

Analysis of sites where regular species monitoring activities are undertaken in Cambridgeshire & Peterborough

As part of our memorandum of agreement with Natural England and the Environment Agency for 2013-14, we have been asked to identify sites where individuals or groups are carrying out species surveys in a structured and repeated manner, whether as part of national monitoring programmes, or independently.

We initiated the process by collating publicly-available sites in monitoring schemes such as the UK Butterfly Monitoring Scheme (UKBMS) or the British Trust for Ornithology's (BTO) Wetland Bird Survey (WeBS) and data provided by the Wildlife Trust for Cambridgeshire, Bedfordshire and Northamptonshire (WTBCN) from their reserve monitoring and Ecology Groups programmes.

This collated list was then distributed to our county recorders and other naturalists, and numerous additions were then added by these individuals and organisations. A summary of the sites, taxa and method if known are presented overleaf.

We aim to use this information as the basis for transferring the methods within currently monitored sites, and for widening the network of regular monitoring by promoting these survey methods to individuals and groups keen to learn and adopt such methods for their sites.

We are also aware that the Cambridge Bryophyte Group survey across the whole county, and aim to revisit every site on a 10 year cycle. Similarly, the Cambridge Lichen group are resurveying sites visited in the 1960s and 1970s, especially churchyards, and then hope to try and revisit sites every 10 years, but this form of long-term surveillance is hard to document in the format presented here.

We know there is other monitoring under way across the county at some sites, but we have not been supplied with any specific data for sites not presented here.

The Great Fen project, an area of wetland creation between Woodwalton and Holme Fen NNRs also has large amounts of monitoring underway, which is not included here, apart from those elements on the NNRs themselves

List of sites where information on species surveillance / monitoring has been provided to CPERC

<i>Site ID</i>	<i>location</i>	<i>scheme type</i>	<i>taxa</i>	<i>grid ref</i>	<i>notes</i>	<i>originator</i>
1	Barnack Hills & Holes	UKBMS transect	Butterfly	TF0704		CPERC
2	Bevills wood	UKBMS transect	Butterfly	TL2079		CPERC
3	Block Fen Pits	WeBS Site	Birds	TL433839	Wintering wetland birds	BTO
4	Brampton Gravel Pits	WeBS Site	Birds	TL196725	Wintering wetland birds	BTO
5	Brampton Wood	UKBMS transect	Butterfly	TL1770		CPERC
5	Brampton Wood	WT bird survey	Birds	TL1870	Breeding bird survey	WTBCN
5	Brampton Wood	WT other	dormouse	TL1870		WTBCN
6	Buckden and Stirtloe Pits	WeBS key site	Birds	TL210675	Wintering wetland birds	BTO
7	Cambourne	UKBMS transect	Butterfly	TL3159		CPERC
7	Cambourne	WT bird survey	Birds	TL3159	Breeding bird survey	WTBCN
7	Cambourne	WT other	bat	TL3159		WTBCN
7	Cambourne	WT other	water Beetle	TL3159		WTBCN
7	Cambourne	WT other	Great crested newt	TL3259	newt monitoring	WTBCN
8	Cantelupe Reservoir	WeBS Site	Birds	TL418540	Wintering wetland birds	BTO
9	Castor Hanglands	UKBMS transect	Butterfly	TF1101		CPERC
10	Chippenham fen	none	Plants	TL6469	annual count of <i>Selinum carvifolia</i> plants	Vc29 BSBI
10	Chippenham fen	none	amphibian	TL6469	annual survey	NE Volunteer
10	Chippenham fen	none	moth	TL6469	fixed-point mothing	NE Volunteer
10	Chippenham fen	none	Orchids	TL6469	annual survey	NE Volunteer
10	Chippenham fen	UKBMS transect	Butterfly	TL6469		CPERC

