

Appendix 9.6  
**Wetland Bird Survey (WeBS) Data 01/02 – 05/06**



## Appendix 9.6

### Wetland Bird Survey (WeBS) Data 01/02 – 05/06

Five year summary for the Entire Cotswold Water Park (CWP)

Table1: Total Counts - All Species Combined.

Year	Peak Monthly Total	Autumn Peak	Winter Peak	Spring Peak
01/02	16062 (JAN)	11943	18658	N/C
02/03	15151 (JAN)	8590	16131	N/C
03/04	16242 (JAN)	10572	19900	N/C
04/05	14815 (DEC)	14330	16688	N/C
05/06	17167 (JAN)	13784	18327	N/C
<b>MEAN</b>		11844	17941	N/C

Peak monthly total = maximum of the sum of the counts of all species within each month. Seasonal peaks = sum of the maximum counts of all species within each season.

Table 2: Five-year average monthly counts of each species.

Species	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
<b>Mute Swan</b>			306(3, 2)	331(3, 2)	271(4, 1)	253(4, 1)	230(4, 1)	187(5, .)	176(4, 1)			
<b>Black Swan</b>			1(5, .)	0(5, .)	2(5, .)	0(5, .)	1(5, .)	1(5, .)	1(4, 1)			
<b>Bewick's Swan</b>			0(5, .)	0(5, .)	0(5, .)	0(5, .)	0(5, .)	0(5, .)	0(5, .)			
<b>Whooper Swan</b>			0(5, .)	0(5, .)	0(5, .)	0(5, .)	0(5, .)	0(5, .)	0(5, .)			
<b>Bean Goose</b>			0(5, .)	0(5, .)	0(5, .)	0(5, .)	0(5, .)	0(5, .)	0(5, .)			
<b>European White-fronted Goose</b>			0(5, .)	0(5, .)	0(4, 1)	0(5, .)	0(5, .)	1(5, .)	0(5, .)			
<b>Greylag Goose (re-established)</b>			52(5, .)	68(5, .)	41(4, 1)	51(5, .)	79(5, .)	55(5, .)	34(4, 1)			
<b>Greylag Goose (domestic)</b>			0(5, .)	0(5, .)	0(5, .)	0(5, .)	0(5, .)	0(5, .)	0(5, .)			

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Species	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
<b>Bar-headed Goose</b>			0(5,.)	0(5,.)	0(5,.)	0(5,.)	1(5,.)	1(5,.)	0(4,1)			
<b>Greater Canada Goose</b>			383(4,1)	348(3,2)	449(4,1)	431(4,1)	391(4,1)	386(4,1)	307(4,1)			
<b>Barnacle Goose (naturalised population)</b>			1(3,2)	1(5,.)	1(5,.)	0(4,1)	1(4,1)	1(4,1)	1(4,1)			
<b>Shelduck</b>			1(2,3)	4(1,4)	1(2,3)	5(2,3)	10(1,4)	10(2,3)	14(1,4)			
<b>Muscovy Duck</b>			1(5,.)	0(4,1)	0(5,.)	1(5,.)	1(4,1)	0(5,.)	0(5,.)			
<b>Wood Duck</b>			0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)			
<b>Mandarin</b>			0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(3,2)	0(4,1)			
<b>Wigeon</b>			141(4,1)	531(4,1)	891(4,1)	1169(4,1)	1759(4,1)	1382(4,1)	831(5,.)			
<b>Gadwall</b>			63(4,1)	108(3,2)	231(4,1)	370(4,1)	412(5,.)	347(5,.)	139(5,.)			
<b>Teal</b>			222(3,2)	337(2,3)	331(3,2)	591(3,2)	1095(3,2)	431(3,2)	188(3,2)			
<b>Mallard</b>			809(3,2)	944(3,2)	696(4,1)	822(4,1)	863(4,1)	536(4,1)	381(4,1)			
<b>Feral/hybrid mallard type</b>			3(3,2)	2(2,3)	2(3,2)	3(3,2)	5(2,3)	2(3,2)	5(4,1)			
<b>Pintail</b>			3(2,3)	1(5,.)	5(4,1)	9(5,.)	44(4,1)	25(5,.)	45(5,.)			
<b>Garganey</b>			2(2,3)	1(2,3)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)			
<b>Shoveler</b>			84(2,3)	104(2,3)	76(3,2)	117(4,1)	127(3,2)	136(4,1)	156(4,1)			
<b>Ringed Teal</b>			0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)			
<b>Red-crested Pochard</b>			59(5,.)	89(5,.)	51(4,1)	73(4,1)	100(5,.)	90(5,.)	63(4,1)			
<b>Pochard</b>			223(4,1)	587(4,1)	838(4,1)	991(4,1)	962(5,.)	793(5,.)	471(4,1)			
<b>Tufted Duck</b>			733(4,1)	935(4,1)	1258(4,1)	1348(4,1)	1382(4,1)	1398(5,.)	1236(4,1)			
<b>Goldeneye</b>			0(4,1)	3(4,1)	55(4,1)	120(4,1)	138(4,1)	138(4,1)	138(4,1)			
<b>Smew</b>			0(5,.)	0(4,1)	1(4,1)	8(4,1)	22(4,1)	23(4,1)	13(3,2)			
<b>Red-breasted Merganser</b>			0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(3,2)			
<b>Goosander</b>			0(5,.)	0(2,3)	6(4,1)	35(4,1)	59(5,.)	45(4,1)	52(2,3)			
<b>Ruddy Duck</b>			13(4,1)	55(3,2)	79(4,1)	108(4,1)	71(3,2)	54(4,1)	46(4,1)			
<b>Little Grebe</b>			31(4,1)	33(5,.)	29(4,1)	25(4,1)	27(4,1)	23(5,.)	20(5,.)			
<b>Great Crested Grebe</b>			403(4,1)	370(4,1)	333(4,1)	293(4,1)	274(4,1)	272(4,1)	254(4,1)			
<b>Red-necked Grebe</b>			0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)			

