

## The Bird Sanctuary - Species list

The following tables list the species that have been recorded in the Sanctuary since the beginning of 2010. Some sections give the most recent year of sighting, others (particularly flora, fungi and insects) are cumulative. Those species recorded as being present are indicated as follows: L = leaf, F = flower, S = seed, X = sighting (or heard or signs or otherwise present), C = caterpillar, D = dead, s = species. If you note any other species, please add to the list. Copies of the list are available on the Cambridge Natural History Society web page at <http://www.cnhs.org.uk>. Jonathan Shanklin ([j.shanklin@bas.ac.uk](mailto:j.shanklin@bas.ac.uk)).

Species added in 2010 or previously not seen since 2004 are vascular plants: hard rush, hybrid hawthorn, red fescue, blue iris, Russian comfrey, water crowfoot, nutall's waterweed, pale persicaria, rigid hornwort; fungi etc: Redlead roundhead, Shaggy bracket, Lumpy bracket, Tubifera ferruginosa, Leucoagaricus ionidicolor (2<sup>nd</sup> County record), False saffron milkcap, Bitter poisonpie; birds: red-legged partridge, lesser-spotted woodpecker, redpoll; insects: Marmalade hoverfly, (hoverfly hornet mimic), Tree Bumble bee, Vestal cuckoo Bumble bee, White-tailed Bumble bee, Hill cuckoo Bumble bee, Garden Bumble bee.

Species added in 2011 are birds: Waxwing, Ruddy Shelduck, Sand Martin; invertebrates: Water Scorpion, Yellow Dung-fly, A leaf beetle, Water Slater (Hog-louse), Four coloured cuckoo Bumble bee, Helophilus pendulus (Hoverfly); vascular plants: Oxford ragwort, fungi: Chicken of the woods.

Species added in 2012 are birds: Goosander, Little Egret, Widgeon, fungi: Beefsteak fungus, invertebrates: 14 spot ladybird, 10 spot Ladybird, Banded Demoiselle (and many others on June 26), vascular plants: Carrot, Goatsbeard, Meadow-sweet, Field Maple, bryophytes: Metzgeria furcata (94)

Species added in 2013 are mammals: Mole; birds: Spotted flycatcher, Peregrine; fungi: invertebrates: Cream-streaked ladybird; vascular plants: Corn Cockle, Greater Celandine, Huntingdon Elm, Knotgrass (33), Shepherd's Needle, Thorrow-wax, Treacle Mustard, Scaly Male Fern; bryophytes:

Species added in 2014 are mammals:; birds: Hybrid duck, Tufted duck, Whitethroat; fungi: Rooting shank, Verdigris Agaric, Yellow Stainer, Lawyers Wig, The Miller, "Mice Guts"; invertebrates: Kidney-spot ladybird, Marsh Slug, Southern Garden Slug, Ash-grey Slug, Aegopinella nitidula, Oxychilus draparnaudi, ; vascular plants: Glory of the Snow, Corn buttercup, Canadian Goldenrod, hybrid Willow, Corky-fruited Water-dropwort, Red Campion; bryophytes: lichens: Cladonia

Species added in 2015 are mammals: Bank Vole; birds: Cetti's Warbler; fungi: Lactarius semisanguifluus, Mycena acicula, Ramaria ochraceovirens; invertebrates: **Willow Emerald Damselfly**; vascular plants: Borage, Remote sedge; bryophytes: lichens:

Species added in 2016 are mammals: ; birds: Lesser Whitethroat, Mandarin duck; fungi: ; invertebrates:; vascular plants: Hemlock Water-dropwort, Hemp Agrimony, Hop Trefoil, Peach-leaved Bell-flower, Pirri-pirri Bur, Box; bryophytes: Radula complanata; lichens:

Species added in 2017 are mammals: ; birds: **Red Kite**, Sedge Warbler; fungi: Anthracobia macrocystis, Xanthophyllomyces dendrorhous, Cryptococcus macerans, **Geastrum pectinatum**; invertebrates: Brown Argus, **Essex Skipper**; vascular plants: Early Crocus, **Field Wood-rush**, Few-flowered Garlic, Hybrid Violet, Hybrid Arum, Hairy Sedge, Hoary Willowherb, Meadow Cranesbill, Groundsel, Black Horehound, Ivy Broomrape, Agrimony, Rusty Sallow; bryophytes: ; lichens: .

Species added in 2018 are mammals: ; birds: Pink-footed Goose; fungi: Geastrum fimbriatum (seen in 2017), Pluteus aurantiorugosus; invertebrates: Black-tailed Skimmer (95), White-letter Hairstreak, Elm Zigzag Sawfly; vascular plants: House Holly-fern, Salad Burnet, Ox-eye Daisy, Crested Dog's-tail, Hedge Bedstraw, Meadow Foxtail, Two-rowed Barley, Dwarf Spurge; bryophytes: ; lichens: .

Species added in 2019 are mammals: ; birds:; fungi: *Mucilago crustacea*, Common Bonnet; invertebrates: Sirex noctilio (a sawfly), Common Backswimmer, Painted Lady; vascular plants: Maidenhair Spleenwort (seen in 2018), Chinese Fountain-bamboo, Musk-mallow, Delicate Stonewort, Sweet Vernal-grass, Rose Campion, Narrow-leaved Meadow-grass, Fool's Parsley, Scarlet Pimpernel, Oilseed Rape, Common Fumitory, Common Poppy, Lesser Pondweed, Common Bent, Hawkweed Oxtongue, Guernsey Fleabane, Buddleia, Blackthorn ; bryophytes: *Frullania dilatata*, *Cololejeunea minutissima*, *Cryphaea heteromalla*; lichens: .

	Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Vertebrates - Birds</b>													
Turdus merula	Blackbird	19	19	19	19	19	19	19	18	19	19	19	19
Sylvia articapilla	Blackcap	15	16	19	19	19	19	19	18	16	14	10	14
Parus caeruleus	Blue tit	19	19	19	19	19	19	19	19	17	19	19	19
Pyrrhula pyrrhula	Bullfinch	18	19	19	19	19	17	15	17	19	15	15	16
Buteo buteo	Buzzard	18	19	19	19	19	18		10	16	13	19	19
Cettia cetti	Cetti's Warbler							15f					
Fringilla coelebs	Chaffinch	19	19	19	19	19	19	19	18	19	17	19	19
Phylloscopus collybita	Chiffchaff			19	19	19	19	19	18	15	14		
Parus ater	Coal tit	16	17	17	16	16	19	10	12	13	14	19	18
Streptopelia decaocto	Collared dove	10		10			13						
Fulica atra	Coot		18	15	19	19	19	19	19	19	19	19	19
Phalacrocorax carbo	Cormorant	19	18	18	13					17			
Corvus corone corone	Crow	19	19	19	19	19	19	18	18	17	18	19	19
Columba oenas	Dove, stock	17	14	17	19	19	19	18	18	13	14		14
Anas x	Duck, hybrid			14f									

