

Orchids and other Wildlife of the Chilterns

Naturetrek Tour Report

6th – 8th May 2025



Early Marsh Orchid



Green-winged Orchids



Sun halo



Military Orchid

Tour report by Bruce Middleton



Naturetrek

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Summary

We had sunshine for most of the time, and the weather remained dry throughout. There were plenty of plants to see and enjoy. Highlights of our forays included orchids such as Early Marsh, hybrid Lady x Monkey, Monkey, Military, Fly, Common Spotted, Twayblade, Greater Butterfly, Early Purple and White Helleborine. Then there were the other flowers such as Rock-rose, Dragons-tooth and Clustered Bellflower. There were a few birds to see such as Cuckoo, Common Tern, Lapwing and Gadwall. Then, when the sun was out, we saw butterflies including Orange-tip, Dingy and Grizzled Skippers, Common, Chalkhill and Little Blue, and Green Hairstreak. The highlights of the tour included seeing the numerous Pasqueflowers at Knocking Hoe, and visiting the breathtaking Bernwood Meadow with its thousands of Green-winged Orchids. Also, we saw numerous Red Kites wherever we went.

Day 1

Tuesday 6th May

Dry with some warm sunshine at times

The tour began when we met at the reception of the Mercure Thame Lambert Hotel in the morning. Some had stayed at the hotel the night before, and others had travelled there in the morning. After introductions, we set off to the Tottern Hoe Wildlife Trust Reserve. We made a quick stop in Chinnor to buy packed lunches. On the way to the reserve we saw a number of Red Kites, and some of us saw a Roe Deer in a field. At Tottern Hoe, we made our way up towards an old fort site, which had numerous Cowslips *Primula veris* all over it; there were also some Twayblades *Listera ovata* just coming out next to them, and there were leaves of Common Spotted Orchid *Dactylorhiza fuchsii* too. On the south face of the fort was lots of yellow-flowered Horseshoe Vetch *Hippocrepis comosa*. A Chiffchaff sang, and some of us saw a very vocal Blackcap. The sun brought out a few butterflies, including Peacock, Brimstone, Orange-tip, and Holly Blue. We made our way back to the vehicles and sat out in the sun to have our lunch.

After lunch, we set off to our next destination, on the other side of Luton. Once parked, we made our way onto the chalk grassland of the National Nature Reserve at Knocking Hoe. It was not long before some of us heard and saw our first Skylarks flying above our heads. There was also a scratchy-sounding Whitethroat making a lot of noise; he could be seen flying back and forth in the hedge. As we approached the reserve, we found a White Helleborine *Cephalanthera damasonium*, but it was not quite out. Beside a dew pond we found the leaves of Common Spotted Orchid *Dactylorhiza fuchsii* and Twayblade *Listera ovata*. As we ventured further, we found numerous Pasqueflowers *Pulsatilla vulgaris*, and one tiny Clustered Bellflower *Campanula glomerata*. We also found some Rock-roses *Helianthemum nummularium* just coming into flower. We made our way to a hill, where we found a few tiny Burnt Orchids *Neotinea ustulata*, but sadly they had not really come into flower yet. We also found Field Fleawort *Tephrosia integrifolia* just coming into flower. It was time to get back to the vehicles and head to the hotel.

Once back at the hotel we had a short moment to freshen up, before sitting down to eat and drink; then, for those that wanted to, we went through the list of species we had found during the day.

Day 2

Wednesday 7th May

Sunny all day

After breakfast we set off to Goring and, on the way, we saw many Red Kites flying overhead. We saw twelve gathering like vultures above a dead Badger on the side of the road. We parked at Goring and bought a packed lunch in the village stores near there. Today we saw a strange phenomenon in the sky: there was a double circular rainbow going completely around the sun. This phenomenon is known as a sun halo, and is rather rare. They are formed by hexagonal ice crystals refracting light at 22° from the sun. The prism effect is such that the rainbow colours go from red on the inside to violet on the outside, unusually.

We set off towards the Hartslock Reserve, but we also had a quick peek at the River Thames first. We saw Banded Demoiselle and a Mayfly, plus Summer Snowflake *Leucojum aestivum* (locally known as the Loddon Lily), Greater Pond Sedge *Carex riparia*, Lesser Pond Sedge *Carex acutiformis* and Greater Reedmace *Typha latifolia*. We left the Thames and made our way up onto the reserve, noticing some King Alfred's Cake fungus en route. Then we made our way up to the fenced off reserve. Here, we found an area that had been taped off, which had a large number of hybrid Lady x Monkey Orchids *Orchis purpurea x simia*, which were very colourful. We did see an apparently pure Lady orchid, as well as the famous Monkey Orchids *Orchis simia* themselves, plus some White Helleborines *Cephalanthera damasonium*.