11	Colne Fen Gravel Pits	WeBS Site	Birds	TL385775	Wintering wetland birds	BTO
12	Coton farmland	UKBMS transect	Butterfly	TL4158		CPERC
13	CRT Barton	CBC	Birds	TL4154	Common Bird Census	CRT
13	CRT Barton	Harvest Mouse survey	Harvest Mouse	TL4154	Annual nest search using Mammal Soc. Methodology	CRT
13	CRT Barton	NBMP field survey	Bat	TL4154	National Bat Monitoring Programme, Field Survey (Pipistrelles, Noctule, Serotine)	CRT
13	CRT Barton	NVC	Plants	TL4154	National Vegetation Classification conducted on meadow restoration areas not annually.	CRT
13	CRT Barton	Other Bat	Bat	TL4154	In-house bat transect initiated in 1998 and continued intermittently	CRT
13	CRT Barton	Small Mammal survey	Small mammals	TL4154	Longworth trapping on transects repeating on a non-annual timescale	CRT
13	CRT Barton	UKBMS transect	Butterfly	TL4154		CPERC
13	CRT Barton	Water Vole survey	Water vole	TL4154	3-year repeat survey of Bourn Brook	CRT
14	CRT Comberton	CBC	Birds	TL3754	Common Bird Census	CRT
14	CRT Comberton	UKBMS transect	Butterfly	TL3754		CPERC
14	CRT Comberton	Water Vole survey	Water vole	TL3754	3-year repeat survey of Bourn Brook	CRT
15	Devil's Dyke	none	Himantoglossum hircinum	TL6062	annual count of plants	Vc29 BSBI
15	Devil's Dyke	none	Hypochaeris maculata	TL590639	annual count of plants	Vc29 BSBI
15	Devil's Dyke	UKBMS transect	Butterfly	TL6161		CPERC
15	Devil's Dyke	WT other	Plants	TL5865	vegetation transects	
16	Earith Gravel Pits	WeBS Site	Birds	TL388763	Wintering wetland birds	BTO
17	Ely Beet Factory Settling	WeBS Site	Birds	TL555805	Wintering wetland birds	BTO

	Ponds/Roswell pits					
18	Fen Drayton Gravel Pits	WeBS key site	Birds	TL344696	Wintering wetland birds	BTO
19	Fenstanton GP	WeBS Site	Birds	TL302683	Wintering wetland birds	BTO
20	Fleam Dyke	none	Tephrosia integrifolia	TL5553	annual count of plants	Vc29 BSBI
20	Fleam Dyke	UKBMS transect	Butterfly	TL5553		CPERC
21	Godmanchester Gravel Pit aka Cow Lane	WeBS key site	Birds	TL260719	Wintering wetland birds	BTO
22	Grafham Water	WeBS key site	Birds	TL151679	Wintering wetland birds	BTO
22	Grafham Water	WT bird survey	Birds	TL1369	Breeding bird survey	WTBCN
22	Grafham Water	WT other	bat	TL1368		WTBCN
23	Grange Farm 1	UKBMS transect	Butterfly	TL3261		CPERC
23	Grange Farm 2	UKBMS transect	Butterfly	TL3262		CPERC
23	Grange Farm 3	UKBMS transect	Butterfly	TL3362		CPERC
24	Granta Park	UKBMS transect	Butterfly	TL5248		CPERC
25	Hardwick Wood	Ivy trial	Deer	TL3557	Estimation of deer browsing pressure	WT vol
25	Hardwick Wood	Small Mammal survey	Small mammals	TL3557	Annual Longworth trapping transect	WT vol
25	Hardwick Wood	UKBMS transect	Butterfly	TL3557		CPERC
25	Hardwick Wood	WT bird survey	Birds	TL3557	Breeding bird survey	WTBCN
26	Hartford GP	WeBS Site	Birds	TL266726	Wintering wetland birds	BTO
27	Hemingford Grey GP	WeBS Site	Birds	TL298710	Wintering wetland birds	BTO
28	Hinchingbrooke Gravel Pit	WeBS Site	Birds	TL218714	Wintering wetland birds	BTO
29	Histon Gravel Pit	WeBS Site	Birds	TL448619	Wintering wetland birds	BTO
30	Holme fen	UKBMS	Butterfly	TL2088		CPERC

		transect				
31	Isleham Marsh	WeBS Site	Birds	TL644762	Wintering wetland birds	BTO
32	Little Paxton Pits	UKBMS transect	Butterfly	TL1963		CPERC
32	Little Paxton Pits	WeBS key site	Birds	TL202646	Wintering wetland birds	BTO
33	Mare Fen	WeBS Site	Birds	TL363707	Wintering wetland birds	BTO
34	Marsh Lane Gravel Pits	WeBS Site	Birds	TL299696	Wintering wetland birds	BTO
35	Meadow Lane Gravel Pits	WeBS key site	Birds	TL324707	Wintering wetland birds	BTO
36	Mepal Gravel Pits	WeBS Site	Birds	TL423829	Wintering wetland birds	BTO
37	Milton Country Park	WeBS Site	Birds	TL475625	Wintering wetland birds	BTO
38	Monks Pit	WeBS Site	Birds	TL250710	Wintering wetland birds	BTO
39	Monks Wood	none	Flora and vegetation	TL202798	ca 5-yearly survey Marked trees and systematic quadrats Wilderness 1 (NNR)	CEH
39	Monks Wood	none	Flora and vegetation	TL197792	ca 5-yearly survey Systematic quadrats Wilderness 2 (CEH)	CEH
39	Monks Wood	none	Flora and vegetation	TL196791	ca 5-yearly survey 10m lengths of ancient hedge, Judith's Hedge	CEH
39	Monks Wood	none	Trees	TL200798	ca 5-yearly survey Experiment of natural thinning (oak & ash). Research station (now Cambs Constabulary)	CEH
39	Monks Wood	UKBMS transect	Butterfly	TL1979		CPERC
40	Nene Washes	WeBS key site	Birds	TF335005	Wintering wetland birds	BTO
41	Orwell Clunch Pit	UKBMS transect	Butterfly	TL363506		CPERC
42	Ouse Fen and Pits (Hanson/RSPB)	WeBS key site	Birds	TL369722	Wintering wetland birds	BTO
43	Ouse Washes	WeBS key site	Birds	TL535945	Wintering wetland birds	BTO
44	Overcote Marina	WeBS Site	Birds	TL358712	Wintering wetland birds	BTO
45	Rectory Farm Pit	WeBS Site	Birds	TL253709	Wintering wetland birds	BTO
46	River Cam - Baits Bite Lock to Clayhithe	WeBS Site	Birds	TL493632	Wintering wetland birds	BTO

