

APPENDIX 17 – BIODIVERSITY IN MELBOURNE – DERBYSHIRE WILDLIFE TRUST

Protected species:

Great crested newts have been recorded both within the boundary and within 500m of the boundary.

Otters have not been recorded within the Parish but they have been recorded in the River Derwent and so are likely to be using the stretch that passes through the Parish.

White-clawed crayfish were recorded in Ramsley Brook and Staunton Harold Reservoir in the 1980s but there are no more recent records.

Water vole records in the Parish are from 1968 and there have been no more recent records. However, they have been found in the River Derwent more recently and so may be present in the Parish.

Bat roosts have been recorded within the Parish for 3 species: Common pipistrelle, soprano pipistrelle and Daubenton's. Brown long-eared and noctule have also been sighted within the Parish.

The only reptile record is a common lizard from 2000.

Badger setts have been recorded within the Parish.

BAP species:

Yellowhammer, marsh tit, dunnock, bullfinch, starling, linnet, reed bunting, lapwing, skylark, grasshopper warbler, willow tit, herring gull and cuckoo have all been recorded and Derbyshire Ornithological Society is likely to have even more records of BAP birds.

Brown hare has been sighted within the boundary in the early 2000s.

There are many moth species records for Melbourne Parish that are available from Derbyshire and Nottinghamshire Entomological Society.

White letter hairstreak and wall butterflies were recorded back in the 1980s but there may be more recent BAP butterfly records that are available from Butterfly Conservation.

Common toad has been recorded.

Swifts (not a BAP species but a bird that is suffering a serious nationwide decline due to loss of suitable nesting habitat):

Recorded nesting in two houses on Potter Street in 2006

Derbyshire Red Data Book (DRDB) plant species:

14 Red Data Book species have been recorded, including some Nationally Scarce and Nationally Threatened species

Invasive non-native species:

Japanese knotweed, cherry laurel, rhododendron, Indian/Himalayan balsam, Nuttall's waterweed, snowberry, orange balsam, water fern, Canadian waterweed, American mink, red-eared terrapin

BAP habitats:

Historic wood pasture and parkland (Melbourne Parks)

Semi-natural grassland (regarded as a Potential Local Wildlife Site)

Ponds (not necessarily UK BAP habitat – requires survey to determine habitat quality)

Lakes

Lowland fen
Traditional orchards

Derbyshire Wildlife Trust nature reserves:

Spring Wood SSSI

Local Wildlife Sites:

Ref No	Name	Ecological features
SD133	Stanton Barn Marsh	Lowland swamp, wet grassland
SD137	Melbourne Railway	Unimproved neutral grassland, DRDB species
SD143	KINGS NEWTON POND	Standing open water
SD145	THE BASIN	Standing open water
SD229	MELBOURNE POOL	Standing open water, wood-pasture and parks
SD231	STAUNTON HAROLD RESERVOIR	Bird assemblage
SD351	THE WIGGS & CLIFFE HOUSE PLANTATIONS	Secondary broad-leaved wet woodland, reedbed
SD352	RAMSLEY WOOD	Secondary broad-leaved wet woodland
SD370	THE COPPICE	Ancient semi-natural oak woodland
SD371	QUARRY WOOD	Ancient woodland plantation (conifer)

Other recorded sites of interest:

Whistlewood Common

Ancient woodland:

Ancient semi-natural woodland & ancient replanted woodland in SD370

Please be aware that this search cannot capture everything found in Melbourne Parish but gives a good idea of what is present.

There are a number of local groups that hold more comprehensive species datasets than the Trust does for certain species/groups.

For bat sightings contact:

Derbyshire Bat Conservation Trust (records@derbyshirebats.org.uk).

For BAP moths contact:

