear-leaved Orache</i>	
<i>Bellis perennis</i>	Daisy	
<i>Betula pendula</i>	Silver Birch	
<i>Betula pubescens</i>	Downy Birch	
<i>Brachypodium sylvaticum</i>	False-brome	
<i>Bromopsis ramosa</i>	Hairy-brome	
<i>Caltha palustris</i>	Marsh-marigold	
<i>Calystegia silvatica</i>	Large Bindweed	
<i>Campanula latifolia</i>	Giant Bellflower	
<i>Campanula rotundifolia</i>	Harebell	
<i>Capsella bursa-pastoris</i>	Shepherd's-purse	
<i>Cardamine amara</i>	Large Bitter-cress	
<i>Cardamine flexuosa</i>	Wavy Bitter-cress	
<i>Cardamine hirsuta</i>	Hairy Bitter-cress	
<i>Cardamine pratensis</i>	Cuckooflower	
<i>Carex remota</i>	Remote Sedge	
<i>Carex sylvatica</i>	Wood-sedge	
<i>Centaurea nigra</i>	Common Knapweed	
<i>Cerastium fontanum</i>	Common Mouse-ear	

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Cerastium glomeratum	Sticky Mouse-ear	
<i>Ceratocarpus claviculata</i>	<i>Climbing Corydalis</i>	<i>Near the old viaduct.</i>
Chaerophyllum temulum	Rough Chervil	
Chamerion angustifolium	Rosebay Willowherb	
Chenopodium album	Fat-hen	
Chrysosplenium alternifolium	Alternate-leaved Golden-saxifrage	
Chrysosplenium oppositifolium	Opposite-leaved Golden-saxifrage	
Circaea lutetiana	Enchanter's-nightshade	
Cirsium arvense	Creeping Thistle	
<i>Cirsium heterophyllum</i>	<i>Melancholy Thistle</i>	<i>Near the Deepdale footbridge.</i>
Cirsium palustre	Marsh Thistle	
Cirsium vulgare	Spear Thistle	
Conopodium majus	Pignut	
Corylus avellana	Hazel	
Crataegus monogyna	Hawthorn	
Cruciata laevipes	Crosswort	
Cynosurus cristatus	Crested Dog's-tail	
Cytisus scoparius	Broom	
Dactylis glomerata	Cock's-foot	
Deschampsia cespitosa	Tufted Hair-grass	
Deschampsia flexuosa	Wavy Hair-grass	
Digitalis purpurea	Foxglove	
Doronicum pardalianches	Leopard's-bane	
Dryopteris borrieri	Scaly Male-fern	
Dryopteris dilatata	Broad Buckler-fern	
Dryopteris filix-mas	Male-fern	
Epilobium ciliatum	American Willowherb	
Epilobium hirsutum	Great Willowherb	
Epilobium montanum	Broad-leaved Willowherb	
Epilobium palustre	Marsh Willowherb	
Epipactis helleborine	Broad-leaved Helleborine	
Equisetum arvense	Field Horsetail	
<i>Equisetum fluviatile</i>	<i>Water Horsetail</i>	<i>Outside the reserve area.</i>
Fagus sylvatica	Beech	
Festuca gigantea	Giant Fescue	
Festuca ovina	Sheep's-fescue	
Festuca rubra	Red Fescue	
Filipendula ulmaria	Meadowsweet	
Fragaria vesca	Wild Strawberry	
Fraxinus excelsior	Ash	
<i>Gagea lutea</i>	<i>Yellow Star-of-Bethlehem</i>	<i>Close to stream banks.</i>
Galanthus nivalis	Snowdrop	
Galeopsis bifida	Bifid Hemp-nettle	
Galium aparine	Cleavers	
Galium odoratum	Woodruff	
Galium palustre	Marsh-bedstraw	
Geranium molle	Dove's-foot Crane's-bill	
Geranium robertianum	Herb-Robert	