As we moved further into the reserve, we found both Chalk *Polygala calcarea* and Common Milkwort *Polygala vulgaris*. There were a few butterflies, such as Brimstone, Dingy Skipper, Green Hairstreak and Small Heath butterflies. There was a small area of Pasqueflowers *Pulsatilla vulgaris* as well, which had pretty much gone over. We picked a lovely viewpoint looking down at the river below, and sat and just soaked up the glorious warm sunshine. On our way back towards Goring, we heard and saw Blackcap, and some of us heard Garden Warbler and Cuckoo. Then we set off to Homefield Wood.

On arrival, it was not long before we saw our first Military Orchid *Orchis militaris*. It was a bit early for them, so most had not really come out; however, by the time we had fully explored the site, we had found a few that were nearly fully in bloom. We also found a number of Fly Orchids *Ophrys insectifera* in flower, and some White Helleborines *Cephalanthera damasonium*. We also saw Twayblade *Listera ovata*, the leaves of Common Spotted Orchid *Dactylorhiza fuchsii*, Greater Butterfly Orchid *Platanthera chlorantha* (almost out), as well as Broad-leaved Helleborine *Epipactis helleborine*. The butterflies were out and about, and we saw Brimstone, Orange-tip, Peacock, Comma, and more beautiful Green Hairstreaks. The interesting Narrow-bordered Bee Hawk-moth was also seen. On our return drive back to the hotel, we saw a number of woods awash with native Bluebells *Hyacinthoides non-scripta*, and we drove through some very pretty villages. On our return we freshened up before going through the list of species we had discovered throughout the day, and then having another pleasant evening meal.

Day 3

Thursday 8th May

Mainly cloudy with a little sunshine, but colder than the day before

After breakfast, we set off to Aston Rowant National Nature Reserve, which was not too far from the hotel. We made our way through a small area of woodland where we saw Sweet Woodruff *Galium odoratum* and then out onto

an area of chalk grassland with lovely views of the Chilterns. It was not long before we came across a delightful clump of Early Purple Orchids *Orchis mascula*. We also spotted a herd of Fallow Deer; it started as just a few on the edge of a field, but more and more of them came out of a woodland, until there was nearly a hundred of them.

Then we set off to College Lake near Tring. This wonderful site is managed by the Berks, Bucks and Oxon Wildlife Trusts. It was a gravel pit (mammoth tusks and other prehistoric remains were found there when it was active), but it now holds water and is host to a number of wetland birds. There are a number of hides elevated above the wet areas, making it easy to observe the birds. We saw numerous birds including Redshank, Northern Lapwing, Gadwall, Common Tern and Greylag Goose.

There was an area dedicated to propagating rare arable flowers from around the country. The project started on this site because a large number of these species were here in the first place; over the years other species have been grown here too. The season was behind but we did see Corn Buttercup *Ranunculus arvensis*, Corn Gromwell *Lithospermum arvense*, Shepherd's Needle *Scandix pecten-veneris*, Field Penny-cress *Thlaspi arvense*, Interrupted Brome *Bromus interruptus*, and other plants that were still to come out, including Thorowax *Bupleurum falcatum*, and Field Cow-wheat *Melampyrum arvense*. Other plants of interest we found on the site were Dragon's-tooth *Lotus maritimus*, White Helleborine *Cephalanthera damasonium*, this time fully in flower, Twayblade *Listera ovata* and the leaves of Common Spotted Orchid *Dactylorhiza fuchsii*. We then made our way to the café/shop for lunch.

After a pleasant rest, we set off to Bernwood Meadows. When we pulled up at the entrance, all we could see was a mass of purple pink: thousands of Green-winged Orchids *Anacamptis morio*. Because there are so many of these orchids here, there is a good variety of the same species to see, with salmon-pink ones, white ones, purple ones and even two-toned pink and white ones. There were masses of Adder's-tongue ferns *Ophioglossum vulgatum* to see as well. We were also very lucky to find a salmon-pink coloured Early Marsh Orchid *Dactylorhiza incarnata* out as well. It seemed a shame that we had to leave such a wonderful site, but the tour had to come to an end.

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Species lists

Birds (H = Heard only)