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	Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Anas platyrhynchos domesticus	Duck, white		18	17	19	19	19	19	12			13	13
Prunella modularis	Dunnoek	19	19	19	17	18	18	17	15	15	17	15	18
Turdus pilaris	Fieldfare										14	15	19
Sylvia borin	Garden Warbler					10	11	11	10	12			
Regulus regulus	Goldcrest	19	19	19	19	19	19	16	18	15	14	19	19
Carduelis carduelis	Goldfinch	16	19	19	19	17	19	19	11	15	17	17	19
Mergus merganser	Goosander	12f											
Branta canadensis	Goose, Canada	19	19	19	19	19	17	17	19	18	19	17	19
Anser anser	Goose, Greylag	18	18	18	19	19				17	17		17
Anser brachyrhynchus	Goose, Pink-footed	18f											
Dendrocopos major	Great spotted woodpecker	19	18	17	19	17	19	15	18	19	17	15	19
Parus major	Great tit	19	19	19	19	19	18	15	18	17	19	19	19
Picus viridis	Green Woodpecker	18	19	19	19	19	19	19	17	17	17	19	19
Carduelis chloris	Greenfinch	16	19	19	19	19	17	16	15	11	11	17	17
Motacilla cinerea	Grey wagtail					16			13	19	13		18
Larus ridibundus	Gull, black-headed	19	19	19	16	15		11	13	15	15	19	19
Larus canus	Gull, common	15	12	12	12			10		13	12	17	10
Larus argentatus	Gull, herring	13	17		13		17		14	13	13		14
Larus fuscus	Gull, lesser black-backed	15	12			10			11		19	11	
Ardea cinerea	Heron	19	19	19	19	19	19	19	19	19	19	19	19
Delichon urbica	House Martin					15			18	11			
Passer domesticus	House sparrow												
Corvus monedula	Jackdaw	19	19	19	19	19	19	15	15	17	15	19	19
Garrulus glandarius	Jay	18	19	19	19	19	19	19	18	17	19	19	19
Falco tinnunculus	Kestrel				11	11	13						
Alcedo atthis	Kingfisher	19	18	19	19	17	19	19	19	19	19	19	19
Vanellus vanellus	Lapwing												
Sylvia curruca	Lesser Whitethroat					16f	16						
Carduelis cannabina	Linnet					17	14	14					
Egretta garzetta	Little Egret	19	18	17									19
Tachybaptus ruficollis	Little Grebe	19	19	19	19	19	19	18	19	18	19	19	19
Aegithalos caudatus	Long tailed tit	19	19	19	19	18	19	15	17	17	17	19	19
Pica pica	Magpie	19	19	19	19	17	19	19	18	19	19	19	19
Anas platyrhynchos	Mallard	19	19	19	19	19	19	19	19	19	19	19	19
Aix galericulata	Mandarin duck			16f									
Anthus pratensis	Meadow pipit									15			
Turdus viscivorus	Mistle thrush	18	19	17	17	15	16	11	12	19	17	17	19
Gallinula chloropus	Moorhen	19	19	19	19	19	19	19	19	19	19	19	19
Sitta europaea	Nuthatch												
Falco peregrinus	Peregrine										13f		
Phasianus colchicus	Pheasant	18	19	19	19	16	19	15	14	14	15	15	14
Motacilla alba	Pied wagtail				19	13	17						18
Columba livia	Pigeon, feral		10	16	11	11	10			10	10	10	10
Milvus milvus	Red Kite			17f	17								
Alectoris rufa	Red-legged Partridge	10											
Carduelis flammea	Redpoll			17						15		10	
Turdus iliacus	Redwing	15	14	19	10						17	12	18
Emberiza schoenicus	Reed bunting	11	11	19	19	19	19					10	19
Acrocephalus scirpaceus	Reed warbler				19	19	19	19	18	15			
Erithacus rubecula	Robin	19	19	19	19	19	19	19	19	19	19	19	19
Corvus frugilegus	Rook	17	18	18	13					10	11	19	10
Tadorna ferruginea	Ruddy Shelduck			11									
Riparia riparia	Sand Martin									11			
Acrocephalus schoenobaenus	Sedge Warbler			17f									
Carduelis spinus	Siskin	12	19	16	13					15	10	10	17
Alauda arvensis	Skylark			11						15	13		
Turdus philomelos	Song thrush	19	19	19	19	19	19	18	14	12	16	19	18
Accipiter nisus	Sparrowhawk	16	18	18	19	15	17	15	17	16	17	18	19

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	Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Muscicapa striata	Spotted flycatcher									13f			
Sturnus vulgaris	Starling	13	12	14		15				11	12	18	
Hirundo rustica	Swallow			19	11	12							
Cygnus olor	Swan, mute	19	18	19	19	19	19	19	19	19	19	19	19
Apus apus	Swift					13	19	16	10				
Strix aluco	Tawny owl		10	12									
Anas crecca	Teal										19		
Certhia familiaris	Treecreeper		16	17	13		17		18				18
Aythya fuligula	Tufted duck				19	16	19						
Motacilla flava	Wagtail, yellow												
Railus aquaticus	Water rail	13											
Bombycilla garrulus	Waxwing			11									
Sylvia communis	Whitethroat					14f							
Anas penelope	Widgeon	19									12f		
Phylloscopus trochilus	Willow warbler				11	13			18	19			
Columba palumbus	Wood pigeon	19	19	19	19	19	19	19	19	19	18	19	19
Scolopax rusticola	Woodcock			16									
Dendrocopus minor	Woodpecker, lesser spotted		10										
Troglodytes troglodytes	Wren	19	19	19	19	19	19	19	18	19	19	19	19
92 species													
<b>Other vertebrates</b>													
Meles meles	Badger		10		17		10	10		16	11	16	14
Myotis daubentoni	Bat, Daubenton's												
Nyctalis noctua	Bat, noctule							10					
Pipistrellus pipistrellus	Bat, pipistrelle			17s									
Pipistrellus pipistrellus	Bat, soprano pipistrelle							10					
Ratus norvegicus	Brown rat					15							
Cyprinus carpio	Carp			12s		12s				15	11s		
Sorex araneus	Common shrew								10	10			
Carassius carassius	Crucian carp									15			
Vulpes vulpes	Fox	18	19	18	19	19	19	18		13	19	18	13
Rana temporaria	Frog			11	18	14	19	18		17			
Natrix natrix	Grass snake			12	12	17	19	18	13	10			
Triturus cristatus	Great crested newt			14									
Erinaceus europaeus	Hedgehog							10					
Phoxinus phoxinus	Minnow												
Talpa europaea	Mole												13f
Mus sp	Mouse												
Muntiacus reevesi	Muntjac	18	19	19	19	19	19	19	19	19	19	19	19
Lutra lutra	Otter	16		15	11	13	13	11					
Oryctolagus cuniculus	Rabbit												
Capreolus capreolus	Roe deer												
Sorex sp	Shrew						12						
Sorex minutus	Shrew, pigmy												
Triturus vulgaris	Smooth newt					14				17			
Sciurus carolinensis	Squirrel, grey	16		12	17	10	19	18		19	18	19	19
Sciurus carolinensis	Squirrel, grey (melanic)				10							10	10
Gasterosteus aculeatus	Stickleback												
Bufo bufo	Toad			12	12								
Neomys fodiens	Water shrew												
Arvicola terrestris	Water vole									10			
Mustela nivalis	Weasel												
Apodemus sylvaticus	Wood mouse				18					10			
Clethrionomys glareolus	Bank Vole			15	18								
	Cat												18
31 species													
<b>Flowering plants</b>													