47	River Cam - Kingfishers Bridge	WeBS key site	Birds	TL543729	Wintering wetland birds	BTO
48	River Cam - Owlstone Road to Baits Bite Lock	WeBS Site	Birds	TL465595	Wintering wetland birds	BTO
49	River Cam - Upware to Dimmocks Cote	WeBS key site	Birds	TL538711	Wintering wetland birds	BTO
50	River Lane Gravel Pit	WeBS Site	Birds	TL216699	Wintering wetland birds	BTO
51	Roman Road	UKBMS transect	Butterfly	TL5053		CPERC
52	Shropshire Farm Reservoir	WeBS key site	Birds	TL526738	Wintering wetland birds	BTO
53	Sutton North Fen Gravel Pit	WeBS Site	Birds	TL404815	Wintering wetland birds	BTO
54	Waterbeach Gravel Pits (Waterbeach and Landbeach Gravel Pits)	WeBS Site	Birds	TL482669	Wintering wetland birds	BTO
55	Wellcome Trust Wetlands NR	UKBMS transect	Butterfly	TL497441		CPERC
55	Wellcome Trust Wetlands NR	WeBS Site	Birds	TL497441	Wintering wetland birds	BTO
56	Wicken Fen	none	Flora and vegetation	TL5570	Baseline 2004, resurveyed 2010-2012	Wicken Fen
56	Wicken Fen	none	Odonata	TL5570	Not the standard BDS transect method, but a point count method. The transect method may get adopted in future	Dragonfly project
56	Wicken Fen	UKBMS transect	Butterfly	TL5570		CPERC
56	Wicken Fen	WeBS key site	Birds	TL556701	Wintering wetland birds	BTO
57	Wimpole Park	WeBS Site	Birds	TL332517	Wintering wetland birds	BTO
58	Woodwalton Farm	UKBMS transect	Butterfly	TL2181		CPERC
59	Woodwalton Fen	UKBMS transect	Butterfly	TL2284		CPERC
60	Woodwalton Marsh	UKBMS transect	Butterfly	TL211812		CPERC

61	Buff Wood	WT bird survey	Birds	TL2850	Breeding bird survey	WTBCN
62	Cherry Hinton Chalk Pits	WT bird survey	Birds	TL484557	Breeding bird survey	WTBCN
62	Cherry Hinton Chalk Pits	WT other	inverts	TL484557	pitfalls, ants	WTBCN
62	Cherry Hinton Chalk Pits	WT other	Plants	TL4856	annual moon carrot count	WTBCN
63	Dogsthorpe Pit	WT bird survey	Birds	TF2102	Breeding bird survey	WTBCN
63	Dogsthorpe Pit	WT other	water Beetle	TF2102		WTBCN
64	Eye Green	WT other	water beetle	TF2303		WTBCN
65	Fulbourn Fen	WT bird survey	Birds	TL5356	Breeding bird survey	WTBCN
65	Fulbourn Fen	WT other	Flora and vegetation	TL5356	annual orchid count	WTBCN
66	Gamlingay Wood	WT bird survey	Birds	TL2453	Breeding bird survey	WTBCN
66	Gamlingay Wood	WT other	Flora and vegetation	TL2453		WTBCN
67	Hayley Wood	WT bird survey	Birds	TL2952	Breeding bird survey	WTBCN
68	Lattersey	WT bird survey	Birds	TL2896	Breeding bird survey	WTBCN
68	Lattersey	WT other	water Beetle	TL2896		WTBCN
69	Lower Wood Nature Reserve	WT bird survey	Birds	TL624548	Breeding bird survey	WTBCN
70	Overhall Grove Nature Reserve	WT bird survey	Birds	TL338631	Breeding bird survey	WTBCN
71	Raveley Wood	WT other	orchids	TL244818		WTBCN
72	Stibbington Lakes	WT other	Bat	TL0899		WTBCN
72	Stibbington Lakes	WT other	water Beetle	TL0899		WTBCN
73	Thorpe Wood	WT bird survey	Birds	TL158982	Breeding bird survey	WTBCN
74	Waresley-Gransden Wood	WT bird survey	Birds	TL2654	Breeding bird survey	WTBCN
75	Woodston Ponds	WT bird survey	Birds	TL175979	Breeding bird survey	WTBCN
75	Woodston Ponds	WT other	bat	TL175979		WTBCN
75	Woodston Ponds	WT other	water Beetle	TL175979		WTBCN
76	Shingay	WCBS - BTO	Butterfly	TL3147	2 parallel 1km transects, akin to BBS birds survey, but also like butterfly transect	BC
77	Newborough	WCBS - BC	Butterfly	TF2105	2 parallel 1km transects, akin to BBS birds survey, but also like butterfly transect	BC