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Geranium sylvaticum	Wood Crane's-bill	
Geum rivale	Water Avens	
Geum urbanum	Wood Avens	
Geum x intermedium	G. rivale x urbanum	
Glechoma hederacea	Ground-ivy	
Gnaphalium uliginosum	Marsh Cudweed	
Hedera helix helix	Common Ivy	
Heracleum sphondylium	Hogweed	
Hieracium agg.	Hawkweed	
Holcus lanatus	Yorkshire-fog	
Holcus mollis	Creeping Soft-grass	
<b>Hordelymus europaeus</b>	<b>Wood Barley</b>	<b>Nationally Scarce</b>
Hyacinthoides non-scripta	Bluebell	
Hypericum hirsutum	Hairy St John's-wort	
Hypericum tetrapterum	Square-stalked St John's-wort	
<b>Hypericum montanum</b>	<b>Pale St John's-wort</b>	<b>Nationally Scarce.No recent records.</b>
Hypochaeris radicata	Cat's-ear	
Ilex aquifolium	Holly	
Iris pseudacorus	Yellow Iris	
Juncus acutiflorus	Sharp-flowered Rush	
Juncus articulatus	Jointed Rush	
Juncus effusus	Soft-rush	
<i>Laburnum anagyroides</i>	<i>Laburnum</i>	Outside the reserve area.
Lamium purpureum	Red Dead-nettle	
Lapsana communis	Nipplewort	
Larix decidua	European Larch	
<b>Lathraea squamaria</b>	<b>Toothwort</b>	<b>Close to stream banks.</b>
Lathyrus linifolius	Bitter-vetch	
Lathyrus linifolius montanus	Bitter-vetch	
Lemna minor	Common Duckweed	
Leontodon autumnalis	Autumn Hawkbit	
Ligustrum vulgare	Wild Privet	
Linaria purpurea	Purple Toadflax	
Lolium perenne	Perennial Rye-grass	
Lonicera periclymenum	Honeysuckle	
Lotus corniculatus	Common Bird's-foot-trefoil	
Luzula pilosa	Hairy Wood-rush	
Luzula sylvatica	Great Wood-rush	
Lysimachia nemorum	Yellow Pimpernel	
Malus sylvestris sens. lat.	Apple	
Matricaria discoidea	Pineappleweed	
Meconopsis cambrica	Welsh Poppy	
Melica uniflora	Wood Melick	
Mentha aquatica	Water Mint	
Mercurialis perennis	Dog's Mercury	
Milium effusum	Wood Millet	
Mimulus guttatus	Monkeyflower	
Mimulus x robertsii	Hybrid Monkeyflower	

Scientific name	English name	Notes
Moehringia trinervia	Three-nerved Sandwort	
Mycelis muralis	Wall Lettuce	
Myosotis arvensis	Field Forget-me-not	
Myosotis scorpioides	Water Forget-me-not	
Myosotis sylvatica	Wood Forget-me-not	
Myrrhis odorata	Sweet Cicely	
Narcissus pseudonarcissus	Daffodil / Wild Daffodil	
Odontites vernus	Red Bartsia	
<b>Orchis mascula</b>	<b>Early-purple Orchid</b>	
Oxalis acetosella	Wood-sorrel	
Petasites hybridus	Butterbur	
Phalaris arundinacea	Reed Canary-grass	
Phleum pratense	Timothy	
Phyllitis scolopendrium	Hart's-tongue	
Picea abies	Norway Spruce	
Pinus sylvestris	Scots Pine	
Plantago lanceolata	Ribwort Plantain	
Plantago major	Greater Plantain	
Poa annua	Annual Meadow-grass	
Poa trivialis	Rough Meadow-grass	
Polygonum arenastrum	Equal-leaved Knotgrass	
Polypodium vulgare	Polypody	
Polystichum aculeatum	Hard Shield-fern	
<b>Polystichum x bicknellii</b>	<b>Hybrid Shield Fern</b>	<b>Near the Great Stone</b>
<b>Polystichum setiferum</b>	<b>Soft Shield Fern</b>	<b>Near the Great Stone</b>
<i>Populus nigra cultivars</i>	<i>Cultivated Black Poplar</i>	<i>Outside the reserve area.</i>
<i>Populus tremula</i>	<i>Aspen</i>	<i>Outside the reserve area.</i>
Potentilla anserina	Silverweed	
Potentilla reptans	Creeping Cinquefoil	
Potentilla sterilis	Barren Strawberry	
Primula vulgaris	Primrose	
Prunella vulgaris	Selfheal	
Prunus avium	Wild Cherry	
Prunus padus	Bird Cherry	
Prunus spinosa	Blackthorn	
Pteridium aquilinum	Bracken	
Quercus petraea	Sessile Oak	
Quercus robur	Pedunculate Oak	
Quercus x rosacea	Q. petraea x robur	
Ranunculus acris	Meadow Buttercup	
Ranunculus auricomus	Goldilocks Buttercup	
Ranunculus ficaria	Lesser Celandine	
Ranunculus ficaria bulbifer	Lesser Celandine	
Ranunculus repens	Creeping Buttercup	
Ribes uva-crispa	Gooseberry	
Rorippa nasturtium-aquaticum	Water-cress	
Rosa arvensis	Field-rose	
Rosa caesia caesia	Hairy Dog-rose	