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	Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Acer campestre	Field Maple					19							12
Acer platanoides	Norway Maple					19							
Acer pseudoplatanus	Sycamore		17			10	13		18				
Achillea millefolium	Yarrow	L		12		10			18				19
Aegopodium podagraria	Ground elder		17	12		10	13		18				
Aesculus hippocastanum	Horse chestnut					10	13		18	17			
Aethusa cynapium	Fool's parsley	82					19						
Agrostema githago	Corncockle (Introduced)	16	17				13f		17	14			
Agrostis stolonifera	Bent, creeping						13	10					
Alcea rosea	Hollyhock	82											
Alisma plantago-aquatica	Water plantain					10	13		18				
Alliaria petiolata	Jack by the hedge		17	12	18	10	13		18				
Alnus glutinosa	Alder		17			10	13		18				
Alopecurus pratense	Meadow foxtail	76											
Anagallis arvensis	Scarlet pimpernel						19						
Anemone appenina	Blue anemone												
Anisantha sterilis	Brome, barren					10							
Anthriscus sylvestris	Cow parsley	L	17	12	18	10							19
Apium graveolens	Celery	82											
Apium nodiflorum	Fools watercress		17			12	13			10			
Aquilegia vulgaris	Columbine					10							
Arctium lappa	Burdock	S	17			10			18				19
Arrhenatherum elatius	False Oatgrass		17			10	13						
Artemisia vulgaris	Mugwort								13				
Arum maculatum	Lords and ladies		17	12	18	10	13		18				
Asparagus officinalis	Asparagus						10		18				
Atriplex patula	Orache, common								18				
Atropa belladonna	Nightshade, deadly	16			19	19	13		18	16			19
Ballota nigra	Black horehound							18					
Barbarea vulgaris	Common wintercress			12		11				17			
Bellis perennis	Daisy	L	17	12	18	10	13						19
Berberis vulgaris	Barberry												
Betula pendula	Silver Birch	X											
Betula populifolia	Grey Birch												
Betula pubescens	Downy birch	76											
Borago officinalis	Borage					19				15f			
Brachopodium sylvaticum	False-brome, wood	L	17		18	10	13		18				
Brassica nappa	Oilseed Rape						19f						
Brassica nigra		33											
Bromopsis ramosa	Brome, hairy						10						
Buplerium rotundifolium	Thorrow-wax	I					13f			14			
Buddleia davidii	Buddleia												
Buxus sempervirens	Box												16f
Byronia dioica	Bryony, white					10	13						
Callitriche platycarpa	Water starwort, various leaved												
Callitriche stagnalis	Water starwort			12		10	13						10
Caltha palustris	Marsh marigold		17	12	18	10							
Calystegia sepium	Bindweed, hedge							10		16			
Calystegia sepium roseata	Bindweed, hedge								19	16			
Calystegia silvatica	Bindweed, great						10						
Campanula persicifolia	Peach-leaved Bell-flower						16f						
Capsella bursa-pastoris	Shepherd's purse				18								
Cardamine flexuosa	Bittercress, wavy				18	11							
Cardamine hirsuta	Bittercress, hairy			12	18	10				17			
Cardamine pratensis	Cuckoo flower				17	11							
Carduus crispus	Wetted thistle	33											
Carex acutiformis	Lesser pond sedge			12		10	13						
Carex pendula	Sedge, pendulous	L	17	12	18	10	13		18				19

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	Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<i>Carex remota</i>	Sedge, remote		17		18		15f		18				19
<i>Carex sylvatica</i>	Wood sedge	L	17	12		10							19
<i>Carpinus betulus</i>	Hornbeam												
<i>Castanea sativa</i>	Sweet chestnut					10	13						
<i>Centaurea nigra</i>	Knapweed, black		17	12	18	10	13		18	16			19
<i>Centranthus ruber</i>	Valerian, red												
<i>Cerastium fontanum</i>	Mouse-ear, common			12	18	10	13						
<i>Ceratophyllum demersum</i>	Hornwort, rigid						13		19	10			
<i>Chaerophyllum temulum</i>	Rough chervil					10	13						
<i>Chamaecyparis lawsoniana</i>	Cypress, Lawson's		17		18	10	13		18				
<i>Chamerion angustifolium</i>	Willowherb, rosebay												
<i>Chelidonium majus</i>	Greater Celandine	13							13				
<i>Chenopodium album</i>	Fat hen	82											
<i>Chenopodium rubrum</i>	Red goosefoot												
<i>Chionodoxia forbesii</i>	Glory of the snow												
<i>Circaea lutetiana</i>	Nightshade, enchanter's					10			18				
<i>Cirsium arvense</i>	Thistle, creeping					10	13		18				
<i>Cirsium vulgare</i>	Thistle, spear	S	17	12	18	10	13		18				
<i>Clematis vitalba</i>	Traveller's Joy		17		18	10	13						
<i>Convolvulus arvensis</i>	Bindweed, field						13		18				
<i>Conyza canadensis</i>	Canadian fleabane								19				
<i>Conyza sumatrensis</i>	Guernsey fleabane												19
<i>Cornus sanguinea</i>	Dogwood					10	13						
<i>Corylus avellana</i>	Hazel	P	17	12	18	10	13		18				
<i>Crataegus laevigata</i>	Midland hawthorn	58											
<i>Crataegus monogyna</i>	Hawthorn	S				10	13		18				
<i>Crataegus x media</i>	Hybrid hawthorn					10							
<i>Crepis biennis</i>	Hawksbeard, rough												
<i>Crepis capillaris</i>	Hawksbeard, smooth						13		18	10			
<i>Crepis vesicaria</i>	Hawksbeard, beaked					10							
<i>Crocus tomasinianus</i>	Early Crocus		17f										
<i>Cyclamen hederifolium</i>	Cyclamen		17						18	19			
<i>Cynoglossum officinale</i>	Houndstoungue	16			19		10		18	16			19
<i>Dactylis glomerata</i>	Cocksfoot		17	12	18	10	13		18				
<i>Daphne laureola</i>	Spurge laurel	F	17	12	18	10	13		18	16			19
<i>Daucus carota</i>	Carrot	12					12f		19				
<i>Deschampsia cespitosa</i>	Hair-grass, tufted		17	12		10	13						
<i>Digitalis purpurea</i>	Foxglove												
<i>Dipsacus fullonum</i>	Teasel	S	17	12	18	10	13		18				
<i>Dryopteris boreri</i>	Fern, scaly male	13								13f			
<i>Dryopteris dilatata</i>	Fern, broad buckler	L	17	12		10	13		18				19
<i>Dryopteris filix-mas</i>	Fern, male	L	17	12		10	13		18				19
<i>Potentilla indica</i>	Yellow flowered strawberry		17	12	18	10			18	16			
<i>Elodea nutallii</i>	Nuttall's waterweed							10	19	14			
<i>Elymus caninus</i>	Bearded couch												
<i>Elytrigia repens</i>	Couch grass						10						
<i>Epilobium ciliatum</i>	Willowherb, American								19				
<i>Epilobium hirsutum</i>	Willowherb, greater	L	17			10	13		18		14		
<i>Epilobium montanum</i>	Willowherb, broad-leaved												
<i>Epilobium obscurum</i>	Willowherb, short-fruited												
<i>Epilobium parviflorum</i>	Willowherb, small-flowered (hoary)								17				
<i>Epilobium tetragonum</i>	Willowherb, square-stemmed												
<i>Equisetum arvense</i>	Horsetail					10	13						
<i>Eranthis hyemalis</i>	Aconite, winter		19	12		10							
<i>Erysimum cheiranthoides</i>	Treacle Mustard	I					13f						
<i>Euonymus elator</i>	Spindle / Spindle-tree												
<i>Euonymus europaeus</i>	Spindle / Spindle-tree	X					12		18				

