

**Detailed numbered target notes to accompany the maps in *Plumpton's wildlife habitats: a survey*, edited by Jacqui Hutson, Plumpton Wildlife & Habitat Group, 2011.**

Target number	Grid reference	Notes
Map 1		
1	TQ359191	Mixed deciduous woodland with stream. Mainly hornbeam and pedunculate oak plus two mature (fruiting) wild service trees and Midland hawthorn.
2	TQ361197	World War II temporary airfield re-used for airshows in 1999 and 2004. Planes took off and landed east to west. Field rolled and mown for shows.
3	TQ368187	Wildflower meadow sown by owner; some encroaching scrub.
4	TQ365184	Pond lined with clay constructed by owner in 2002.
5	TQ366185	Plumpton Wood (north) listed in East Sussex Inventory of Ancient Woodland. Robin Lang's survey in 1986 pointed out the following: mostly old hornbeam coppice with mature oaks and ash. Wide range of ground flora. The wood has the largest vascular plant list of the parish (100+) including 22 ancient woodland indicator species.
6	TQ364186	Scrub and young trees encroaching on to fields from Plumpton Wood boundary.
7	TQ369188	World War II pill box surrounded by scrub.
8 & 9	TQ364195 and TQ365195	Sedgebrook Marsh SNCI. The streams are red with iron-rich water. Unimproved marshy grassland in the north includes purple moor grass, rushes, cotton-grass and marsh cinquefoil. Partly overgrown with goat willow and an unusual bramble from the south. There is a broad shaw widening into mixed deciduous woodland, with dog's mercury, bluebells and ramsons at southern end. Broad buckler-fern, soft shield fern and wood sorrel in boggier areas.
10	TQ364192	One of a number of species-rich wide shaws with ditch. Wild pear present.
11	TQ360194	Deep eutrophic pool overhung with broad woodland border; mainly pedunculate oak with one wild service tree c. 5 m high.
12	TQ365192	Broad treeline along Longford Stream with a wide range of deciduous trees and shrubs, including Midland hawthorn and very large field maple.
13	TQ362194	Mixed deciduous woodland. Old hornbeam coppice. Dense bluebell and dog's mercury.
14	TQ358195	Grassy Wood. Species-rich deciduous woodland. Mainly old coppiced hornbeam, oak standards and birch. Little ground cover for much of the area and heavily used for horse events.
15	TQ362195	Pond with island. Common reedmace and alder.
16	TQ359197	Parish boundary including line of five old oaks with mixed species gappy hedge, ditch and small banks.
17	TQ363193	Semi-improved grassland but species-rich, including musk mallow and St John's-wort.
18	TQ363194	Southern half of this field is possibly unimproved grassland. Plants include devil's-bit scabious, tormentil, small-flowered buttercup and red bartsia.

Map 2		
19	TQ361180	This old droveway is bordered by woodland along its length in the parish – hornbeam and oak mainly. Near the grid reference there is a large yew tree, a group of wild service tree suckers and some sessile oak. The droveway is sunken in parts with steep banks on either side.
20	TQ361178	This woodland is on steep banks on either side of a boggy valley. Trees include sessile oak, hornbeam and elder.
21	TQ361176	There are three hedges in this area that contain considerable amounts of butcher's broom.
22	TQ362179	The mixed species woodland surrounding these industrial units includes oak and aspen. Some of the oaks appear to be pedunculate/sessile hybrids. There is a very shaded and muddy pond.
23	TQ358177	Species-rich boundary hedge includes coppiced ash. There is a ditch on the west side.
24	TQ358175	Mixed species woodland includes coppiced ash and hazel, and crab apple. There is butcher's broom in the north-west corner and bluebells and wood anemones in the ground flora.
25	TQ359173	This flooded sandpit is surrounded by woodland except on the south side where it is edged by gorse and scattered young oaks and aspen. The woodland is species rich and includes butcher's broom.
27	TQ366180	Species-rich meadow, including some wetland plants through the centre (possibly marking issue from a spring or former ditch).
28	TQ362181	Roadside verge by hornbeam hedge. There is a large dogwood in the hedge (diameter at breast height 127 mm). Good semi-improved grassland. Rough grass with bluebells, wood anemones; wood millet under hedge and lesser stitchwort. Worthy of managerial agreement.
29	TQ358181	Very large pedunculate oak on boundary ditch.
30	TQ368183	Mixed deciduous woodland (Polecat Wood) listed in East Sussex Inventory of Ancient Woodland. Mainly old coppiced hornbeam with pedunculate oak standards. Wide range of other woodland flora including small wild service tree (planted) on western edge. Bluebells and early purple orchids in southern arm. Large ditch-fed pond in middle. Common spotted orchid also present.
31	TQ367181	Mixed deciduous bluebell woodland with steep-sided ditch and ditch-fed pond. Wide range of native trees and shrubs. Area between this and Polecat Wood being grown up to make continuous woodland.
32	TQ367182	Flower-rich meadow with adder's tongue fern, especially at lower, damper, southern end.
Map 3		
26	TQ362172	Pond fenced and surrounded by mixed species scrub with well vegetated margin including reedmace, attracting a variety of fauna.
33	TQ357163	This area was set aside as a Conservation Area at the time of the survey but is now leased to Plumpton College and is managed for agriculture.
34	TQ359172	This field is enclosed on all sides by shaws and is species-rich.