Common name	Scientific name	May 2025		
		6	7	8
Canada Goose	<i>Branta canadensis</i>			✓
Emperor Goose	<i>Anser canagicus</i>			✓
Greylag Goose	<i>Anser anser</i>			✓
Mute Swan	<i>Cygnus olor</i>			✓
Egyptian Goose	<i>Alopochen aegyptiaca</i>		✓	
Gadwall	<i>Mareca strepera</i>			✓
Mallard	<i>Anas platyrhynchos</i>	✓	✓	✓
Tufted Duck	<i>Aythya fuligula</i>			✓
Common Pheasant	<i>Phasianus colchicus</i>		✓	✓
Red-legged Partridge	<i>Alectoris rufa</i>		✓	
Common Swift	<i>Apus apus</i>	✓	✓	
Common Cuckoo	<i>Cuculus canorus</i>	✓	H	H
Rock Dove/ Feral Pigeon	<i>Columba livia</i>			✓
Common Wood Pigeon	<i>Columba palumbus</i>	✓	✓	✓
Eurasian Collared Dove	<i>Streptopelia decaocto</i>	✓	✓	✓
Common Moorhen	<i>Gallinula chloropus</i>			✓
Eurasian Coot	<i>Fulica atra</i>		H	✓
Eurasian Oystercatcher	<i>Haematopus ostralegus</i>			✓
Northern Lapwing	<i>Vanellus vanellus</i>			✓
Eurasian Curlew	<i>Numenius arquata</i>			✓
Common Sandpiper	<i>Actitis hypoleucos</i>			✓
Common Redshank	<i>Tringa totanus</i>			✓
Common Tern	<i>Sterna hirundo</i>	✓		✓
Black-headed Gull	<i>Chroicocephalus ridibundus</i>			✓
European Herring Gull	<i>Larus argentatus</i>	✓		
Lesser Black-backed Gull	<i>Larus fuscus</i>	✓		
Red Kite	<i>Milvus milvus</i>	✓	✓	✓
Common Buzzard	<i>Buteo buteo</i>		✓	✓
European Green Woodpecker	<i>Picus viridis</i>	✓	H	H
Common Kestrel	<i>Falco tinnunculus</i>	✓	✓	✓
Eurasian Magpie	<i>Pica pica</i>	✓	✓	✓
Western Jackdaw	<i>Coloeus monedula</i>	✓	✓	✓
Rook	<i>Corvus frugilegus</i>	✓	✓	
Carrion Crow	<i>Corvus corone</i>	✓	✓	✓
Northern Raven	<i>Corvus corax</i>	H	✓	
Eurasian Blue Tit	<i>Cyanistes caeruleus</i>	H		✓
Great Tit	<i>Parus major</i>	✓	✓	✓
Eurasian Skylark	<i>Alauda arvensis</i>	✓	✓	✓
Barn Swallow	<i>Hirundo rustica</i>	✓	✓	✓
Cetti's Warbler	<i>Cettia cetti</i>			H
Long-tailed Tit	<i>Aegithalos caudatus</i>		✓	
Willow Warbler	<i>Phylloscopus trochilus</i>			✓
Common Chiffchaff	<i>Phylloscopus collybita</i>	H	H	✓
Common Reed Warbler	<i>Acrocephalus scirpaceus</i>			H
Eurasian Blackcap	<i>Sylvia atricapilla</i>	✓	✓	✓
Garden Warbler	<i>Sylvia borin</i>		H	
Common Whitethroat	<i>Curruca communis</i>	✓	✓	✓
Eurasian Wren	<i>Troglodytes troglodytes</i>			✓
Common Starling	<i>Sturnus vulgaris</i>	✓		✓
Song Thrush	<i>Turdus philomelos</i>	✓	✓	✓

Common name	Scientific name	May 2025		
		6	7	8
Common Blackbird	<i>Turdus merula</i>	✓		✓
European Robin	<i>Erithacus rubecula</i>	✓	✓	✓
House Sparrow	<i>Passer domesticus</i>	✓	✓	✓
Duncock	<i>Prunella modularis</i>			✓
Pied Wagtail	<i>Motacilla alba yarrellii</i>	✓	✓	✓
Eurasian Chaffinch	<i>Fringilla coelebs</i>	✓	✓	✓
European Greenfinch	<i>Chloris chloris</i>	H		✓
European Goldfinch	<i>Carduelis carduelis</i>		✓	✓
Yellowhammer	<i>Emberiza citrinella</i>	H	H	H

Mammals

D = dead, S = signs		May 2025		
Common name	Scientific name	6	7	8
European Rabbit	<i>Oryctolagus cuniculus</i>		✓	✓
Eastern Grey Squirrel	<i>Sciurus carolinensis</i>		D	
European Mole	<i>Talpa europaea</i>		S	S
Reeves's Muntjac	<i>Muntiacus reevesi</i>		✓	
Fallow Deer	<i>Dama dama</i>			✓
Western Roe Deer	<i>Capreolus capreolus</i>	✓		

Butterflies & moths

Common name	Scientific name	May 2025		
		6	7	8
Dingy Skipper	<i>Erynnis tages</i>	✓	✓	
Grizzled Skipper	<i>Pyrgus malvae</i>	✓		
Brimstone	<i>Gonepteryx rhamni</i>	✓	✓	
Large White	<i>Pieris brassicae</i>	✓	✓	
Small White	<i>Pieris rapae</i>	✓	✓	
Green-veined White	<i>Pieris napi</i>		✓	
Orange-tip	<i>Anthocharis cardamines</i>	✓	✓	
Small Copper	<i>Lycaena phlaeas</i>		✓	
Green Hairstreak	<i>Callophrys rubi</i>		✓	
Holly Blue	<i>Celastrina argiolus</i>	✓		
Little (Small) Blue	<i>Cupido minimus</i>			✓
Brown Argus	<i>Aricia agestis</i>		✓	
Chalkhill Blue	<i>Lysandra coridon</i>			✓
Common Blue	<i>Polyommatus icarus</i>	✓	✓	✓
Painted Lady	<i>Vanessa cardui</i>	✓		
Red Admiral	<i>Vanessa atalanta</i>	✓	✓	
Peacock Butterfly	<i>Aglais io</i>		✓	
Small Tortoiseshell	<i>Aglais urticae</i>	✓	✓	
Comma	<i>Polygonia c-album</i>		✓	
Small Heath	<i>Coenonympha pamphilus</i>	✓	✓	
Speckled Wood	<i>Pararge aegeria</i>	✓	✓	
Meadow Brown	<i>Maniola jurtina</i>		✓	
Narrow-bordered Bee Hawk-moth	<i>Hemaris tityus</i>			
Burnet Companion	<i>Euclidia glyphica</i>			