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Eupatorium canabinum	Hemp Agrimony						16f	18	18				
Euphorbia peplus	Spurge, petty		19				15		18				19
Fagus sylvatica	Beech (also copper)		17			10							
Fallopia japonica	Knotweed, Japanese												
Schedenorus arundinaceus	Tall Fescue						13						
Schedenorus giganteus	Giant fescue						13	10	18	19			
Schedenorus pratensis	Fescue, meadow												
Festuca rubra agg.	Fescue, Red					19	13						
Filipendula ulmaria	Meadowsweet										12		
Fragaria sp	Strawberry, alpine												
Fragaria vesca	Strawberry, wild	L			18	10	13		18				
Frangula alnus	Buckthorn, alder												
Fraxinus excelsior	Ash		17			10			18				
Fumaria officinalis	Common fumitory	82					19						
Galanthus elwesii	Snowdrop, greater		19	12									
Galanthus nivalis	Snowdrop		19	12		10							
Galium aparine	Goosegrass	L	17	12	18	10	13						
Galium verum	Bedstraw, ladies					10			18	19			
Geranium columbinum		33											
Geranium dissectum	Cranesbill, cut leaved				18	10	13						
Geranium lucidum	Shining cranesbill					10							
Geranium molle	Cranesbill, dove's foot							10					
Geranium pusillum	Cranesbill, small flowered												
Geranium robertianum	Herb Robert		17		18	10	13		18				15f
Geum urbanum	Herb Bennet	S	17	12	18	10	13		18				19
Glechoma hederacea	Ground ivy	L	17		18	10	13						19
Hedera helix helix	Ivy	L	17		18	10	13		18				19
Hedera helix hibernica	Ivy												
Helianthus annua	Sunflower												
Helleborus foetidus	Hellebore, stinking	19			18	19			18				19
Helleborus orientalis	Hellebore, green		17		18	10			18				19
Heracleum mantegazzianum	Hogweed, giant					10							
Heracleum sphondylium	Hogweed	S	17	12	18	10	13						
Hieracium sabaudum	Hawkweed, leafy												
Hippuris vulgaris	Marestail	33											
Holcus lanatus	Yorkshire Fog					10	13		17				
Hordeum murinum	Wall barley	76											
Humulus lupulus	Hop					12					12	11	
Hyacinthoides hispanicus	Spanish bluebell												
Hyacinthoides non-scriptus	Bluebell												
Hyacinthoides x massartiana	Hybrid bluebell					10							
Hypericum androsaemum	Tutsan		17	12	18	11	13		18				19
Hypericum hircinum	Tutsan, stinking												
Hypericum x inodorum	Tall tutsan												
Iberis umbellatum	Garden candytuft												
Ilex aquifolium	Holly	L	17	12	18	10	13		18				
Inula conyzae	Ploughman's spikenard			12									
Iris foetidissima	Iris, stinking	S	17	12	18	10	13		18				
Iris pseudacorus	Iris, yellow		17		18	10	13		18				
Iris versicolor	Iris, blue						10						
Juglans regia	Walnut					10							
Juncus articulatus	Rush, jointed	L		12		10	13		18				
Juncus inflexus	Rush, hard	L	17	12	18	10	13						
Koeleruteria paniculata	Pride of India												
Laburnum anagyroides	Laburnum					10							
Lactuca serriola	Lettuce, prickly												
Lamarckia aurea	Golden dog's-tail												

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	Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<i>Lamiastrum galeobdolon argentatum</i>	Yellow Archangel		17	12	18	10	13		18				
<i>Lamium album</i>	Dead nettle, white					10			18				
<i>Lamium purpureum</i>	Dead nettle, red												
<i>Lapsana communis</i>	Nipplewort					10	13			17			
<i>Lathyrus pratensis</i>	Vetchling, meadow		19		18	10	13						
<i>Lemna minor</i>	Duckweed						10			17	14		
<i>Lemna minuta</i>	Duckweed					10				17	14		
<i>Scorzonerooides autumnalis</i>	Hawkbit, autumn								18	17			
<i>Leucanthemum vulgare</i>	Ox-eye daisy							18	18				19
<i>Leycesteria formosa</i>	Flowering nutmeg												
<i>Ligustrum ovalifolium</i>	Privet, garden	33											
<i>Ligustrum vulgare</i>	Privet, wild		17	12	18	10	13		18				
<i>Linaria vulgaris</i>	Common toadflax	76											
<i>Lolium perenne</i>	Ryegrass						19						
<i>Lonicera caprifolium</i>	Honeysuckle, perfoliate												
<i>Lonicera periclymenum</i>	Honeysuckle												
<i>Lotus corniculatus</i>	Bird's foot trefoil					10							
<i>Lunaria annua</i>	Honesty	S	17	12		19	13		18				
<i>Lupinus x regalis</i>	Lupin	82											
<i>Lycopus europaeus</i>	Gipsywort	S	17		18	10	13		18				
<i>Mahonia aquifolium</i>	Oregon grape		17	12	18	10			18				19
<i>Malus pumila</i>	Apple	S	17						18			11	
<i>Malus hupensis</i>	Hupeh crab		17			10			18				
<i>Malus sylvestris</i>	Crab apple	S							18				
<i>Marrubium vulgare</i>	White horehound	33											
<i>Matricaria discoidea</i>	Pinapple mayweed	82											
<i>Mecanopsis cambrica</i>	Welsh poppy	79?											
<i>Medicago arabica</i>	Medick, spotted				18	10				17			
<i>Medicago lupulina</i>	Medick, black				18	10	13		18				
<i>Mentha aquatica</i>	Mint, water				18	10	13	18	18				
<i>Morus niger</i>	Mulberry	82											
<i>Myosotis arvensis</i>	Forget me not, field					19	13						
<i>Myosotis scorpioides</i>	Water forget me not		17				10		18				
<i>Myosotis sylvatica</i>	Forget me not, wood				18	19							
<i>Narcissus poeticus</i>	Narcissus				19								
<i>Narcissus pseudonarcissus</i>	Daffodil		17	12	18								
<i>Odontites vernus</i>	Red bartsia	33											
<i>Oenanthe pimpinelloides</i>	Corky-fruited Water-dropwort (Introduced)	16	19	18	18	19	18		17		14f		19
<i>Oenanthe crocata</i>	Hemlock Water-dropwort (Introduced)					19	16f						
<i>Papaver argemone</i>	Prickly poppy	I					13f						
<i>Papaver lecoqii</i>	Babbington's poppy												
<i>Papaver rhoeas</i>	Common poppy						19						
<i>Papaver somniferum</i>	Opium poppy												
<i>Parthenocissus inserta</i>	False Virginia creeper						10						
<i>Pentaglottis sempervirens</i>	Green alkanet	L	17	12	18	19	13		18				19
<i>Persicaria lapathifolia</i>	Pale persicaria							10					
<i>Persicaria maculosa</i>	Redshank												
<i>Phalaris arundinacea</i>	Reed Canary-grass					10							
<i>Phleum bertolonii</i>	Small catstail							10					
<i>Phleum pratense</i>	Timothy	76											
<i>Phragmites australis</i>	Reed, common	L	17	12	18	10	13		18				
<i>Asplenium scolopendrium</i>	Fern, hart's tongue	L	17	12	18	10	13		18				19
<i>Helminthotheca echioides</i>	Prickly oxtongue					10	13		18				
<i>Pinus nigra</i>	Pine, austrian,		17	12		10				19			
<i>Pinus strobus</i>	Weymouth pine	58											
<i>Pinus sylvestris</i>	Pine, scots	P	17	12	18	10			18	19			19
<i>Plantago lanceolata</i>	Plantain, ribwort		17			10							