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Rosa canina	Dog-rose	
Rosa mollis	Soft Downy-rose	
Rosa x dumalis	Rosa caesia x canina	
Rubus fruticosus agg.	Bramble	
Rubus idaeus	Raspberry	
Rumex acetosa	Common Sorrel	
Rumex acetosella	Sheep's Sorrel	
Rumex crispus crispus	Curled Dock	
Rumex obtusifolius	Broad-leaved Dock	
Rumex sanguineus	Wood Dock	
Salix caprea	Goat Willow	
Salix cinerea oleifolia	Rusty Willow	
Sambucus nigra	Elder	
Sanicula europaea	Sanicle	
<i>Saxifraga granulata</i>	<i>Meadow Saxifrage</i>	<i>Outside the reserve area.</i>
Scrophularia nodosa	Common Figwort	
Senecio aquaticus	Marsh Ragwort	
Senecio jacobaea	Common Ragwort	
Silene dioica	Red Campion	
Silene x hampeana	Pink Campion (S. dioica x latifolia)	
Solanum dulcamara	Bittersweet	
Solidago virgaurea	Goldenrod	
Sonchus asper	Prickly Sow-thistle	
Sonchus oleraceus	Smooth Sow-thistle	
Sorbus aucuparia	Rowan	
Stachys officinalis	Betony	
Stachys sylvatica	Hedge Woundwort	
Stellaria graminea	Lesser Stitchwort	
Stellaria holostea	Greater Stitchwort	
Stellaria media	Common Chickweed	
Stellaria nemorum	Wood Stitchwort	
Succisa pratensis	Devil's-bit Scabious	
Symphoricarpos albus	Snowberry	
Tanacetum parthenium	Feverfew	
Taraxacum agg.	Dandelion	
Taxus baccata	Yew	
Teucrium scorodonia	Wood Sage	
<i>Tilia platyphyllos</i>	<i>Large Leaved Lime</i>	<i>Ray Gill Wood</i>
Tilia x europaea	Lime	
Trifolium pratense	Red Clover	
Trifolium repens	White Clover	
Tussilago farfara	Colt's-foot	
Ulex europaeus	Gorse	
Ulmus agg.	Elm	
Ulmus glabra	Wych Elm	
Urtica dioica	Common Nettle	
<i>Vaccinium myrtillus</i>	<i>Bilberry</i>	<i>Outside the reserve area.</i>
Valeriana officinalis	Common Valerian	

<b>Scientific name</b>	<b>English name</b>	<b>Notes</b>
Veronica arvensis	Wall Speedwell	
Veronica beccabunga	Brooklime	
Veronica chamaedrys	Germander Speedwell	
Veronica montana	Wood Speedwell	
Veronica serpyllifolia	Thyme-leaved Speedwell	
Viburnum opulus	Guelder-rose	
Vicia cracca	Tufted Vetch	
Vicia sepium	Bush Vetch	
Viola riviniana	Common Dog-violet	





Scarcer plants at Deepdale.

From above, clockwise:-

Early Purple Orchid, *Orchis mascula*

Hybrid Shield Fern, *Polystichum x bicknelli*

Toothwort, *Lathraea squamaria* (two pictures)

Wood Barley, *Hordelymus europaeus*





Scarcer plants at Deepdale.  
From above, clockwise:-  
Large Leaved Lime *Tilia platyphyllos*  
growing as coppice,  
Polypody *Polypodium vulgare*, an  
epiphytic fern,  
Yellow star of Bethlehem *Gagea lutea*,  
Moschatel, *Adoxa moschatelina*

