

Turnpike Fields Wildlife Report for 2023

Review

This report is based on our fourth survey season. We now have very good data regarding the plant life within the fields although we are still adding one or two new species. We also have a good list of birds that frequent the fields and its surrounds. The insects could still do with further research and the animal section requires more reporting of sightings. We have not carried out a fungi survey this year. Generally we have seen a decrease in reported species throughout the whole range. This has been due to less surveying taking place. Also a factor has again been the weather and the changing climate which is having the effect of reducing the flowering season with a knock-on effect for insects.

Plants

80% of our previously recorded plant species have been recorded this year. Those not recorded are primarily single recorded plants which have probably been missed. However we have recorded several new species in particular a Common Spotted Orchid. This was in the top fields and as an indicator of the changing soil nature from "improved" to natural meadow. The other species of orchid, Southern Marsh Orchid again flowered this year. Whilst these are single plants we hope that these and other species will begin to spread.

Insects

The decrease in the number of insects recorded is due to the few specific insect surveys carried out and also the short flowering season. However after a slow start the Butterfly population picked up later than previously recorded both in number of species and also, in some cases, in number of particular species.

Birds

We have now recorded a core number of species resident or visiting the Fields. As yet we have seen no positive activity at the nest boxes which were installed a couple of years ago.

Animals

Fewer animals were recorded this year. Two factors may account for this, the first being the need for longer time needed in surveying and the other the increased use of the Fields particularly for dog walking. This does not mean that the species are not present but that the times when they are seen are more limited.

Ponds

The ponds continue to mature. Some maintenance work was done in the Spring. However this seems to have created increase growth in the reed mace. The pond life continues to thrive and one new species of Dragonfly has been recorded this year. The result of the genetic water testing in the Spring for Great Crested Newtons, unfortunately proved negative in both ponds. Further testing will take place next year.

Trees

Most of the newly planted trees continue to grow despite the effects of adverse weather and some vandalism. Newly added this year were a some number of fir trees which ADAS planted with a view to future use in the village.

Looking forward

Whilst no programmed usage of the fields has come about, it is clear that village members have defined their own use through recreation and dog walking. The Fields remain a setting in which it is possible for folk to experience, enjoy and appreciate the value of a natural or wild (or semi-wild) space in our community. The different habitats which have been identified need protecting even if to the casual eye they appear untidy and valueless. The ongoing process of regular wildlife survey will help to highlight the living and interacting nature of these habitats. The information outlets already established might be developed further to encourage the natural life and the human community to co-exist happily together.

Adrian Leighton

December 2023

Survey Results - Plants, Trees and Fungi

| Species | June2019 | 2020 | 2021 | 2022 | 2023 |
|-------------------------------|----------|------|-------|------|------|
| Alkanet Evergreen | | | | * | |
| Alkanet Green | | * | * | * | * |
| Anemone Wood | | | | | * |
| Angelica Wild | * | * | | * | |
| Aven Wood (Herb Bennet) | | | * T3 | * | * |
| Balsam Himalyan | * | * | * | * | * |
| Bedstraw Common | | * | * | * | * |
| Bedstraw Marsh | * | * | * | * | * |
| Bistort | | * | * | * | |
| Bittercress Hairy | | | | * | * |
| Bittercress Large | | * | | | |
| Bittercress Wavy | | | * TM | * | |
| Bittersweet/ Woody Nightshade | * | * | | | |
| Bluebells English | | * | * | * | * |
| Bluebells Hybrid | | * | * | * | * |
| Bluebells Spanish | | * | * | * | * |
| Borage | | | | * | |
| Brambles (in flower) | | * | * | * | * |
| Broome Soft | | | | * | |
| Brooklime | | | | * | * |
| Burdock Greater | | | | * | * |
| Burdock Lesser | | * | * | * | * |
| Butterbur | | * | | * | |
| Buttercup Bulbous | | * | * | * | * |
| Buttercup Creeping | * | * | * | * | * |
| Buttercup Meadow | * | * | * | * | * |
| Campion Red | * | * | * | * | * |
| Campion White | | | * TiH | * | |
| Catsear Common | * | * | * | * | |