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	Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Plantago major	Plantain, greater	S			18	10	13		18				
Plantago media	Hoary plantain	82											
Poa annua	Meadow grass, annual					10			18				
Poa pratensis	Meadow grass, smooth												
Poa trivialis	Meadow grass, rough					10	13						
Polygonum arenastrum	Knotgrass, equal-leaved												
Polygonum aviculare	Knotgrass	33					19						
Polystichum setiferum	Fern, soft shield												
Populus nigra	Poplar, Black	P	17	12	18	10	13		18				
Populus nigra var. italica	Poplar, Lombardy												
Populus x canadensis	Poplar, hybrid black					10							
Potentilla anserina	Silverweed	82											
Potentilla reptans	Creeping cinquefoil					10	13		13				
Primula veris	Cowslip			12	18	19	13				10f		
Primula vulgaris	Primrose		19	12	18	19							15f
Prunella vulgaris	Self-heal		17	12	18	10	13		18				19
Prunus avium	Cherry		17		18	10	13		18				
Prunus cerasifera	Cherry plum		17	12		10			18				
Prunus cerasifera 'Atropurpurea'	Pissard's plum				18					16			
Prunus domestica	Wild Plum												
Prunus padus	Bird cherry	37											
Prunus spinosa	Sloe/Blackthorn												19f
Pyrus communis	Pear	76											
Quercus ilex	Evergreen oak									16			
Quercus robur	Oak		17	12	18	10	13		18				
Ranunculus acris	Buttercup, meadow				18	19	13		13				
Ranunculus arvensis	Buttercup, corn					14							
Ranunculus aquatic sp	Water crowfoot	33					Sp						
Ranunculus bulbosus	Buttercup, bulbous					19							
Ficaria verna verna	Lesser celandine		17			10							
Ranunculus lingua	Greater spearwort												
Ranunculus repens	Buttercup, creeping	L			19	10	13						
Ranunculus sceleratus	Buttercup, celery leaved				18	10			18				
Ribes nigrum	Current, black					10							
Ribes rubrum	Current, red					10					17		
Ribes sanguineum	Flowering current		17			10	13						
Ribes uva-crispa	Gooseberry	L		12		10				17		19	
Rorippa microphyllum	Narrow-fruited watercress						13						
Rorippa nasturtium-aquaticum	Watercress					10							
Rosa canina	Rose, Dog		17			10							
Rosa obtusifolia	Round-leaved dog rose									13			
Rosa rugosa	Rose, Japanese					10							
Rosa x dumalis	Hybrid dog rose									13			
Rubus armeniacus	Himalayan Giant	L	17	12		10	13					19	
Rubus fruticosus	Blackberry				18		13		18				
Rubus idaeus	Raspberry					10	13		18	17			
Rubus laciniatus	Cut-leaved bramble	58											
Rubus sp (?nemoralis)	A blackberry												
Rubus sp (?pruinosis)	A blackberry												
Rubus sp (?tuberculatus)	A blackberry												
Rubus vestitus	A blackberry	16					Q				14	19	
Rubus ulmifolius	Elm-leaved blackberry	L	17		18	10			18			19	
Rumex acetosa	Common sorrel					10							
Rumex conglomeratus	Clustered dock	33											
Rumex crispus	Dock, curled												
Rumex obtusifolius	Dock, broad leaved						13f						
Rumex sanguineus	Dock, wood	S	17	12	18	10	13						
Ruscus aculeatus	Butcher's broom		17		18	10	13						



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<i>Sagina procumbens</i>	Procumbent pearlwort	58											
<i>Salix alba</i>	Willow, white	X				10			18				
<i>Salix caprea</i>	Willow, goat		17			10	13		18				
<i>Salix cinerea</i> ssp <i>cinerea</i>	Willow, grey					10							
<i>Salix atrocinerea</i>	Willow, rusty									17f			
<i>Salix fragilis</i>	Willow, crack												
<i>Salix x reichartii</i>	Willow, hybrid										14f		
<i>Salix viminalis</i>	Osier	58											
<i>Sambucus nigra</i>	Elder	X	17		18	19	13		18	19		19	19
<i>Scandex pecten-veneris</i>	Shepherd's Needle (Introduced)	16	17		19	19	13f						
<i>Scilla forbesii</i>	Glory of the Snow			14f									
<i>Scrophularia auriculata</i>	Figwort, water					10	13		18	19			
<i>Senecio erucifolius</i>	Ragwort, hoary				18	10	13		18	19			
<i>Senecio jacobaea</i>	Ragwort				18	10	13		17				19
<i>Senecio squalidus</i>	Oxford Ragwort										11		
<i>Senecio vulgaris</i>	Groundsel								17				19
<i>Silene latifolia</i>	Campion, white								19				
<i>Silene x hampiana</i>	Pink campion						12						
<i>Sinapis arvensis</i>	Charlock						13						
<i>Sison amomum</i>	Parsley, stone	L	17	12	18	10	13		18				
<i>Sisymbrium officinale</i>	Hedge mustard						13		17				
<i>Solanum dulcamara</i>	Bittersweet					10			17				
<i>Solanum nigrum</i>	Nightshade, black										18		
<i>Solidago canadensis</i>	Goldenrod									14f			
<i>Sonchus arvensis</i>	Sow thistle, perennial						10			13			
<i>Sonchus asper</i>	Sow thistle, prickly					10	13		18	17			
<i>Sonchus oleraceus</i>	Sow thistle, smooth						13	10	19				
<i>Sorbus aucuparia</i>	Rowan	P					12		18	17			
<i>Sparganium erectum</i>	Branched bur-reed					10	13						
<i>Stachys sylvatica</i>	Hedge woundwort	L	17		18	10	13		18				
<i>Stellaria media</i>	Chickweed				12								
<i>Stellaria pallida</i>	Chickweed, lesser			12									
<i>Symphoricarpos albus</i>	Snowberry		17			10	13						
<i>Symphytum grandiflorum</i>	Comfrey, creeping		17		18	10							
<i>Symphytum orientale</i>	Comfrey, white			12	18	10							
<i>Symphytum x uplandicum</i>	Comfrey, russian						10						
<i>Syringa vulgaris</i>	Lilac	58											
<i>Tamus communis</i>	Bryony, black						10						
<i>Tanacetum parthenium</i>	Feverfew												
<i>Taraxacum</i> agg.	Dandelion	L	17	12	18	10							
<i>Taxus baccata</i>	Yew	L	17	12	18	10	13		18				19
<i>Tilia</i> sp	Lime												
<i>Torilis japonica</i>	Parsley, upright hedge	S					13		18		10		
<i>Tragopogon pratensis</i>	Goatsbeard	82					12						
<i>Trifolium campestre</i>	Hop Trefoil						16f						
<i>Trifolium dubium</i>	Trefoil, lesser												
<i>Trifolium pratense</i>	Clover, red	L				10	16		18			11	15
<i>Trifolium repens</i>	Clover, white					10	16						
<i>Triticum aestivum</i>	Wheat										12		
<i>Tussilago farfara</i>	Coltsfoot			12		10	13						
<i>Typha angustifolia</i>	Lesser bulrush												
<i>Typha latifolia</i>	Bulrush		17	12						10			
<i>Typha x glauca</i>	Hybrid bulrush			12					18			11	
<i>Ulmus glabra</i>	Wych elm	76											
<i>Ulmus procera</i>	Elm						13		18	17			
<i>Ulmus x vegeta</i>	Huntingdon Elm						13f						
<i>Urtica dioica</i>	Nettle	L	17	12	18	10	13		18				19
<i>Urtica urens</i>	Small nettle	82											