Species	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
<b>Black-necked Grebe</b>			0(5,.)	0(3,2)	0(5,.)	0(5,.)	0(4,1)	0(5,.)	0(5,.)			
<b>Cormorant</b>			62(4,1)	98(3,2)	105(4,1)	140(4,1)	133(5,.)	108(5,.)	103(5,.)			
<b>Shag</b>			0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)			
<b>Little Egret</b>			5(1,4)	4(2,3)	7(2,3)	7(2,3)	6(2,3)	8(2,3)	7(1,4)			
<b>Grey Heron</b>			24(3,2)	27(2,3)	30(4,1)	28(4,1)	28(3,2)	41(4,1)	29(4,1)			
<b>Water Rail</b>			0(4,1)	1(3,2)	2(3,2)	3(3,2)	5(2,3)	2(3,2)	5(3,2)			
<b>Moorhen</b>			106(4,1)	114(3,2)	113(4,1)	107(4,1)	94(4,1)	82(4,1)	85(4,1)			
<b>Coot</b>			4400(4,1)	5607(4,1)	5725(4,1)	6233(4,1)	5435(5,.)	3818(5,.)	2533(5,.)			
<b>Oystercatcher</b>			0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(3,2)	1(2,3)	4(2,3)			
<b>Little Ringed Plover</b>			0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(3,2)	0(3,2)			
<b>Ringed Plover</b>			0(1,4)	0(2,3)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)			
<b>Golden Plover</b>			22(1,4)	139(3,2)	274(3,2)	25(3,2)	172(3,2)	75(4,1)	119(4,1)			
<b>Lapwing</b>			1432(1,4)	651(2,3)	773(3,2)	861(3,2)	1467(2,3)	348(2,3)	102(1,4)			
<b>Curlew Sandpiper</b>			1(4,1)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)			
<b>Dunlin</b>			0(3,2)	1(5,.)	0(3,2)	0(3,2)	8(4,1)	3(5,.)	2(1,4)			
<b>Ruff</b>			2(3,2)	0(4,1)	0(5,.)	0(5,.)	0(5,.)	0(3,2)	0(3,2)			
<b>Jack Snipe</b>			0(5,.)	0(5,.)	0(5,.)	0(4,1)	0(3,2)	0(5,.)	0(5,.)			
<b>Snipe</b>			25(2,3)	35(2,3)	31(2,3)	10(2,3)	35(2,3)	15(1,4)	14(1,4)			
<b>Black-tailed Godwit</b>			1(1,4)	0(1,4)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)			
<b>Curlew</b>			7(5,.)	0(4,1)	6(4,1)	112(4,1)	8(3,2)	10(4,1)	19(4,1)			
<b>Redshank</b>			0(5,.)	0(4,1)	0(3,2)	0(4,1)	0(4,1)	0(5,.)	2(5,.)			
<b>Greenshank</b>			1(1,4)	0(2,3)	0(2,3)	0(5,.)	0(5,.)	0(5,.)	0(5,.)			
<b>Green Sandpiper</b>			12(2,3)	13(2,3)	9(2,3)	5(2,3)	5(2,3)	6(2,3)	6(2,3)			
<b>Common Sandpiper</b>			5(1,4)	2(2,3)	0(2,3)	0(3,2)	0(3,2)	0(5,.)	0(5,.)			
<b>Turnstone</b>			0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)			
<b>Black-headed Gull</b>			478(2,3)	843(3,2)	845(4,1)	628(3,2)	985(2,3)	886(,5)	522(,5)			
<b>Common Gull</b>			11(1,4)	3(2,3)	5(2,3)	12(2,3)	17(2,3)	9(3,2)	20(4,1)			
<b>Lesser Black-backed Gull</b>			706(1,4)	227(1,4)	714(2,3)	62(3,2)	103(1,4)	124(2,3)	21(2,3)			
<b>Herring Gull</b>			1(4,1)	8(4,1)	5(4,1)	2(4,1)	11(4,1)	4(4,1)	2(4,1)			
<b>Great Black-backed Gull</b>			0(4,1)	5(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)			