| | | | | | |
|------------------------------------|---|---|-------|---|---|
| Celandine Greater | | * | * | * | * |
| Celandine Lesser | | * | * | * | * |
| Cherry | | | | | * |
| Cinquefoil Creeping | | * | * | * | |
| Chickweed Common | | * | * | * | * |
| Cleavers | * | * | * | * | * |
| Clover Red | | * | * | * | * |
| Clover White | * | * | * | * | * |
| Cocksfoot | | * | * | * | |
| Columbine | | * | | | |
| Comfrey Common | | * | * | * | |
| Coltsfoot | * | * | | * | |
| Cow Parsley | | * | * | * | * |
| Crocus | | | * T1 | * | |
| Crocsmia (Montbretia) | | * | * | * | * |
| Crowfoot Common Water | | * | | | |
| Cuckooflower (Lady's Smock) | | * | * | * | * |
| Daffodil | | | * TM | * | * |
| Daisy | | * | * | * | * |
| Daisy Oxeye | | * | * | * | * |
| Dame's Violet | | * | * | * | * |
| Dandelion Common | * | * | * | * | * |
| Dock Broad-leaved | * | * | * | * | * |
| Dock Curled | * | * | * | * | * |
| Dog's Mercury | | | * T1H | * | * |
| Elder Ground | | | | * | * |
| Eyebright Common | | * | * | * | * |
| Figwort | * | | | | |
| Forget-me-not | | * | * | * | * |
| Garlic Mustard (jack-in-the hedge) | | * | * | * | * |
| Germanium Cutleaf | | | | | * |
| Gorse | | * | * | * | * |
| Hawkbit | | | | | * |
| Hawkweed | | * | * | | |
| Hellebore | | | | | * |
| Herb Robert | | * | * | * | * |
| Hogweed | * | * | * | * | * |
| Honesty | | * | | | |
| Horehound Black | | * | | | |
| Horsetail | * | * | * | * | * |
| Iris Yellow Flag | * | * | * | * | * |
| Ivy Ground | | * | * | * | * |
| Kingcup | | * | * | * | |
| Knapweed Greater | | | | * | |
| Loosestrife Purple | | * | * | * | * |
| Lords-and-Ladies | | * | * | * | * |
| Marigold Marsh | * | * | * | * | * |
| Mayweed | | * | | * | |
| Meadowsweet | * | * | | * | |
| Mousebit | | * | * | | |
| Mouseear Common | * | * | * | * | * |
| Mullien Greater | | * | * | * | |
| Nettle Common | * | * | * | * | * |
| Nettle Red Dead | | * | * | * | * |
| Nettle White Dead | | * | * | * | * |
| Nipplewort | | * | * | * | * |

| | | | | | |
|----------------------------------|---|---|------|---|---|
| Orchid Common Spotted | | | | * | * |
| Orchid Southern Marsh | | | | | * |
| Pansy | | * | * | * | |
| Pignut | | * | * | * | * |
| Pimpernel Scarlet | | * | | | |
| Plantain Broad-leaved | * | | | | |
| Plantain Common | * | * | * | * | * |
| Plantain Greater | | * | * | * | * |
| Plantain Ribwort | | | | * | * |
| Poppy | * | | * | * | * |
| Primrose Evening | | * | * | * | * |
| Privet | | | | | * |
| Ragwort Common | | * | * | * | * |
| Ramson (Wild Garlic) | * | * | * | * | * |
| Raspberry Wild | | | | * | |
| Redshank | * | | | | |
| Reed Mace | | * | * | * | * |
| Rocket yellow | | | | * | |
| Rose Dog | | * | * | * | * |
| Rose Guelder | | | | | * |
| Rush Bull | | * | * | * | * |
| Rush Hard | | * | * | * | * |
| Rush Jointed | * | | | * | * |
| Rush Soft | * | * | * | * | |
| St John's-wort | * | * | * | * | |
| Saxifrage opposite-leaved golden | | | * | * | |
| Sedge Lesser Pond (?) | * | * | | | |
| Sedge Pendulous | | * | * | * | * |
| Sedge Yellow | | * | * | * | |
| Snowdrop | | | * | * | * |
| Sorrel Common | | * | * | * | * |
| Sorrel Sheeps | | | | | * |
| Spearwort Greater | | | * | | |
| Speedwell Field | | * | * | * | * |
| Speedwell Germander | | * | * | * | * |
| Speedwell Slender | | * | | | |
| Speedwell Thyme leaved | | | | * | * |
| Speedwell Wood | | | | | * |
| Teasel | * | * | * | * | |
| Thistle Creeping | * | * | * | * | * |
| Thistle Marsh | * | * | * | * | * |
| Thistle Rough | | * | * | * | * |
| Thistle Spear | * | * | * | * | * |
| Thistle Sow Prickly | * | * | * | * | * |
| Thistle Sow Smooth | | * | * | * | * |
| Trefoil Greater Birdsfoot | * | * | * | * | * |
| Trefoil Common Birdsfoot | * | * | * | * | * |
| Violet - Purple | | | * TM | * | * |
| Vetch Bush | | * | * | * | * |
| Vetchling Meadow | | * | | | |
| Willowherb Greater Rosebay | * | * | * | * | * |
| Willowherb Lesser Rosebay | | * | * | * | * |
| Willowherb Hoary | | * | | * | * |
| Woundwort | * | | | * | * |