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Veronica anagallis-aquatica	Speedwell, water												
Veronica arvensis	Speedwell, wall				19		13						
Veronica beccabunga	Brooklime						13		18				
Veronica catenata	Speedwell, pink water						19	10					
Veronica chamaedrys	Speedwell, germander			12		10	13		18				
Veronica filliformis	Slender speedwell			12		10			18				
Veronica hederiflora	Speedwell, lilac ivy leaved		17	14	18								
Veronica persica	Speedwell, common field												
Veronica serpyllifolia	Speedwell, thyme-leaved		17	12	18	10	13		18				
Viburnum lantana	Wayfaring tree												
Viburnum opulus	Guelder rose		17			10	13		18				
Vicia cracca	Tufted vetch	82											
Vicia parviflora	Slender tare	82											
Vicia sativa	Common vetch						15						
Vicia sepium		33											
Vinca major	Periwinkle, greater												15
Viola odorata	Violet, sweet			11		10							
Viola odorata var odorata	Violet, sweet			12	18								
Viola odorata var dumetorum	Violet, sweet			12	18								
Viola reichenbachiana	Violet, wood dog			11	18								
Viola riviniana	Violet, common dog					10			18				
Viscum album	Mistletoe	L	17	12	18	10	19		18				19
Vitis coignetiae	Vine, crimson glory												
Luzula campestris	Field Wood-rush				17f								
Allium paradoxum	Few-flowered Garlic				17f								
Lonicera nitida	Wilson's Honeysuckle									17f			
Agrimonia eupatoria	Agrimony								18	17f			
Orobanche hederaceae	Ivy Broomrape									17f			
Euphorbia exigua	Dwarf Spurge							18f					
Asplenium trichomanes	Maidenhair Spleenwort	19	19		19								18
Fargesia spathacea	Chinese Fountain-bamboo	19	19										
Malva moschata	Musk-mallow (Introduced)		19										19
Chara virgata	Delicate Stonewort				19f								
Anthoxanthemum odoratum	Sweet Vernal-grass (Introduced)					19f							
Silene coronaria	Rose Campion					19f							
Silene dioica	Red Campion					19		14					
Poa angustifolia	Meadow grass, narrow-leaved					19f							
Agrostis capillaris	Common Bent								19f				
Potamogeton pusillus	Lesser Pondweed								19f				
Picris hieracoides	Hawkweed Oxtongue								19f				
Poterium sanguisorba	Salad Burnet												19
294 Plant species													
	<b>Fungi &amp; algae</b>												
	Hogweed mildew												
???	Myxomycete								18		14	14	
Agaricus arvensis	Horse mushroom											19	
Agaricus sylvaticus	Bleeding brown mushroom									15		19	
Agaricus xanthodermus	Yellow Stainer										14f		
Ascocoryne sarcoides	Purple Jellydisc "Mouse guts"											14f	
Auricularia auricula-judae	Jew's ear												19
Auricularia mesenterica	Tripe fungus												
Bisporella citrina	Lemon discs	17											
Bjerkandera adusta	Smoky bracket												

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	Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Bolbitius vitellinus	Yellow fieldcap										14		
Boletus chrysenteron	Red cracking bolete												
Byssomerulius corium	Netted crust												
Chondrostereum purpureum	Silverleaf fungus												
Clitocybe geotropa	Trooping funnel									15			
Clitocybe gibba	Common funnel												
Clitocybe hydrogramma	Stinking funnel										Sp		
Clitopilus prunulus cf	The Miller										14f		
Collybia butyracea	Greasy tough shank (Buttercap)									Sp			
Collybia peronata	Wood woolly foot												
Coniophora puteana	Wet rot												
Coprinus atramentarius	Common Inkcap												
Coprinus comatus	Lawyers Wig										14f		
Coprinus disseminatus	Fairy inkcap									10		10	
Coprinus micaceus	Glistening ink cap									10	14		
Crepidotus variabilis	Variable oysterling										14		14
Cudoniella acicularis	Oak pin												
Cylindrobasidium laeve													
Dacrymyces stillatus	Common jellyspot												
Datronia mollis	Common mazegill												
Desmococcus sp	Green alga												
Enteridium lycoperdon	Myxomycete												
Exidia nucleata	Crystal brain												
Exidia recisa	"Mouse guts"										14f		
Fistulina hepatica	Beefsteak fungus	F				12							
Flammulina velutipes	Velvet shank												
Fuligo septica	Flowers of Tan									15			
Ganoderma applanatum	Artist's fungus									10		19	
Ganoderma australe	Southern bracket										14		
Geastrum triplex	Collared earthstar												
Hebeloma crustiforme	Poisonpie										14f		
Hebeloma saccariolens	Sweep poisonpie	72									Sp		
Hebeloma sinapizans	Bitter poisonpie									10			
Helvella leucomeleana	A saddle fungus												
Hyphodontia sambuci	Elder whitewash											19	16
Hypholoma fasciculare	Sulphur tuft				17					10	14		19
Incrustoporia semipileata													
Inocybe longicystis	Inocybe										Sp		
Inocybe rimosa	Split fibrecap	72											
Inonotus hispidus	Shaggy bracket									10			
Kuehneromyces mutabilis	Brown stew fungus												
Lacrymaria lacrymabunda	Weeping widow												
Lactarius deterrimus	False saffron milkcap									10			
Lactarius semisanguifluus cf	milkcap									15			
Laetiporus sulphureus	Chicken of the woods	F				11			13	14	14		
Lasiothraea ovina													
Leotia lubrica	Jelly babies												
Lepiota aspera	Freckled dapperling									Q		19	
Lepiota cristata cf	Stinking parasol									15			
Lepista nuda	Wood blewit										14		
Leucoagaricus ionidicolor	A rare dapperling									10			
Lycogala epidendrum	Wolf's milk												
Macrolepiota rhacodes	Shaggy parasol									10			
Mycena acicula cf	bonnet									15f			
Mycena adscendens	Frosty bonnet												
Mycena clavularis	Disc bonnet										10		
Mycena filopes	Iodene bonnet										Sp		

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	Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mycena galopus	Milking bonnet												
Naucoria escharioides	Ochre aldercap												
Nectria cinnabarina	Coral spot									10			
Peniophora quercina													
Peziza repanda	Palamino cup												
Peziza vesiculosa	Blistered cup												
Phellinus ferruginosus	Rusty porecrust												
Pholiota squarrosa	Shaggy pholiota												
Physarum sp	Myxomycete												
Pluteus cervinus	Deer shield	72									Sp		
Pluteus chrysophaeus	Yellow shield									15			
Pluteus salicinus	Willow shield									15	14f		
Polyporus badius	Polypore									10			
Polyporus leptoccephalus	Blackfoot polypore												
Postia caesia	Conifer blueing bracket												
Psathyrella microrhiza	Crumble cap												
Rhodotus palmatus	Wrinkled peach fungus												
Rhytisma acerinum	Sycamore tar spot											19	
Russula brunneoviolacea													
Scutellinia scutellata	Eyelash fungus												15
Spirogyra sp	Filamentary alga												
Stereum hirsutum	Hairy curtain crust									10			
Stropharia aeruginosa	Verdigris Agaric										14f		
Stropharia aurantiaca	Redlead roundhead									10			
Tephroclype atrata	Bonfire greyling												
Trametes gibbosa	Lumpy bracket									10			
Trametes versicolor	Many-zoned polypore									10		10	
Tremella mesenterica	Brain fungus												
Tricholoma portentosum	Yellow-grey knight										Sp		
Tricholoma scalpturatum	Yellowing knight	72											
Tricholoma terreum	Grey knight									10			
Tricholoma virgatum cf	Ashen knight									15	14f		
Tubifera ferruginosa	A myxomycete									10			
Vascellum pratense	Puffball												
Xerula radicata	Rooting Shank									15			
Xylaria hypoxylon	Candle snuff										10	19	19
Xylaria polymorpha	Dead men's fingers												
Ramaria ochraceovirens cf	A coral fungus									15			
	A Bolete									16			
Anthracobia macrocystis cf	A disc fungus				17f								
Xanthophyllumyces dendrorhous	A yeast in "Stump slime"				17f								
Cryptococcus macerans	A yeast in "Stump slime"				17f								
Geastrum pectinatum	An Earthstar								18	19			
Geastrum fimbriatum	An Earthstar								18				
Pluteus aurantiorugosus	A Shield								18f				
Mucilago crustacea	"Dog's Vomit" myxomycete											19f	
Mycena galericulata	Common Bonnet											19f	
78 species													
	<b>Liverworts</b>												
Aneura pinguis	Greaswort	73											
Lophocolea bidentata	Bifid Crestwort		19	18						17	17	19	94
Lophocolea heterophylla	Variable-leaved Crestwort	10	17	18		10					12	10	14
Lunularia cruciata	Liverwort												15
Marchantia polymorpha	Star-headed liverwort												
Metzgeria furcata	Forked Veilwort	19	19	18							12	14	19
Pelia endiviifolia	Endive pellia	10		11		10						14	