		Adder's tongue fern is abundant.
35	TQ359170	Riddens Wood. On East Sussex Ancient Woodland Inventory. Old hornbeam coppice with oak standards. Towards the southern end there are wild service trees, sessile oak and Midland hawthorn. Cypress and rhododendrons mark the site of an old garden. Bracken, bluebells, wood anemones and moschatel in ground flora.
36	TQ363166	Large oak on village green, which was part of Little Inholmes Farm before the houses and village hall were built in 1995.
37	TQ359164	A very large field maple by the stream.
38	TQ363165	Riddens Lane is bordered on the north side by woodland and old flooded brick pits, and species-rich unmanaged hedge contains a lot of elm.
39	TQ361165	Species-rich hedge on a bank including young elm trees and spurge laurel.
40	TQ360165	Species-rich woodland bordering stream. One large oak and several dead elms.
41	TQ364163	Pocket park, which was designated by the Parish Council with the Sussex Wildlife Trust, is a mixed species woodland along the stream. It includes oaks, with some hybrids, and a large willow. Ground flora includes meadowsweet and ramsons.
42	TQ366192	Area of inundation, mainly alder and many common spotted orchids.
43	TQ365171	Pond at rear of Woodgate Meadows, created post-1975 and replacing three smaller ponds (formerly claypits). Edged with goat willow and gorse. Aquatic vegetation includes marsh marigold, yellow iris and common reedmace. At the north end of the pond there is an area of inundation bounded by mature pedunculate oaks and including young (20-30-year-old) birch, holly etc. Ground vegetation includes dog's mercury and greater stitchwort, with bluebells at the edges.
44	TQ366169	This former coal yard and field beyond have a wide variety of grasses and wild flowers. There is a species-rich but gappy hedge at the western end and a vestigial hedge with oaks (possibly former pollards) at 14-m intervals, now fenced.
45	TQ367168/9	Inundated area includes alder, field maple and pedunculate oak. The largest oak is 1-metre in diameter.
46	TQ367167	Mixed deciduous woodland surrounding a ditch-fed pond, including wild service trees and wild pear. Variety of woodland flora including bluebells and orchids.
47	TQ367166	Species-rich meadow (uncultivated for at least 30 years).
48	TQ362162	Shelter belt newly planted with native broadleaf trees including ash, hawthorn and field maple.
Map 4		
49	TQ365151	Stream boundary – north side predominantly alder and spindle.
50	TQ364148	High Burrows. Following the loss of many trees in the October 1987 storm, the central part of the wood has recently been cleared and replanted, mainly with sweet chestnut.
51	TQ366148	Deep damp ditch; scattered trees of hazel, ash and willow with three Lombardy poplars.
52	TQ366152	A mixed woodland, which appears to have remained undisturbed