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Species	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
<b>Black Tern</b>			2(2,3)	0(2,3)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)			
<b>Common Tern</b>			1(.,5)	0(.,5)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)			
<b>Kingfisher</b>			4(2,3)	3(4,1)	3(4,1)	2(2,3)	4(2,3)	2(2,3)	3(2,3)			

Figure in parentheses give number of complete and incomplete counts upon which the average is based. Incomplete counts are excluded from calculation where, if included, they would depress the mean.

Table 3: Five-year peak monthly counts of each species

Species	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
<b>Mute Swan</b>			380	359	309	284	294	253	205			
<b>Black Swan</b>			4	2	4	0	2	2	1			
<b>Bewick's Swan</b>			0	0	0	2	0	2	0			
<b>Whooper Swan</b>			0	0	0	2	0	0	0			
<b>Bean Goose</b>			0	0	0	0	1	0	0			
<b>European White-fronted Goose</b>			0	0	0	2	0	7	0			
<b>Greylag Goose (re-established)</b>			79	101	62	88	186	114	44			
<b>Greylag Goose (domestic)</b>			0	0	0	0	1	0	1			
<b>Bar-headed Goose</b>			0	0	0	0	3	3	0			
<b>Greater Canada Goose</b>			475	536	561	581	483	429	473			
<b>Barnacle Goose (naturalised population)</b>			2	2	2	0	3	2	2			
<b>Shelduck</b>			2	4	2	5	10	10	14			
<b>Muscovy Duck</b>			5	0	2	3	2	2	0			
<b>Wood Duck</b>			0	1	0	0	0	0	0			
<b>Mandarin</b>			1	2	0	0	0	0	1			
<b>Wigeon</b>			244	876	1190	1332	2513	1714	1372			
<b>Gadwall</b>			94	150	325	476	510	458	287			
<b>Teal</b>			313	357	448	838	2251	545	340			
<b>Mallard</b>			908	1047	819	946	1123	703	443			
<b>Feral/hybrid mallard type</b>			5	6	5	10	10	6	13			
<b>Pintail</b>			4	7	17	39	133	111	220			
<b>Garganey</b>			4	1	0	0	0	0	0			
<b>Shoveler</b>			114	110	95	156	177	280	274			