## The Bird Sanctuary - Species list

	Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Radula complanata	Even Scalewort												19
Frullania dilatata			19f										
Cololejeunea minutissima													19f
8 species													
	<b>Mosses</b>												
Amblystegium serpens	Creeping feather moss		19										
Aphanorhegma patens													
Aulacomnium androgynum													
Barbula convoluta													
Barbula unguiculata													
Brachythecium rutabulum	Rough-stalked feather moss												
Brachythecium velutinum	Velvet feather moss												
Bryum argenteum													
Bryum capillare				18									
Bryum dichotomum	Bicoloured bryum												
Bryum imbricatum	Small-mouthed Thread-moss												
Bryum rubens													
Bryum ruderale													
Calliergonella cuspidata													
Campylopus introflexus													
Ceratodon purpureus													
Cirriphyllum piliferum													
Cratoneuron filicinum													
Dicranella varia													
Dicranoweisia cirrata													
Didymodon luridus													
Didymodon tophaceus													
Drepanocladus aduncus													
Eurhynchium hians													
Eurhynchium praelongum													
Fissidens adianthoides	Pocket moss												
Fissidens incurvus													
Fissidens taxifolius	Common pocket moss												10
Fissidens viridulus													
Funaria hygrometrica													
Grimmia pulvinata	Grey cushion moss												
Hedwigia stellata													
Hypnum cupressiforme													
Leptobryum pyriforme													
Leptodictyum riparium													
Microbryum davallianum													
Mnium hornum	Swan's neck thyme moss												
Orthotrichum affine				12									10
Orthotrichum diaphanum													10
Plagiomnium affine													
Plagiomnium undulatum	Palm-tree moss												
Pohlia melanodon													
Polytrichum longisetum													
Rhynchostegiella tenella													
Rhynchostegium confertum	Clustered feather moss												
Rhynchostegium murale													
Rhynchostegium riparioides													
Rhytidiadelphus squarrosus		17											
Syntrichia laevipila													
Syntrichia latifolia													

## The Bird Sanctuary - Species list

	Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Syntrichia ruralis													
Thamnobryum alopecurum													
Tortula acaulon													
Tortula muralis	Wall screw moss												
Zygodon conoideus													
Phascum cuspidatum		56											
Pottia davalliana		56											
Physcomitrella patens		56											
Cryphaea heteromalla													19f
55 species													
	<b>Lichens</b>												
Candelariella aurella	Crustose lichen												
Evernia prunastri	Fruticose lichen												
Hypogymnia physodes	Foliose lichen												
Lecanora calcarea	Crustose lichen												
Lecanora chlarotera	Crustose lichen												
Lecanora conizaeoides	Crustose lichen												
Lecanora dispersa	Crustose lichen												
Lepraria incana	Crustose lichen												
Parmelia caperata	Foliose lichen												
Physcia ascendens	Foliose lichen												
Physcia tenella	Foliose lichen												
Physcia aipolia	Foliose lichen												
Punctelia subrudecta	Foliose lichen												
Scoliosporum chlorococcum	Crustose lichen												
Xanthoria parietina	Orange foliose lichen												
Xanthoria polycarpa	Orange foliose lichen												
Cladonia													14f
16 species													
	<b>Invertebrates</b>												
	<b>Dragon &amp; Damselflies</b>												
Aeshna cyanea	Southern hawker								12				
Aeshna grandis	Brown hawker							10	17?	11			
Aeshna juncea	Common hawker									12	12		
Aeshna mixta	Migrant hawker									17	14		
Anax imperator	Emperor dragonfly						10						
Calopteryx splendens	Banded Demoiselle						12						
Coenagrion puella	Damselfly, azure					11	18	13					
Coenagrion pulchellum	Damselfly, variable					11							
Enallagma cyathigerum	Damselfly, common					11	12						
Ischnura elegans	Damselfly, blue tailed					11	12	13	12				
Libellula depressa	Broad-bodied chaser						12						
Libellula quadrimaculata	Four-spotted chaser	95					19						
Orthetrum cancellatum	Blacktailed skimmer	95					18	18					
Pyrrosoma nymphula	Damselfly, large red					11	18	13					
Sympetrum sanguineum	Ruddy darter								13	12	13		
Sympetrum striolatum	Common darter							18	19	19	17		
	Willow Emerald								19				
16 species													
	<b>Butterflies &amp; Moths</b>												
Agriphila straminella							12						
Archips podana							12						
Blastobasis lacticolella							12						

## The Bird Sanctuary - Species list

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Carcina quercana						12						
Celypha lacunana						12						
Chilo phragmitella						12						
Chysoteuchia culmella												
Clepsia consimilana						12						
Crambus pascuella						12						
Dipleurina lacustrata												
Endothenia gentianaana												
Ephestia unicolora ssp woodiella						12						
Epinotia bilunana						12						
Eucosma cana												
Gypsonoma dealbana						12						
Gypsonoma sociana						12						
Lozotaeniodes formosana						12						
Orthopygia glaucinalis												
Pandemis corylana												
Pandemis heparana												
Phtheochroa rugosana												
Phycita roborella												
Pseudargyrotoza conwagana						12						
Schoenobius gigantella												
Scoparia pyralella												
Scoparia subfusca						12						
Udea olivalis						12						
	Barred Fruit-tree Tortrix					12						
Cidaria fulvata	Barred Yellow											
	Beautiful Hooktip					12						
Aphomia sociella	Bee Moth					12						
Timandra comae	Blood-vein							10				
Plemyria rubiginata rubiginata	Blue-bordered Carpet											
Bupalus piniaria	Bordered White					12						
Notocelia uddmanniana	Bramble Shoot Moth											
Lacanobia oleracea	Bright-line Brown-eye											
Gonepteryx rhamni	Brimstone	11	17	19	19	17	14			17		
Opisthograptis luteolata	Brimstone Moth					12	10					
Plebeius agestis	Brown Argus						17f					
Rusina ferruginea	Brown Rustic					12						
Habrosyne pyritoides	Buff Arches											
Eilema depressa	Buff Footman											
Diachrysis chrysis	Burnished Brass											
Lomaspilis marginata	Clouded Border					12						
	Clouded Brindle					12						
Lomographa temerata	Clouded Silver					12						
Polygonum c-album	Comma	15	17	19	18	17	18	19	15	12		
Polyommatus icarus	Common Blue											
Hemithea aestivaria	Common Emerald											
Eilema lurideola	Common Footman											
	Common Marbled Carpet					12						
Hepialus lupulinus	Common Swift					12						
Mythimna pallens	Common Wainscot											
Cabera exanthemata	Common Wave											
Amphiphyra pyramidea	Copper underwing moth							10				
Earias clorana	Cream-bordered Green Pea											
	Cyclamen Tortrix					12						
Apamea monoglypha	Dark Arches					12						
Plutella xylostella	Diamond-back Moth											
Parastichtis ypsilon	Dingy Shears											