Damselflies

Common name	Scientific name
Banded Demoiselle	<i>Calopteryx splendens</i>
Common Spreadwing (Common Emerald Damselfly)	<i>Lestes sponsa</i>

Other insects

Common name	Scientific name
Seven-spot Ladybird	<i>Coccinella septempunctata</i>
Cardinal Beetle	<i>Pyrochroa cochinea</i>
Common Malachite Beetle	<i>Malachius bipustulatus</i>
Honey Bee	<i>Apis mellifera</i>
Buff-tailed Bumble Bee	<i>Bombus terrestris</i>
Carder Bee	<i>Bombus pascuorum</i>
White-tailed Bumble Bee	<i>Bombus lucorum</i>
a scorpion fly	<i>Panorpa sp.</i>
Dark-edged bee-fly	<i>Bombylius major</i>
Mayfly sp.	<i>Ephemeroptera sp.</i>

Fungi

Common name	Scientific name
King Alfred's Cakes	<i>Daldinia concentrica</i>
Dryad's Saddle	<i>Polyporus squamosus</i>

Plants

Square brackets = planted or introduced		
Scientific Name	Common Name	Location
PTERIDOPHYTES	FERNS & ALLIES	
Leptosporangiate Ferns	True Ferns	
Ophioglossaceae	Adder's-tongue Fern	
<i>Ophioglossum vulgatum</i>	Adder's-tongue	Bernwood Meadows
Athyriaceae	Lady Fern Family	
<i>Athyrium filix-femina</i>	Lady-fern	Homefield Wood
Dennstaedtiaceae	Bracken Family	
<i>Pteridium aquilinum</i>	Bracken	Homefield Wood
Polystichumaceae	Shield-fern Family	
<i>Polystichum setiferum</i>	Soft Shield-fern	Homefield Wood
Dryopteridaceae	Buckler-fern Family	
<i>Dryopteris filix-mas</i>	Male-fern	Homefield Wood
GYMNOSPERMS	CONIFERS	
Cupressaceae	Juniper Family	
<i>Juniperus communis</i>	Juniper	Hartslock, College Lake
Pinaceae	Pine Family	
[<i>Picea abies</i>]	Norway Spruce	Homefield Wood
[<i>Pinus Sylvestris</i>]	Scots Pine	College Lake
[<i>Tsuga heterophylla</i>]	Western Hemlock	Homefield Wood
Taxaceae	Yew Family	
<i>Taxus baccata</i>	Yew	Homefield Wood
ANGIOSPERMS	FLOWERING PLANTS	
Eu-Dicots	True Dicotyledons	
Aceraceae	Maple Family	
<i>Acer campestre</i>	Field Maple	Totternhoe
<i>Acer platanoides</i>	Norway Maple	Totternhoe