Species	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
<b>Ringed Teal</b>			2	0	0	1	0	1	0			
<b>Red-crested Pochard</b>			96	129	86	122	188	153	84			
<b>Pochard</b>			320	835	935	1135	1305	952	624			
<b>Tufted Duck</b>			913	1201	1409	1523	1681	1590	1449			
<b>Goldeneye</b>			0	9	73	124	209	155	162			
<b>Smew</b>			0	1	2	16	32	33	16			
<b>Red-breasted Merganser</b>			0	0	0	0	0	0	1			
<b>Goosander</b>			0	0	11	52	82	76	64			
<b>Ruddy Duck</b>			30	71	125	128	99	97	66			
<b>Little Grebe</b>			40	49	38	35	36	28	30			
<b>Great Crested Grebe</b>			468	409	358	328	359	316	283			
<b>Red-necked Grebe</b>			0	0	0	1	0	0	1			
<b>Black-necked Grebe</b>			0	0	1	1	1	1	1			
<b>Cormorant</b>			114	128	131	176	172	141	153			
<b>Shag</b>			0	0	0	0	2	0	0			
<b>Little Egret</b>			5	5	10	7	7	10	7			
<b>Grey Heron</b>			32	28	43	30	30	56	32			
<b>Water Rail</b>			1	2	6	5	5	3	10			
<b>Moorhen</b>			163	153	136	133	143	116	104			
<b>Coot</b>			4747	6046	5842	6396	6549	4939	3453			
<b>Oystercatcher</b>			0	0	0	0	0	2	4			
<b>Little Ringed Plover</b>			1	0	0	0	0	0	1			
<b>Ringed Plover</b>			2	0	0	0	0	0	0			
<b>Golden Plover</b>			42	272	671	76	601	300	475			
<b>Lapwing</b>			1432	983	1172	1462	1728	526	137			
<b>Curlew Sandpiper</b>			3	0	0	0	0	0	0			
<b>Dunlin</b>			1	6	1	1	33	12	2			
<b>Ruff</b>			4	0	0	0	0	0	0			
<b>Jack Snipe</b>			0	1	0	1	1	0	0			
<b>Snipe</b>			28	56	57	12	66	15	16			
<b>Black-tailed Godwit</b>			5	0	1	0	0	0	0			
<b>Curlew</b>			37	1	15	422	16	26	48			
<b>Redshank</b>			1	0	0	0	1	0	4			
<b>Greenshank</b>			3	0	0	1	0	0	0			
<b>Green Sandpiper</b>			12	13	12	6	9	6	8			
<b>Common Sandpiper</b>			5	3	0	0	0	1	0			
<b>Turnstone</b>			0	0	0	0	0	1	0			
<b>Black-headed Gull</b>			629	1180	1131	824	1094	1267	1117			
<b>Common Gull</b>			19	6	7	20	22	14	62			

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Species	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
<b>Lesser Black-backed Gull</b>			706	466	986	141	113	211	44			
<b>Herring Gull</b>			2	30	6	5	30	18	4			
<b>Great Black-backed Gull</b>			0	27	0	0	0	0	2			
<b>Black Tern</b>			3	0	0	0	0	0	0			
<b>Common Tern</b>			3	0	0	0	0	0	0			
<b>Kingfisher</b>			7	5	6	3	6	2	5			

Table 4a: Five-year autumn peak counts, and month in which this was recorded, of each species.

Species	2001/ 2002	2002/ 2003	2003/ 2004	2004/ 2005	2005/ 2006	Mean Peak
<b>Mute Swan</b>	307 (OCT)	(237) (OCT)	(278) (OCT)	326 (OCT)	380 (SEP)	338
<b>Black Swan</b>	4 (SEP)	2 (SEP)	0	1 (SEP)	0	1
<b>Greylag Goose (re-established)</b>	37 (SEP)	101 (OCT)	82 (OCT)	80 (OCT)	78 (SEP)	76
<b>Greater Canada Goose</b>	536 (OCT)	(393) (SEP)	403 (SEP)	475 (SEP)	240 (OCT)	414
<b>Barnacle Goose (naturalised population)</b>	2 (OCT)	(0)	2 (SEP)	1 (OCT)	(1) (SEP)	2
<b>Shelduck</b>	(2) (OCT)	(2) (OCT)	4 (OCT)	(0)	(0)	4
<b>Muscovy Duck</b>	0	0	0	0	5 (SEP)	1
<b>Wood Duck</b>	0	0	0	1 (OCT)	0	0
<b>Mandarin</b>	0	1 (SEP)	2 (OCT)	0	0	1
<b>Wigeon</b>	614 (OCT)	(331) (OCT)	237 (OCT)	396 (OCT)	876 (OCT)	531
<b>Gadwall</b>	72 (OCT)	(57) (OCT)	(103) (OCT)	102 (OCT)	150 (OCT)	108
<b>Teal</b>	(357) (OCT)	(174) (OCT)	(249) (OCT)	305 (OCT)	350 (OCT)	337
<b>Mallard</b>	1003 (OCT)	(680) (OCT)	815 (SEP)	783 (OCT)	1047 (OCT)	912
<b>Feral/hybrid mallard type</b>	0	(4) (SEP)	(6) (OCT)	2 (SEP)	5 (SEP)	3
<b>Pintail</b>	1 (SEP)	(0)	7 (OCT)	(0)	4 (SEP)	4
<b>Garganey</b>	(0)	(4) (SEP)	(0)	1 (SEP)	0	2
<b>Shoveler</b>	(61) (OCT)	(11) (OCT)	(39) (SEP)	97 (OCT)	114 (SEP)	106
<b>Ringed Teal</b>	0	0	2 (SEP)	0	0	0
<b>Red-crested Pochard</b>	70 (SEP)	27 (OCT)	112 (OCT)	129 (OCT)	127 (OCT)	93
<b>Pochard</b>	794 (OCT)	(264) (SEP)	(330) (OCT)	480 (OCT)	835 (OCT)	703
<b>Tufted Duck</b>	616 (OCT)	(601) (SEP)	828 (OCT)	1094 (OCT)	1201 (OCT)	935
<b>Goldeneye</b>	0	(4) (OCT)	0	9 (OCT)	4 (OCT)	3