		since the October 1987 storm, containing many fallen trees in various states of decomposition. Bordered on the south side by a stream and marshy dell. Vegetation includes dog's mercury and wood anemones. Many tree species include oaks (one 4 ft in diameter 4 ft from the ground) and Douglas fir.
53	TQ362153	The gorse here indicates moderately acidic and infertile soil.
54	TQ360152	Ashurst Organic Farm. Grows organic vegetables on three small fields.
55	TQ363151	The Old Mill House. Since 2001, a new outflow from the lake links with Plumpton Stream; this has resulted in a new marshy habitat already colonised by buttercups and sedges.
56	TQ363150	Sea trout spawn in pool at foot of weir steps and in Plumpton Stream at Upper Mill.
57	TQ363150	Plumpton Stream and its tributaries attract numerous birds and other wildlife including kingfishers, damselflies and dragonflies.
58	TQ362150	Several species of wetland birds are found on and around an artificial lake including little grebe and little egret.
59	TQ364149	An iron-rich spring.
60	TQ355148	By the stream is a very large healthy pedunculate oak with a girth of 5.97 m at 1,5 m above ground level is possibly 400 years old.
61	TQ357149	This stream is bordered in parts by carpets of opposite-leaved golden saxifrage.
62	TQ354148	A small plantation of Scots Pine with bracken.
63	TQ363148	Species-rich pasture bounded by streams. Wide variety of bird life including nesting kestrels, kingfishers and grey wagtails.
64	TQ363147	Formerly a streambed. Now a deep wooded gully with naturalised rhododendron and pools of stagnant muddy water. There are bluebells and ramsons present. Inhabited by foxes.
65	TQ356148	A wet meadow with a stream running through. Part of Ashurst Farm Meadow SNCI.
Map 5		
66	TQ365139	Small pond bordered on north side by willow. Vegetation includes hemp agrimony, sneezewort, and white water lilies.
67	TQ366139	Wild flowers in an uncultivated strip of field including fleabane, dove's-foot cranesbill and scarlet pimpernel.
68	TQ365134	The site was once a small chalk quarry, planted in the 1950s with a variety of trees to make a nature reserve. Neglected now for many years it is mostly scrub with many fallen trees overgrown with brambles.
69	TQ363146	Previously flooded and used as millpond for Upper Mill. Now wet marshland, predominantly alder, marsh marigolds and yellow iris.
70	TQ355145	Plumpton Wood is marked on the Yeakell and Gardner 1790 map and is listed in the East Sussex Ancient Woodland Inventory. It is listed as New Wood on the 1839 Tithe Map. Mostly oak with hazel coppice and bluebells. An area of Thuja in the centre was planted by Plumpton College.
71	TQ360145	Field known as 60 acres. In 2003/04 Plumpton College planted a new species-rich hedge, running north to south along track.
72	TQ357144	Pigs' Wood. Once used by Plumpton College to rear pigs. Outline of area shown on 1790 Yeakell and Gardner map but not shaded to denote woodland. It is really a wide shaw of broad-leaved

		woodland which may once have been joined to Plumpton Wood. It is predominantly ash and oak, with understorey of sycamore and honeysuckle. Bluebells abundant in spring.
73	TQ359144	The southern boundary of this field ('60 acres') has an ancient species-rich hedge, a good example of a number of species rich hedges in this area.
74	TQ357141	Grannie's Wood. Area of woodland lying to north of Plumpton College sewage works. Roughly L-shaped. Mainly oak and ash with hazel coppice, holly and bramble understorey. Marked on the 1790 Yeakell and Gardner map and in the East Sussex Inventory of Ancient Woodland.
75	TQ361139	This field has remnants of a former golf-course and a young deciduous tree plantation in the north-east corner; these trees were planted for landscaping reasons in a damp area of the field at the time the golf-course was made in about 1994. Predominantly oak and ash.
76	TQ359138	Running between these two fields is a north-south track, on either side of which are very species-rich hedgerows with 10 or more species, thought by Plumpton College, in their 1982/83 survey, to be more than 600 years old.
77	TQ360135	A large orchard.
78	TQ362137	Species-rich meadow to the north of Plumpton Place. The northern boundary is a mixed hedgerow, to the eastern end of which is a number of Scots Pine. Towards the southern end are a number of oaks including a fine specimen of red oak.
79	TQ357135	Lawns, trees, vineyards and orchards, horticultural areas including greenhouses, grazing for llamas, chickens, etc. On Plumpton College buildings over 80 pairs of house martins were breeding in 2004, together with 15 pairs of swallows in the stables. A total of 269 nesting sites around the fields, hedgerows and wood managed by the college were recorded in 2004.
80	TQ359133	Small shaw of trees, including some fine holm oaks.
Map 6		
81	TQ362130	Vestigial deciduous woodland fringing Plumpton Bostal, containing ancient woodland indicator species including wild cherry and some old beech trees, yellow archangel, early dog violet and bluebells.
82-83	TQ358129 TQ363128	Areas of species rich, unimproved grassland on north-facing steep slopes of the Downs (part of the Clayton to Offham SSSI). Abundant species include cowslip, round headed rampion and orchids.