| | | | | | |
|--|---|---|------|-------|---------|
| (119) | | | (+7) | (+12) | 94 (+3) |
| Grasses | | | | | |
| Bent Common | * | * | * | * | * |
| Bent Creeping | * | | | * | |
| Brome Soft | | | | | * |
| Cocksfoot | | * | * | * | * |
| Crested Dog's-tail | | * | * | * | * |
| Fescue Red | * | * | * | * | |
| Fescue Meadow | | * | * | * | * |
| Field Woodrush | | * | * | * | * |
| Foxtail Meadow | * | * | * | * | * |
| Grass Reed Canary | * | | * | * | |
| Grass Rough Meadow | * | | * | | |
| Grass Sweet Vernal | * | | * | * | * |
| Oat Grass False | * | * | * | * | * |
| Rye Grass Perennial | * | * | * | * | * |
| Timothy | * | * | * | * | * |
| Yorkshire Fog | * | * | * | * | * |
| (15) | | | | | (12) |
| Fungi | | | | | |
| Horseshoe Parachute (Marasmiaceae) | | | | * | |
| Tubariceae | | | | * | |
| Shaggy Inkcap (Copinaceae) | | | | * | |
| Bonnet Mushroom | | | | * | |
| Beef Steak Mushroom (Crusts Fistulinaceae) | | | | * | |
| False Truffle (Huymenogastraceae) | | | | * | |
| Yellow Fieldcap (Bolbit) | | | | * | |
| Witches Butter | | | | * | |
| Purple Jellydisc | | | | * | |
| Oyster Mushroom | | | | * | |
| Yellowleg Bonnet | | | | * | |
| Spring Fieldcap | | | | * | |
| Shaggy Parasol | | | | * | |
| Lilac Bonnet | | | | * | |
| Milking Bonnet | | | | * | |
| (15) | | | | | |

Survey Results - Insects, Birds and Animals

| Species | June2019 | 2020 | 2021 | 2022 | 2023 |
|-------------------------------|----------|------|------|------|------|
| INSECTS | | | | | |
| Bee Buff-tailed Bumblebee | | * | * | * | * |
| Bee White-tailed Bumblebee | | * | * | * | * |
| Bee Red-tailed Bumblebee | | * | | | |
| Bee Common Carder | | * | | * | |
| Bee Honey | | * | * | * | * |
| Beetle Alder Leaf | | * | * | * | * |
| Beetle Blood-sucker (Soldier) | | | * | * | |
| Beetle Frogopper | | | * | | * |

| | | | | | |
|--|--|---|---|---|---|
| Beetle Leafhopper | | | * | | |
| Beetle Green Dock | | | | * | |
| Beetle Longhorn | | * | * | | |
| Beetle Oedemera Nobius | | | | * | |
| Beetle Rove | | * | * | | |
| Beetle Soldier | | | | * | |
| Beetle Swollen Thighed | | | | * | |
| Butterfly Comma | | * | * | * | * |
| Butterfly Common Blue | | * | * | * | * |
| Butterfly Small Copper | | | * | | * |
| Butterfly Fritillary | | * | | | |
| Butterfly Gatekeeper | | * | * | * | * |
| Butterfly Green-veined White | | * | * | * | * |
| Butterfly Honey Blue | | | | * | |
| Butterfly Large White | | * | * | * | |
| Butterfly Small White | | * | * | * | * |
| Butterfly Speckled Wood | | * | * | * | * |
| Butterfly Meadow Brown | | * | * | * | * |
| Butterfly Orange Tip | | * | * | * | * |
| Butterfly Peacock | | * | * | * | * |
| Butterfly Red Admiral | | | | * | * |
| Butterfly Ringlet | | * | * | * | * |
| Butterfly Large Skipper | | * | * | | |
| Butterfly Small Skipper | | * | | | |
| Butterfly Small Tortoiseshell | | * | * | * | * |
| Crane fly (Tip[ula Melanocerus) | | | | * | * |
| Cricket Great Green | | * | | | |
| Cricket Oak Bush | | * | * | * | |
| Grasshopper Common Field | | * | | * | |
| Grasshopper Meadow | | * | | | |
| Damselfly Azure | | | | * | * |
| Damselfly Banded Agrion | | | * | * | * |
| Damselfly Blue Tailed | | * | * | * | * |
| Damselfly Common Blue | | * | * | | * |
| Damselfly Large Red | | * | * | | * |
| Dragonfly Broad Bodied Chaser | | * | * | * | * |
| Dragonfly 4-spotted chaser | | | | | * |
| Dragonfly Emperor | | * | * | | |
| Dragonfly; y - libellula depressa | | | * | | |
| Dragonfly - Black-tailed Skimmer | | | * | | |
| Drone Fly (Eristalis Pertinax) | | | | * | |
| Fly Alder | | | | | * |
| Fly Dung | | | | * | |
| Fly Scorpion (Panorpa Communus) | | | | * | |
| Fly St Marks | | | | * | |
| Hover-Fly Dronefly | | * | * | | |
| Hover-fly Eristalis | | | | * | |
| Hover-fly Helophilus pendulus | | | * | | |
| Hover-fly Pertinax | | | | * | |
| Hover fly Marmalade (Episyrphus Balteatus) | | | | * | |