Species	2001/ 2002	2002/ 2003	2003/ 2004	2004/ 2005	2005/ 2006	Mean Peak
<b>Smew</b>	0	0	0	0	1 (OCT)	0
<b>Ruddy Duck</b>	(33) (OCT)	(8) (SEP)	68 (OCT)	71 (OCT)	25 (OCT)	55
<b>Little Grebe</b>	49 (OCT)	27 (OCT)	27 (SEP)	34 (OCT)	36 (SEP)	35
<b>Great Crested Grebe</b>	371 (SEP)	(338) (SEP)	387 (SEP)	404 (OCT)	468 (SEP)	408
<b>Cormorant</b>	49 (OCT)	(37) (OCT)	(78) (OCT)	128 (OCT)	116 (OCT)	98
<b>Little Egret</b>	(3) (OCT)	(1) (SEP)	(5) (SEP)	5 (OCT)	3 (OCT)	4
<b>Grey Heron</b>	(25) (OCT)	(18) (SEP)	(25) (OCT)	32 (SEP)	28 (OCT)	30
<b>Water Rail</b>	(1) (SEP)	0	1 (SEP)	1 (OCT)	2 (OCT)	1
<b>Moorhen</b>	90 (OCT)	(106) (OCT)	(132) (OCT)	80 (OCT)	163 (SEP)	116
<b>Coot</b>	6046 (OCT)	(3839) (OCT)	4904 (OCT)	5808 (OCT)	5668 (OCT)	5607
<b>Little Ringed Plover</b>	0	0	1 (SEP)	0	0	0
<b>Ringed Plover</b>	(0)	(2) (SEP)	(0)	(0)	0	1
<b>Golden Plover</b>	(97) (OCT)	(0)	272 (OCT)	84 (OCT)	61 (OCT)	139
<b>Lapwing</b>	(263) (OCT)	(328) (SEP)	(587) (OCT)	1432 (SEP)	(573) (SEP)	1432
<b>Curlew Sandpiper</b>	3 (SEP)	(0)	0	0	0	1
<b>Dunlin</b>	6 (OCT)	(0)	0	1 (SEP)	0	2
<b>Ruff</b>	(0)	(0)	4 (SEP)	0	2 (SEP)	2
<b>Jack Snipe</b>	0	1 (OCT)	0	0	0	0
<b>Snipe</b>	(8) (OCT)	(9) (OCT)	(15) (OCT)	56 (OCT)	22 (SEP)	39
<b>Black-tailed Godwit</b>	0	(0)	(5) (SEP)	(0)	(0)	3
<b>Curlew</b>	0	0	1 (OCT)	0	37 (SEP)	8
<b>Redshank</b>	0	0	0	1 (SEP)	0	0
<b>Greenshank</b>	(3) (SEP)	(0)	(1) (SEP)	(1) (SEP)	0	1
<b>Green Sandpiper</b>	(8) (OCT)	(3) (SEP)	(6) (OCT)	13 (OCT)	13 (OCT)	13
<b>Common Sandpiper</b>	(2) (SEP)	(3) (OCT)	(3) (SEP)	(0)	5 (SEP)	5
<b>Black-headed Gull</b>	(299) (SEP)	767 (OCT)	(386) (OCT)	1180 (OCT)	(629) (SEP)	974
<b>Common Gull</b>	(0)	(0)	(19) (SEP)	2 (SEP)	6 (OCT)	9
<b>Lesser Black-backed Gull</b>	(106) (OCT)	(174) (OCT)	(140) (OCT)	706 (SEP)	(466) (OCT)	706
<b>Herring Gull</b>	0	(30) (OCT)	0	2 (OCT)	7 (OCT)	8
<b>Great Black-backed Gull</b>	0	(0)	0	0	27 (OCT)	7
<b>Black Tern</b>	0	(0)	(0)	3 (SEP)	(0)	2
<b>Common Tern</b>	(1) (SEP)	(3) (SEP)	(1) (SEP)	(0)	(2) (SEP)	(3)
<b>Kingfisher</b>	4 (OCT)	(3) (SEP)	(5) (SEP)	4 (OCT)	7 (SEP)	5

Where a count is enclosed by parentheses this indicates that it was considered incomplete i.e. those parts of the site not visited typically holds at least 25% of the species in question. Incomplete counts are excluded from calculation where, if included, they would depress the mean. When all counts are considered to be incomplete the maximum replaces the mean.