## The Bird Sanctuary - Species list

	Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Xestia triangulum	Double Square-spot						12						
	Dun-bar						12						
Deilephila elpenor	Elephant Hawkmoth												
Thymelicus lineola	Essex Skipper						17f	17s					
Zanclognatha tarsipennalis	Fan-foot												
	Fern						12						
Diloba caeruleocephala	Figure of Eight												
Axylia putris	Flame												
Ochropleura plectra	Flame Shoulder												
Pyronia tithonus	Gatekeeper						11	18	19				
Hepialus humuli humuli	Ghost Moth						12						
	Gold Triangle												
Tortrix viridana	Green Oak Tortrix						12						
Pasiphila rectangulata	Green Pug						12						
Artogeia napi	Green veined white				19	19	19	19	15	14	12		
	Grey Dagger						12						
Thera obeliscata	Grey Pine Carpet												
	Grey Tortrix												
Agrotis exclamationis	Heart and Dart						12						
Celastrina argiolus	Holly blue				19	19	13	18	19	15	11		
Diarsia mendica mendica	Ingrailed Clay						12						
	Iris caterpillar												
Notodonta dromedarius	Iron Prominent												
Achips podana	Large Fruit-tree Tortrix						12						
Apamea anceps	Large Nutmeg												
Ochlodes venata	Large skipper						18	15					
Pieris brassicae	Large White					17	18	19	13	12			
Zeuzera pyrina	Leopard Moth												
Apamea lithoxyloa	Light Arches						12						
Campaea margaritata	Light emerald												
Ptilodon cucullina	Maple Prominent												
Oligia strigilis	Marbled Minor						12						
	Marbled White Spot						12						
Hydriomena impluviata	May Highflyer												
Maniola jurtina	Meadow Brown						19	18	15				
Oligia fasciuncula	Middle Barred Minor												
Nemotois degeerella	Moth												
Alcis repandata repandata	Mottled Beauty						12						
Eupithecia exiguata	Mottled Pug						12						
exiguata													
Caradrina morpheus	Mottled Rustic												
Discestra trifolii	Nutmeg						12						
Stigmella ruficapitella	Oak mine moth												
Anthocharis cardamines	Orange tip				19	19	13	18					
Paradrina clavipalpis	Pale Mottled Willow												
Pterostoma palpina	Pale Prominent						12						
Inachis io	Peacock			17	18	16		19	14	13			
Biston betularia	Peppered Moth						12						
Emmelina monodactyla	Plume moth												
Acronicta megacephala	Poplar Grey												
Laothoe populi	Poplar Hawkmoth												
Sphinx ligustri	Privet Hawkmoth												
Vanessa atalanta	Red Admiral			12	19	17	18	17	19	19	14	11	
	Red-barred Tortrix						12						
Idaea aversata	Riband Wave						12						
Aphantopus hyperantus	Ringlet						19	18	19				
Hoplodrina blanda	Rustic												
Apamea sordens	Rustic Shoulder Knot												
Eilema complana	Scarce Footman												
Plagodis dolabraria	Scorched Wing												





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	Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	<i>Conops quadrifasciata</i>												
	<i>Ptychoptera contaminata</i>						12						
	<i>Tipula paudosa</i>												
	<i>Daphnia magna</i>												
	<i>Lumbricus rubellus</i>												
	<i>Lumbricus terrestris</i>												
	<i>Forficula auricularia</i>			12			12						
	<i>Tetraneura ulmi</i>												
	<i>Aceria ulmicola</i>												
							12						
							12						
	Sp												
	<i>Philaenus spumarius</i>												
	<i>Chorthippus brunneus</i>												
	<i>Tetrix undulata</i>								18				
	<i>Tetrix subulata</i>												
	<i>Vespa crambo</i>								19				
	<i>Eristalis pertinax</i>						12						
	<i>Helophilus pendulus</i>										11		
	<i>Volucella pelicens</i>						12						
	<i>Episyrrhus balteatus</i>						12	10			11		
	<i>Andricus quercuscalicis</i>												
							12						
	<i>Propylea 14-punctata</i>	F				12							
	<i>Coccinella 7-punctata</i>	19	19	12	19		12		18	10		10	
	<i>Harmonia axyridis</i>					19	12						
	<i>Adalia bipunctata</i>												
									13				
								18					
										14f			
	<i>Eupterycyba jucunda</i>						12						
	<i>Phytocia cylindrica</i>						12						
	<i>Cylindroides punctatus</i>												
	<i>Neuroterus quercus-baccarum</i>												
	<i>Gerris lacustris</i>			12									
							12						
	Sp												
	<i>Panorpa communis</i>						12						
	<i>Acanthosoma haemorrhoidale</i>											10	
	<i>Eysarcoris fabricii</i>												
							12						
							12						
	<i>Deroceras agreste</i>												
	<i>Deroceras laeve</i>										14f		
	<i>Deroceras reticulatum</i>										14		
	<i>Arion ater</i>										14		
	<i>Arion hortensis</i>										14f		
	<i>Limax maximus</i>												
	<i>Limax flavus</i>												
	<i>Limax cinereo-niger</i>										14f		
	<i>Columella edentula</i>												
	<i>Oxyloma pfeifferi</i>						12						
	<i>Trichia striolata</i>						12						
	<i>Cepaea nemoralis</i>						11				14		
	<i>Helix aspersa</i>												
	<i>Aegopinella nitidula</i>										14f		
	<i>Vertigo sp.</i>										14f		
	<i>Oxychilus draparnaudi</i>										14f		

## The Bird Sanctuary - Species list

	Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	<i>Discus rotundatus</i>												
	<i>Lymnaea peregra</i>												
	<i>Cepaea hortensis</i>												
	<i>Jaapiella veronicae</i>												
	<i>Tibellus oblongus</i>												
	<i>Zygiella atrica</i>												
	<i>Tetragnatha extensa</i>						12						
	<i>Araniella cucurbitina</i>						12						
	<i>Lycosa sp</i>												
	<i>Salticus scenicus</i>												
	<i>Isotoma sp</i>												
	<i>Orchesella cincta</i>												
	<i>Sminthurus fuscus</i>												
	<i>Dorcus parallelepipedus</i>						12						
	<i>Anodonta cygnea</i>												
	<i>Aculodes cephaloneus</i>												
	<i>Vespa vulgaris</i>							10		16			
	<i>Vespa germanica</i>										11		
	<i>Agabus bipustulatus</i>												
	<i>Hyphydrus ovatus</i>												
	<i>Hydrometra stagnorum</i>			14									
	<i>Nepa cinerea</i>			14						15			
	<i>Asellus aquaticus</i>			11									
	<i>Gyrinus substriatus</i>												
	<i>Phyllocolpa coriacea</i>												
	<i>Pocellio spinicornis</i>						12						
	<i>Oniscus asellus</i>												
	<i>Armadillidium vulgare</i>						12						
	<i>Scathophaga stercoraria</i>			11									
	<i>Taxomyia taxi</i>												14
	<i>Phytomyza ilicis</i>												14
	<i>Aproceros leucopoda</i>								18f				
	<i>Sirex noctilio</i>								19f				
	<i>Notonecta glauca</i>									19f			
	102 species												
	Note: Peter Kirby found over 1600 invertebrates in the Sanctuary in 2014.												