| | | | | | |
|---|--|---|----|----|---|
| Hover fly Sphaerophoria Scripta | | | | * | |
| Hover fly Thick legged (Syrirta Pipiens) | | | | * | |
| Hover fly (Xylcita Segnis) <i>nationally scarce</i> | | | | * | |
| Hover fly Xanthandrus Aruensis | | | | * | |
| Ladtbird Harequin | | | | * | |
| Ladybird 22-spot | | | * | | |
| Ladybird 2-spot | | | * | * | |
| Ladybird 7-spot | | | | * | |
| Leatherbug Dock | | | | * | |
| Mayfly | | | | * | |
| Micro Fly | | | * | | |
| Moth Brown Plume | | | | * | |
| Moth Cinnabar | | * | * | | |
| Moth Cinnabar Caterpillars | | * | | | |
| Moth Common Rustic | | | * | | |
| Moth Garden Carpet | | | * | * | |
| Moth Grass (Agriphilia Tristella) | | | | * | |
| Moth Heart-and-Dart | | * | | | |
| Moth Nettle Tap | | | | * | |
| Moth Scalloped Oak | | * | * | | |
| Moth Silver Ground Carpet | | | | * | |
| Moth Silver Y | | * | | | * |
| Moth Strawdot | | | | * | |
| Moth Yellowtail (caterpillar) | | | | * | |
| Oak Bug | | | | | * |
| Pond Skater | | * | * | * | * |
| Shield Bug Green | | | | * | |
| Shield Bug Halothorn | | | | * | |
| Spider Araneus Dladematus | | | | * | |
| Spider Plsaura Mirabilis | | | | * | |
| Spider Wolf | | | | * | * |
| Wasp Solitary | | | | * | |
| Water Beetle | | * | * | * | |
| Weevil (Utophlloeus Tessulatus) | | | | * | |
| | | | 42 | 89 | |
| | | | | | |
| BIRDS | | | | | |
| Blackbird | | * | * | * | * |
| Blackcap | | | | * | * |
| Blue Tit | | | * | * | * |
| Bullfinch | | | | * | |
| Buzzard | | * | * | * | * |
| Chaffinch | | | | * | * |
| Chiffchaff | | | | * | * |
| Coal Tit | | | | * | * |
| Cormorant | | | | * | |
| Crow | | * | * | * | * |
| Fieldfare | | | | * | |
| Goldfinch | | | * | * | * |
| Great Tit | | | | * | * |

| | | | | | |
|-------------------------------|--|---|----|----|----|
| Greenfinch | | | | | * |
| Gull Common | | | | | * |
| House Martin | | | | * | |
| Jackdaw | | | * | * | * |
| Kingfisher | | * | * | | |
| Long Tailed Tit | | | | * | |
| Magpie | | * | * | * | * |
| Mallard | | | | * | * |
| Nuthatch | | | * | * | |
| Pheasant | | | | * | |
| Raven | | | | * | * |
| Redwing | | | | * | * |
| Robin | | | * | * | * |
| Starling | | | * | * | * |
| Swallow | | | | | * |
| Thrush Song | | | | * | |
| Wagtail Grey | | * | * | * | |
| Wagtail Pied | | * | * | | |
| Woodpecker Great Spotted | | | | * | |
| Wood Pigeon | | | * | * | * |
| Wren | | * | * | * | * |
| | | | 15 | 31 | 16 |
| ANIMALS & REPTILES | | | | | |
| Common Frog | | * | * | * | |
| Frogspawn | | | * | * | * |
| Fox (smell) | | * | | * | |
| Otter | | | * | | |
| Rabbit | | * | * | * | * |
| Vole Bank | | | * | | |
| Vole Field | | * | | | |
| Vole Water | | | * | | |
| Squirrel Grey | | | * | * | * |