Appendix 9.6  
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Table 4b: Five-year winter peak counts, and month in which this was recorded, of each species.

Species	2001/ 2002	2002/ 2003	2003/ 2004	2004/ 2005	2005/ 2006	Mean Peak
Mute Swan	268 (NOV)	190 (FEB)	284 (DEC)	231 (DEC)	309 (NOV)	256
Black Swan	4 (NOV)	2 (NOV)	0	2 (NOV)	1 (FEB)	2
Bewick's Swan	0	0	0	2 (DEC)	0	0
Whooper Swan	0	0	2 (DEC)	0	0	0
Bean Goose	0	0	0	1 (JAN)	0	0
European White-fronted Goose	0	(0)	0	2 (DEC)	7 (FEB)	2
Greylag Goose (re- established)	186 (JAN)	(42) (MAR)	114 (FEB)	79 (JAN)	58 (DEC)	109
Greylag Goose (domestic)	0	0	1 (JAN)	0	0	0
Bar-headed Goose	0	0	3 (FEB)	3 (JAN)	0	1
Greater Canada Goose	483 (JAN)	(355) (JAN)	561 (NOV)	581 (DEC)	390 (NOV)	504
Barnacle Goose (naturalised population)	2 (MAR)	2 (NOV)	1 (NOV)	1 (MAR)	3 (JAN)	2
Shelduck	(6) (MAR)	(4) (MAR)	(10) (MAR)	14 (MAR)	10 (JAN)	12
Muscovy Duck	0	0	0	0	3 (DEC)	1
Mandarin	0	0	1 (MAR)	0	0	0
Wigeon	1714 (FEB)	(2513) (JAN)	1726 (JAN)	1267 (FEB)	1806 (JAN)	1805
Gadwall	330 (JAN)	458 (FEB)	510 (JAN)	372 (JAN)	474 (JAN)	429
Teal	696 (JAN)	(2251) (JAN)	745 (JAN)	(357) (JAN)	838 (DEC)	1133
Mallard	1123 (JAN)	(704) (JAN)	889 (DEC)	691 (DEC)	910 (JAN)	903
Feral/hybrid mallard type	0	(3) (NOV)	2 (MAR)	4 (MAR)	13 (MAR)	5
Pintail	220 (MAR)	133 (JAN)	33 (JAN)	17 (NOV)	39 (DEC)	88
Shoveler	110 (DEC)	(231) (MAR)	107 (DEC)	136 (MAR)	280 (FEB)	173
Ringed Teal	0	1 (FEB)	1 (DEC)	0	0	0