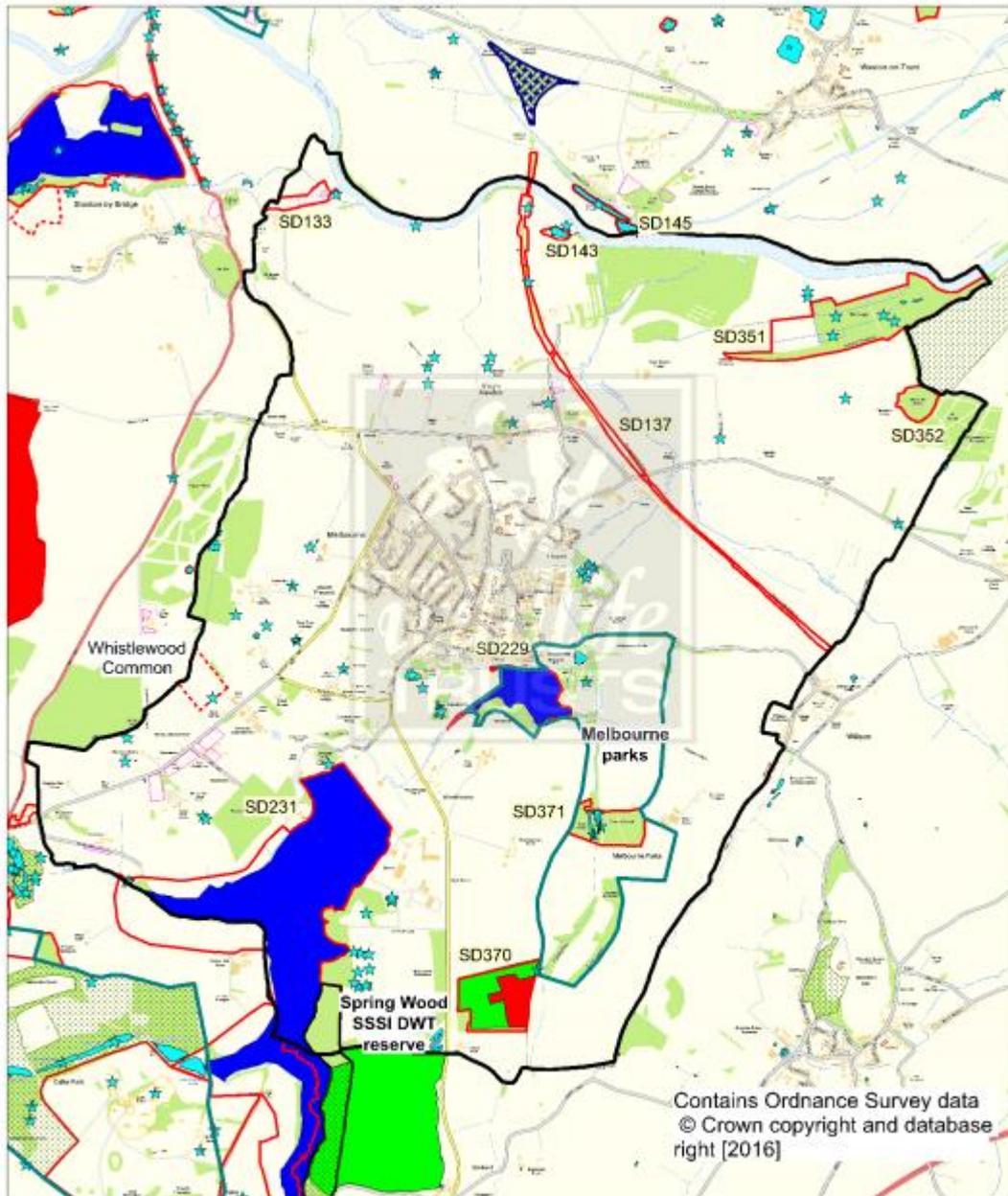
Derbyshire and Nottinghamshire Entomological Society (Dbud01@aol.com).

For BAP butterflies contact:

Butterfly Conservation (ken@malaga.plus.com).

For BAP birds contact:

Derbyshire Ornithological Society (<http://www.derbyshireos.org.uk/datasales.php>).



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Derbyshire
 Wildlife Trust

GENERAL KEY TO GIS MAPS

NB Not all these symbols may appear on the map supplied

	otter (BAP) record		BAP mammal record
	badger record (confidential)		BAP reptiles
	fresh water crayfish		BAP bumblebee
	BAP great crested newt with 500m buffer zone		BAP beetle
	bat roost		BAP butterfly record
	bat sighting		BAP moth record
	water vole (BAP) record		BAP fish record
	BAP bird record		toad record or toad crossing
	kilarney fern		swift
	Derbyshire Red Data Book Plant Species		veteran trees
			native black poplar record
			Invasive non-native species
	Local Wildlife Site		potential Local Wildlife Site
	Semi Natural Grassland (may support sufficient vegetation interest to meet grassland LWS selection criteria)		DWT nature reserve
			other recorded site of interest
	SSSI		SAC
			SPA
			National Nature Reserve
	LNR		RIGS (Regionally Important Geological Sites)

Ancient Woodland from Ancient Woodland Inventory

	Ancient semi-natural broad-leaved woodland		Plantation on ancient woodland site
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UK BAP Priority Habitats

	Lakes in Lowland Derbyshire		Lowland heathland		Mire
	Reedbed		Lowland fen		Parkland
	Purple moor grass and rush pasture		Traditional orchard (not ground truthed)		Open Mosaic not allocated to other habitat types
	Pond (not necessarily BAP habitat)				