Square brackets = planted or introduced		
Scientific Name	Common Name	Location
<i>Acer pseudoplatanus</i>	Sycamore	Totternhoe
Amaranthaceae (Chenopodiaceae)	Pigweed Family	
<i>Chenopodium album</i>	Fat-hen	Hotel
Apiaceae	Carrot Family	
<i>Anthriscus sylvestris</i>	Cow Parsley	Totternhoe
<i>Bupleurum falcatum</i>	Thorowax	College Lake (plant nursery)
<i>Conium maculatum</i> (leaves only)	Hemlock	Totternhoe
<i>Daucus carota</i>	Wild Carrot	Goring
<i>Heracleum sphondylium</i>	Hogweed	Totternhoe
<i>Oenanthe crocata</i>	Hemlock Water - dropwort	Goring
<i>Scandix pecten-veneris</i>	Shepherd's-needle	College Lake (plant nursery)
<i>Smyrniolum olusatrum</i>	Alexanders	Road sides
<i>Torilis japonica</i>	Upright Hedge Parsley	Knocking Hoe
Apocynaceae	Periwinkle Family	
[<i>Vinca major</i>]	Greater Periwinkle	Goring
Aquifoliaceae	Holly Family	
<i>Ilex aquifolium</i>	Holly	Goring
Araliaceae	Ivy Family	
<i>Hedera helix</i>	Ivy	Goring
Betulaceae	Birch Family	
<i>Alnus glutinosa</i>	Alder	Goring
Silver Birch	<i>Betula pendula</i>	Totternhoe
<i>Corylus avellana</i>	Hazel	Totternhoe
<i>Carpinus betulus</i>	Hornbeam	Knocking Hoe
Boraginaceae	Forget-me-not Family	
<i>Borago officinalis</i>	Borage	Road sides
<i>Cynoglossum officinale</i>	Hound's-tongue	Knocking Hoe
<i>Myosotis arvensis</i>	Field For-get-me-not	Totternhoe
<i>Myosotis ramosissima</i>	Early For-get-me-not	Goring
<i>Myosotis sylvatica</i>	Wood For-get-me-not	Goring
<i>Lithospermum officinale</i>	Common Gromwell	Hartslock
<i>Lithospermum arvensis</i>	Corn Gromwell	College Lake (plant nursery)
<i>Pentaglottis sempervirens</i>	Green Alkanet	Hotel
Brassicaceae	Cabbage Family	
<i>Alliaria petiolata</i>	Garlic Mustard	Road sides
<i>Arabidopsis thaliana</i>	Thale Cress	Goring
<i>Brassica napus</i>	Oil-seed Rape	Road sides
<i>Capsella bursa-pastoris</i>	Shepherd's Purse	Goring
<i>Cardamine hirsuta</i>	Hairy Bitter-cress	Goring
<i>Cardamine pratensis</i>	Cuckoo Flower	Bernwood Meadows
<i>Coronopus didymus</i>	Lesser Swine-cress	Goring
<i>Draba verna</i>	Whitlow grass	Goring
<i>Lunaria annua</i>	Honesty	Road sides
<i>Sinapis arvensis</i>	Charlock	Road sides
<i>Sisymbrium officinale</i>	Hedge Mustard	Goring
<i>Thlaspi arvense</i>	Field Penny-cress	College Lake (plant nursery)
Caprifoliaceae	Honeysuckle Family	
<i>Lonicera periclymenum</i>	Honeysuckle	Totternhoe
<i>Sambucus nigra</i>	Elderberry	Totternhoe
<i>Viburnum lantana</i>	Wayfaring Tree	Totternhoe
<i>Viburnum opulus</i>	Guelder Rose	Totternhoe
<i>Valerianella locusta</i>	Common Corn salad	Goring
<i>Centranthus ruber</i>	Red Valerian	Goring

Square brackets = planted or introduced		
Scientific Name	Common Name	Location
Campanulaceae	Bellflower Family	
<i>Campanula glomerata</i>	Clustered Bellflower	Knocking Hoe, Hartslock
Cannabaceae	Hemp Family	
<i>Humulus lupulus</i>	Hop	Goring
Caryophyllaceae	Pink Family	
<i>Arenaria serpyllifolia</i> subsp. <i>serpyllifolia</i>	Thyme-leaved Sandwort	Knocking Hoe
<i>Cerastium fontanum</i>	Common Mouse-ear	Totternhoe
<i>Cerastium glomeratum</i>	Sticky Mouse-ear	Totternhoe
<i>Cerastium tomentosum</i>	Snow-in-Summer	Totternhoe
<i>Silene dioica</i>	Red Campion	Goring
<i>Silene latifolia</i>	White Campion	Totternhoe
<i>Silene vulgaris</i> (leaves only)	Bladder Campion	Totternhoe
<i>Stellaria holostea</i>	Greater Stitchwort	Homefield Wood
<i>Stellaria media</i>	Common Chickweed	Totternhoe
Celastraceae	Spindle-tree Family	
<i>Euonymus europaeus</i>	Spindle	Totternhoe
Cistaceae	Rock-rose Family	
<i>Helianthemum nummularium</i>	Rock-rose	Knocking Hoe
Compositae (Asteraceae)	Daisy Family	
<i>Achillea millefolium</i> (leaves only)	Yarrow	Totternhoe
<i>Arctium minus</i>	Lesser Burdock	Totternhoe
<i>Artemisia vulgaris</i> (leaves only)	Mugwort	Goring
<i>Bellis perennis</i>	Daisy	Goring
<i>Carlina vulgaris</i> (dead flower heads only)	Carlina Thistle	Knocking Hoe
<i>Centaurea nigra</i> (leaves only)	Knapweed	Totternhoe
<i>Centaurea scabiosa</i> (leaves only)	Greater Knapweed	Knocking Hoe
<i>Cirsium acaule</i>	Dwarf Thistle	Knocking Hoe
<i>Cirsium arvense</i>	Creeping Thistle	Totternhoe
<i>Cirsium palustre</i>	Marsh Thistle	Knocking Hoe
<i>Cirsium vulgare</i>	Spear Thistle	Goring
<i>Leucanthemum vulgare</i> (leaves only)	Ox-eye Daisy	Totternhoe
<i>Senecio vulgaris</i>	Groundsel	Goring
<i>Senecio jacobae</i>	Common Ragwort	Goring
<i>Sonchus asper</i>	Prickly Sow-thistle	Goring
<i>Sonchus oleraceus</i>	Smooth Sow-thistle	Goring
<i>Taraxacum agg</i>	Dandelion	Totternhoe
<i>Tephrosia integrifolia</i>	Field Fleawort	Knocking Hoe
<i>Tragopogon pratensis</i>	Goat's-beard	Goring
<i>Lactuca virosa</i> (leaves only)	Great Lettuce	Goring
<i>Tephrosia integrifolia</i>	Field Fleawort	Knocking Hoe
Convolvulaceae	Bindweed Family	
<i>Calystegia sepium</i> (leaves only)	Hedge Bindweed	College Lake
<i>Convolvulus arvensis</i> (leaves only)	Field Bindweed	Goring
Cornaceae	Dogwood Family	
<i>Cornus sanguinea</i>	Dogwood	Homefield Wood
Cucurbitaceae	Cucumber Family	
<i>Bryonia dioica</i>	White Bryony	Totternhoe
Dipsacaceae	Teasel Family	
<i>Dipsacus fullonum</i>	Teasel	Goring
<i>Knautia arvensis</i> (leaves only)	Field Scabious	Knocking Hoe
<i>Scabiosa columbaria</i> (leaves only)	Small Scabious	Totternhoe
Euphorbiaceae	Spurge Family	
<i>Euphorbia amygdaloides</i>	Wood Spurge	Homefield Wood