Species	2001/ 2002	2002/ 2003	2003/ 2004	2004/ 2005	2005/ 2006	Mean Peak
<b>Red-crested Pochard</b>	99 (JAN)	(88) (DEC)	122 (DEC)	68 (JAN)	188 (JAN)	119
<b>Pochard</b>	1305 (JAN)	748 (JAN)	1116 (DEC)	952 (FEB)	1065 (JAN)	1037
<b>Tufted Duck</b>	1203 (FEB)	1168 (FEB)	1569 (JAN)	1533 (FEB)	1681 (JAN)	1431
<b>Goldeneye</b>	134 (FEB)	(125) (FEB)	209 (JAN)	148 (MAR)	162 (MAR)	163
<b>Smew</b>	31 (FEB)	(32) (JAN)	20 (JAN)	19 (JAN)	33 (FEB)	27
<b>Red-breasted Merganser</b>	0	(1) (MAR)	0	0	0	0
<b>Goosander</b>	38 (JAN)	55 (JAN)	61 (JAN)	82 (JAN)	64 (MAR)	60
<b>Ruddy Duck</b>	128 (DEC)	(60) (DEC)	128 (DEC)	125 (NOV)	59 (DEC)	110
<b>Little Grebe</b>	38 (NOV)	26 (MAR)	36 (JAN)	36 (JAN)	35 (DEC)	34
<b>Great Crested Grebe</b>	338 (NOV)	(230) (JAN)	326 (NOV)	359 (JAN)	328 (DEC)	338
<b>Red-necked Grebe</b>	0	0	0	0	1 (DEC)	0
<b>Black-necked Grebe</b>	1 (NOV)	0	1 (DEC)	0	0	0
<b>Cormorant</b>	106 (JAN)	97 (FEB)	172 (JAN)	176 (DEC)	153 (MAR)	141
<b>Shag</b>	0	0	0	2 (JAN)	0	0
<b>Little Egret</b>	(4) (NOV)	(10) (FEB)	(7) (JAN)	10 (FEB)	10 (NOV)	10
<b>Grey Heron</b>	36 (FEB)	(19) (DEC)	46 (FEB)	56 (FEB)	30 (JAN)	42
<b>Water Rail</b>	(5) (JAN)	(2) (FEB)	4 (JAN)	10 (MAR)	5 (JAN)	6
<b>Moorhen</b>	103 (DEC)	(84) (FEB)	136 (NOV)	115 (DEC)	143 (JAN)	124
<b>Coot</b>	6549 (JAN)	4422 (JAN)	6338 (DEC)	5883 (DEC)	6396 (DEC)	5918
<b>Oystercatcher</b>	(2) (MAR)	0	(3) (MAR)	4 (MAR)	3 (MAR)	3
<b>Little Ringed Plover</b>	0	(1) (MAR)	0	0	0	0
<b>Golden Plover</b>	475 (MAR)	(601) (JAN)	671 (NOV)	150 (NOV)	0	379
<b>Lapwing</b>	(997) (JAN)	(530) (JAN)	1728 (JAN)	1462 (DEC)	1206 (JAN)	1465
<b>Dunlin</b>	(2) (MAR)	33 (JAN)	0	2 (MAR)	1 (DEC)	9
<b>Jack Snipe</b>	0	0	0	1 (DEC)	1 (JAN)	0
<b>Snipe</b>	(16) (MAR)	(14) (FEB)	(12) (NOV)	57 (NOV)	66 (JAN)	62
<b>Black-tailed Godwit</b>	0	0	0	0	1 (NOV)	0
<b>Curlew</b>	(0)	0	422 (DEC)	26 (MAR)	48 (MAR)	124
<b>Redshank</b>	3 (MAR)	4 (MAR)	1 (MAR)	0	1 (MAR)	2
<b>Greenshank</b>	(0)	0	(0)	0	1 (DEC)	0

Appendix 9.6  
Wetland Bird Survey (WeBs) Data 01/02 – 05/06

Species	2001/ 2002	2002/ 2003	2003/ 2004	2004/ 2005	2005/ 2006	Mean Peak
<b>Green Sandpiper</b>	(8) (MAR)	(3) (FEB)	(5) (JAN)	12 (NOV)	6 (NOV)	9
<b>Common Sandpiper</b>	(0)	(0)	(0)	0	1 (FEB)	1
<b>Turnstone</b>	0	0	1 (FEB)	0	0	0
<b>Black-headed Gull</b>	894 (NOV)	(835) (FEB)	1094 (JAN)	(1267) (FEB)	(903) (MAR)	1085
<b>Common Gull</b>	8 (MAR)	(2) (FEB)	(13) (DEC)	12 (JAN)	62 (MAR)	27
<b>Lesser Black-backed Gull</b>	(986) (NOV)	(45) (JAN)	633 (NOV)	(352) (NOV)	522 (NOV)	714
<b>Herring Gull</b>	3 (NOV)	(3) (NOV)	30 (JAN)	7 (JAN)	6 (JAN)	12
<b>Great Black-backed Gull</b>	0	2 (MAR)	0	0	0	0
<b>Kingfisher</b>	(4) (MAR)	(2) (NOV)	6 (NOV)	2 (NOV)	5 (MAR)	4

Where a count is enclosed by parentheses this indicates that it was considered incomplete i.e. those parts of the site not visited typically holds at least 25% of the species in question. Incomplete counts are excluded from calculation where, if included, they would depress the mean. When all counts are considered to be incomplete the maximum replaces the mean.

Table 5: National and International importance of the site for each species.

Species	Autumn cf National Threshold	Winter cf National Threshold	Spring cf National Threshold	Autumn cf International Threshold	Winter cf International Threshold	Spring cf International Threshold	Autumn 5yr mean of peaks	Winter 5yr mean of peaks	Spring 5yr mean of peaks
<b>Mute Swan</b>	90%	68%	N/A	106%	80%	N/A	338	256	
<b>Black Swan</b>	N/A	N/A	N/A	N/A	N/A	N/A	1	2	
<b>European White-fronted Goose</b>	0%	3%	N/A	0%	0%	N/A	0	2	
<b>Greylag Goose (re- established)</b>	N/A	N/A	N/A	N/A	N/A	N/A	76	109	