78	Wisbech	WCBS - BC	Butterfly	TF4513	2 parallel 1km transects, akin to BBS birds survey, but also like butterfly transect	BC
79	Ramsey	WCBS - BC	Butterfly	TL2486	2 parallel 1km transects, akin to BBS birds survey, but also like butterfly transect	BC
80	Ramsey	WCBS - BC	Butterfly	TL3085	2 parallel 1km transects, akin to BBS birds survey, but also like butterfly transect	BC
81	Manea	WCBS - BC	Butterfly	TL4789	2 parallel 1km transects, akin to BBS birds survey, but also like butterfly transect	BC
82	Manea	WCBS - BC	Butterfly	TL4989	2 parallel 1km transects, akin to BBS birds survey, but also like butterfly transect	BC
83	Kimbolton	WCBS - BC	Butterfly	TL1166	2 parallel 1km transects, akin to BBS birds survey, but also like butterfly transect	BC
84	Dry Drayton	WCBS - BC	Butterfly	TL3962	2 parallel 1km transects, akin to BBS birds survey, but also like butterfly transect	BC
85	Swaffham Prior	WCBS - BC	Butterfly	TL5764	2 parallel 1km transects, akin to BBS birds survey, but also like butterfly transect	BC
86	Fulbourn	WCBS - BC	Butterfly	TL5456	2 parallel 1km transects, akin to BBS birds survey, but also like butterfly transect	BC
87	Camps End	WCBS - BC	Butterfly	TL6142	2 parallel 1km transects, akin to BBS birds survey, but also like butterfly transect	BC
88	March	WCBS - BC	Butterfly	tl4498	2 parallel 1km transects, akin to BBS birds survey, but also like butterfly transect	BC
89	Ouse washes (Mepal)	none	Great Green Bushcricket	TL420793	it involves roughly fortnightly visits between July and the end of September	independent
90	Aldreth	none	Great Green Bushcricket	TL440724	it involves roughly fortnightly visits between July and the end of September	independent
91	Melbourn	WCBS - BC	Butterfly	TL3843	2 parallel 1km transects, akin to BBS birds survey, but also like butterfly transect	BC
92	Landbeach	WCBS - BC	Butterfly	TL4764	2 parallel 1km transects, akin to BBS birds survey, but also like butterfly transect	BC
93	Stretham	WCBS - BTO	Butterfly	TL5373	2 parallel 1km transects, akin to BBS birds survey, but also like butterfly transect	BC

94	Six Mile Bottom	WCBS - BTO	Butterfly	TL5756	2 parallel 1km transects, akin to BBS birds survey, but also like butterfly transect	BC
95	Wennington	WCBS - BTO	Butterfly	TL2479	2 parallel 1km transects, akin to BBS birds survey, but also like butterfly transect	BC
96	Ramsey	WCBS - BTO	Butterfly	TL2684	2 parallel 1km transects, akin to BBS birds survey, but also like butterfly transect	BC
97	Longstowe estate	CBC-BTO	Birds	TL3055	Common Bird Census - 5 year survey cycle of farmland blocks	independent
98	Wimpole estate	CBC-BTO	Birds	TL3350	Common Bird Census - 5 year survey cycle of farmland blocks	independent
99	River Cam – Trumpington	WT other	Aquatic invertebrates	TL4353	annual river invertebrate sampling (BWMP protocol)	WTBCN
100	Hemingford Grey Meadow	WT other	Plants	TL3071	floodplain meadows transects	WTBCN
101	Haslingfield Pit	WT other	Plants	TL408517	annual orchid count	WTBCN
102	Thriplow Meadows	WT other	Plants	TL4447	annual orchid count	WTBCN