Square brackets = planted or introduced		
Scientific Name	Common Name	Location
<i>Euphorbia helioscopia</i>	Sun Spurge	Goring
<i>Mercurialis annua</i>	Annual Mercury	Totternhoe
Fagaceae	Beech Family	
<i>Fagus sylvatica</i>	Beech	Homefield Wood
<i>Quercus robur</i>	Pedunculate Oak	Goring
Gentianaceae	Gentian Family	
<i>Blackstonia perfoliate</i> (leaves only)	Yellow-wort	Knocking Hoe
Geraniaceae	Crane's-bill Family	
<i>Erodium cicutarium</i>	Common Stork's-bill	Goring
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	Hotel
<i>Geranium molle</i>	Dove's-foot Crane's-bill	Goring
<i>Geranium robertianum</i>	Herb Robert	Totternhoe
<i>Geranium rotundifolium</i>	Round-leaved Crane's-bill	Totternhoe village
Hypericaceae	St. John's-wort Family	
<i>Hypericum hirsutum</i> (leaves only)	Hairy St. John's-wort	Hartslock
<i>Hypericum perforatum</i> (leaves only)	Perforate St. John's-wort	Totternhoe
Lamiaceae	Dead-nettle Family	
<i>Ajuga reptans</i>	Bugle	Knocking Hoe
<i>Ballota nigra</i>	Black Horehound	Goring
<i>Lamium album</i>	White Dead-nettle	Totternhoe
<i>Lamium galeobdolon</i>	Yellow Archangel	Hartslock
<i>Lamium purpureum</i>	Red Dead-nettle	College Lake
<i>Oregano officinalis</i> (leaves only)	Marjoram	Knocking Hoe
<i>Thymus polytrichus</i>	Wild Thyme	Knocking Hoe
Leguminosae (Fabaceae)	Pea Family	
<i>Hippocrepis comosa</i>	Horseshoe Vetch	Knocking Hoe, College Lake
<i>Cytisus scoparius</i>	Broom	Roadsides
<i>Lotus corniculatus</i>	Bird's-foot Trefoil	Totternhoe
<i>Lotus maritimus</i>	Dragon's-tooth	College Lake
<i>Medicago arabica</i>	Spotted Medick	College Lake
<i>Medicago lupulina</i>	Black Medick	Totternhoe
<i>Melilotus officinalis</i>	Ribbed Melilot	Goring
<i>Ononis repens</i> (leaves only)	Restharrow	Totternhoe
<i>Trifolium dubium</i>	Lesser Trefoil	Totternhoe
<i>Trifolium incarnatum</i>	Crimson Clover	College Lake (plant nursery)
<i>Trifolium pratense</i>	Red Clover	College Lake
<i>Trifolium repens</i>	White Clover	Knocking Hoe
<i>Vicia sativa</i> subsp. <i>segetalis</i>	Common Vetch	Knocking Hoe
Lemnaceae	Duckweed Family	
<i>Lemna minor</i>	Small Duckweed	Knocking Hoe
Linaceae	Flax Family	
<i>Linum catharticum</i>	Purging or Fairy Flax	Hartslock
Malvaceae	Mallow Family	
<i>Malva sylvestris</i> (leaves only)	Common Mallow	Goring
Onagraceae	Evening Primrose Family	
<i>Circaea lutetiana</i> (leaves only)	Enchanter's Nightshade	Homefield Wood
Orobanchaceae	Broomrape Family	
<i>Melampyrum arvense</i>	Field Cow-wheat	College Lake (plant nursery)
<i>Rhinanthus minor</i>	Yellow Rattle	Totternhoe, Bernwood Meadows
Oxalidaceae	Wood Sorrel Family	
[<i>Oxalis corniculata</i>]	Procumbent Yellow Oxalis	Goring
Papaveraceae	Poppy Family	
<i>Chelidonium majus</i>	Greater Celandine	Goring

Square brackets = planted or introduced		
Scientific Name	Common Name	Location
<i>Fumaria officinalis</i>	Common Fumitory	Goring
<i>Papaver rhoeas</i>	Common Poppy	Goring
Plantaginaceae	Plantain Family	
<i>Cymbalaria muralis</i>	Ivy-leaved Toadflax	Goring
<i>Linaria purpurea</i>	Purple Toadflax	Goring
<i>Plantago lanceolata</i>	Ribwort Plantain	Totternhoe
<i>Veronica arvensis</i>	Wall Speedwell	Goring
<i>Veronica chaemaedrys</i>	Germander Speedwell	Hartslock
<i>Veronica montana</i>	Wood Speedwell	Totternhoe
<i>Veronica persica</i>	Field Speedwell	Goring
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell	Totternhoe
Polygonaceae	Knotweed Family	
<i>Polygonum aviculare</i>	Knotgrass	Goring
<i>Rumex crispus</i>	Curled Dock	College Lake
<i>Rumex obtusifolius</i>	Broad-leaved Dock	Totternhoe
<i>Rumex sanguineus</i>	Wood Dock	Knocking Hoe
Primulaceae	Primrose Family	
<i>Anagallis arvensis</i> subsp. <i>arvensis</i>	Scarlet Pimpernel	College Lake
<i>Primula veris</i>	Cowslip	Knocking Hoe
<i>Primula vulgaris</i>	Primrose	Hartslock
<i>Primula vulgaris</i> x <i>veris</i>	False Oxslip	Homefield Wood
Ranunculaceae	Buttercup Family	
<i>Adonis annua</i>	Pheasant's-eye	College Lake (plant nursery)
<i>Clematis vitalba</i>	Old Man's Beard	Knocking Hoe
<i>Ficaria verna</i>	Lesser Celandine	College Lake
<i>Pulsatilla vulgaris</i>	Pasque Flower	Knocking Hoe
<i>Ranunculus acris</i>	Meadow Buttercup	Totternhoe
<i>Ranunculus arvensis</i>	Corn Buttercup	College Lake (plant nursery)
<i>Ranunculus aquatilis</i>	Water-crowfoot	Knocking Hoe
<i>Ranunculus bulbosus</i>	Bulbous Buttercup	Totternhoe
<i>Ranunculus flammula</i>	Lesser Spearwort	Bernwood Meadows
<i>Ranunculus repens</i>	Creeping Buttercup	College Lake
Resedaceae	Mignonette Family	
<i>Reseda alba</i>	White Mignonette	Totternhoe
Rosaceae	Rose Family	
<i>Aphanes arvensis</i>	Parsley-piert	Goring
<i>Agrimonia eupatoria</i> (leaves only)	Agrimony	Knocking Hoe
<i>Crataegus monogyna</i>	Hawthorn	Totternhoe
<i>Fragaria vesca</i>	Wild Strawberry	Hartslock, College Lake
<i>Potentilla anserina</i>	Silverweed	Totternhoe
<i>Potentilla sterilis</i>	Barren Strawberry	Totternhoe
<i>Prunus avium</i>	Wild Cherry	Totternhoe
<i>Prunus spinosa</i>	Blackthorn	Totternhoe
<i>Rubus fruticosus</i> agg.	Bramble	Totternhoe
<i>Rubus idaeus</i>	Raspberry	Totternhoe
<i>Sanguisorba minor</i>	Salad Burnet	Knocking Hoe
Rubiaceae	Bedstraw Family	
<i>Galium mollugo</i>	Hedge Bedstraw	Totternhoe
<i>Galium aparine</i>	Cleavers	Totternhoe
<i>Galium odoratum</i>	Sweet Woodruff	Homefield Wood
<i>Galium verum</i>	Lady's Bedstraw	Totternhoe
<i>Sherardia arvensis</i>	Field Madder	College Lake
Salicaceae	Willow Family	
<i>Salix caprea</i>	Goat Willow	College Lake

Square brackets = planted or introduced		
Scientific Name	Common Name	Location
<i>Salix cinerea</i>	Grey Willow	College Lake
<i>Salix fragilis</i>	Crack Willow	College Lake
Sapindaceae	Maple Family	
<i>Acer campestre</i>	Field Maple	Knocking Hoe
<i>Acer platanoides</i>	Norway Maple	Knocking Hoe
<i>Acer pseudoplatanus</i>	Sycamore	Totternhoe
Scrophulariaceae	Figwort Family	
<i>Digitalis purpurea</i>	Foxglove	Totternhoe
<i>Scrophularia nodosa</i>	Common Figwort	Goring
Thymelaeaceae	Daphne Family	
<i>Daphne laureola</i>	Spurge Laurel	Knocking Hoe, College Lake
Ulmaceae	Elm Family	
<i>Ulmus glabra</i>	Wych Elm	Homefield Wood
<i>Ulmus procera</i>	Common Elm	College Lake
Urticaceae	Nettle Family	
<i>Urtica dioica</i>	Stinging Nettle	Totternhoe
Violaceae	Violet Family	
<i>Viola hirta</i>	Hairy Violet	Totternhoe
<i>Viola riviniana</i>	Common Dog Violet	Totternhoe
Monocots	Monocotyledons	
Lilaceae	Lily Family	
<i>Hyacinthoides non-scripta</i>	Bluebell	Knocking Hoe
<i>Hyacinthoides massartiana</i>	Hybrid Bluebell	Goring, Roadsides
<i>Leucojum aestivum</i>	Summer Flake (Lodden Lily)	Goring
Araceae	Arum Family	
<i>Arum maculatum</i>	Cuckoo Pint	Totternhoe
Dioscoreaceae	Black Bryony Family	
<i>Dioscorea (Tamus) communis</i>	Black Bryony	Totternhoe
Iridaceae	Iris Family	
<i>Iris foetidissima</i> (leaves only)	Stinking Iris or Gladdon	Totternhoe
<i>Iris pseudacorus</i>	Yellow Iris	College Lake
Orchidaceae	Orchid Family	
<i>Anacamptis morio</i>	Green-winged Orchid	Bernwood Meadows
<i>Cephalanthera damasonium</i>	White Helleborine	Homefield Wood, College Lake
<i>Dactylorhiza fuchii</i> (leaves only)	Common Spotted Orchid	Totternhoe, Knocking Hoe, Hartslock, College Lake
<i>Dactylorhiza incarnata</i>	Early Marsh Orchid	Bernwood Meadows
<i>Epipactis helleborine</i> (leaves only)	Broad-leaved Helleborine	Homefield Wood
<i>Listera ovata</i>	Twayblade	Totternhoe, College Lake
<i>Neotinea ustulata</i>	Burnt Orchid	Knocking Hoe
<i>Ophrys insectifera</i>	Fly Orchid	Homefield Wood
<i>Orchis mascula</i>	Early Purple Orchid	Aston Rowant
<i>Orchis militaris</i>	Military Orchid	Homefield Wood
<i>Orchis purpurea</i> x <i>simia</i>	Lady x Monkey Orchid	Hartslock
<i>Orchis simia</i>	Monkey Orchid	Hartslock
Poaceae	Grass Family	
<i>Alopecurus pratensis</i>	Meadow Foxtail	College Lake
<i>Arrhenatherum elatius</i>	False-oat Grass	College Lake
<i>Brachypodium sylvaticum</i>	False Brome	Totternhoe
<i>Briza media</i>	Quaking Grass	Knocking Hoe, Hartslock
<i>Bromus erectus</i>	Upright Brome	Tottern Hoe, Knocking Hoe, Hartslock
<i>Bromus hordeaceus</i>	Soft Brome	College Lake
<i>Bromus interruptus</i>	Interrupted Brome	College Lake (plant nursery)

Square brackets = planted or introduced		
Scientific Name	Common Name	Location
<i>Bromus sterilis</i>	Barren Brome	College Lake
<i>Dactylis glomerata</i>	Cock's-foot	Goring
<i>Festuca ovina</i>	Sheep's Fescue	Knocking Hoe
<i>Festuca rubra</i>	Red Fescue	College Lake
<i>Glyceria fluitans</i>	Floating Sweet-grass	Bernwood Meadows
<i>Hordeum distichon</i>	Two-rowed Barley	Goring
<i>Lolium perenne</i>	Perennial Rye-grass	Hotel
<i>Milium effusum</i>	Wood Millet	Homefield Wood
<i>Phleum pratense</i>	Timothy	College Lake
<i>Phragmites australis</i>	Common Reed	College Lake
<i>Poa annua</i>	Annual Meadow-grass	Goring
<i>Poa pratensis</i>	Smooth Meadow-grass	Totternhoe
<i>Poa trivialis</i>	Rough Meadow-grass	College Lake
Cyperaceae	Sedge Family	
<i>Carex caryophyllea</i>	Spring Sedge	Knocking Hoe
<i>Carex divulsa</i>	Grey Sedge	Goring
<i>Carex flacca</i>	Glaucous Sedge	Totternhoe
<i>Carex hirta</i>	Hairy Sedge	Bernwood Meadows
<i>Carex pendula</i>	Pendulous Sedge	College Lake
<i>Carex remota</i>	Remote Sedge	College Lake
<i>Carex riparia</i>	Greater Pond Sedge	Goring
<i>Carex sylvatica</i>	Wood Sedge	Homefield Wood
Juncaceae	Rush Family	
<i>Juncus effusus</i>	Soft Rush	Knocking Hoe
<i>Juncus inflexus</i>	Hard Rush	Knocking Hoe
<i>Luzula campestris</i>	Field Woodrush	College Lake
Typhaceae	Reedmace Family	
<i>Typha angustifolia</i>	Lesser Reedmace	College Lake
<i>Typha latifolia</i>	Greater Reedmace	Goring