Species	Autumn of National Threshold	Winter of National Threshold	Spring of National Threshold	Autumn of International Threshold	Winter of International Threshold	Spring of International Threshold	Autumn 5yr mean of peaks	Winter 5yr mean of peaks	Spring 5yr mean of peaks
Bar-headed Goose	N/A	N/A	N/A	N/A	N/A	N/A	0	1	
Greater Canada Goose	N/A	N/A	N/A	N/A	N/A	N/A	414	504	
Barnacle Goose (naturalised population)	0%	0%	N/A	0%	0%	N/A	2	2	
Shelduck	1%	2%	N/A	0%	0%	N/A	4	12	
Muscovy Duck	N/A	N/A	N/A	N/A	N/A	N/A	1	1	
Mandarin	N/A	N/A	N/A	N/A	N/A	N/A	1	0	
Wigeon	13%	44%	N/A	4%	12%	N/A	531	1805	
Gadwall	63%	251%	N/A	18%	72%	N/A	108	429	
Teal	18%	59%	N/A	7%	23%	N/A	337	1133	
Mallard	26%	26%	N/A	5%	5%	N/A	912	903	
Feral/hybrid mallard type	N/A	N/A	N/A	N/A	N/A	N/A	3	5	
Pintail	1%	32%	N/A	1%	15%	N/A	4	88	
Garganey	N/A	N/A	N/A	0%	0%	N/A	2	0	
Shoveler	72%	117%	N/A	27%	43%	N/A	106	173	
Red-crested Pochard	N/A	N/A	N/A	19%	24%	N/A	93	119	
Pochard	118%	174%	N/A	20%	30%	N/A	703	1037	
Tufted Duck	104%	159%	N/A	8%	12%	N/A	935	1431	
Goldeneye	1%	65%	N/A	0%	1%	N/A	3	163	
Smew	*0%	*675%	N/A	0%	7%	N/A	0	27	
Goosander	0%	37%	N/A	0%	2%	N/A	0	60	
Ruddy Duck	N/A	N/A	N/A	N/A	N/A	N/A	55	110	

Appendix 9.6  
Wetland Bird Survey (WeBs) Data 01/02 – 05/06

Species	Autumn of National Threshold	Winter of National Threshold	Spring of National Threshold	Autumn of International Threshold	Winter of International Threshold	Spring of International Threshold	Autumn 5yr mean of peaks	Winter 5yr mean of peaks	Spring 5yr mean of peaks
Little Grebe	45%	44%	N/A	1%	1%	N/A	35	34	
Great Crested Grebe	257%	213%	N/A	11%	9%	N/A	408	338	
Cormorant	43%	61%	N/A	8%	12%	N/A	98	141	
Little Egret	N/A	N/A	N/A	0%	1%	N/A	4	10	
Grey Heron	N/A	N/A	N/A	1%	2%	N/A	30	42	
Water Rail	N/A	N/A	N/A	0%	0%	N/A	1	6	
Moorhen	2%	2%	N/A	1%	1%	N/A	116	124	
Coot	324%	342%	N/A	32%	34%	N/A	5607	5918	
Oystercatcher	0%	0%	N/A	0%	0%	N/A	0	3	
Ringed Plover	0%	0%	N/A	0%	0%	N/A	1	0	
Golden Plover	6%	15%	N/A	1%	4%	N/A	139	379	
Lapwing	7%	7%	N/A	7%	7%	N/A	1432	1465	
Curlew Sandpiper	N/A	N/A	N/A	0%	0%	N/A	1	0	
Dunlin	0%	0%	N/A	0%	0%	N/A	2	9	
Ruff	*29%	*0%	N/A	0%	0%	N/A	2	0	
Snipe	N/A	N/A	N/A	0%	0%	N/A	39	62	
Black-tailed Godwit	2%	0%	N/A	1%	0%	N/A	3	0	
Curlew	1%	8%	N/A	0%	1%	N/A	8	124	
Redshank	0%	0%	N/A	0%	0%	N/A	0	2	
Greenshank	N/A	*0%	N/A	0%	0%	N/A	1	0	
Green Sandpiper	N/A	N/A	N/A	0%	0%	N/A	13	9	
Common Sandpiper	N/A	N/A	N/A	0%	0%	N/A	5	1	

Species	Autumn of National Threshold	Winter of National Threshold	Spring of National Threshold	Autumn of International Threshold	Winter of International Threshold	Spring of International Threshold	Autumn 5yr mean of peaks	Winter 5yr mean of peaks	Spring 5yr mean of peaks
<b>Black-headed Gull</b>	5%	6%	N/A	5%	5%	N/A	974	1085	
<b>Common Gull</b>	0%	0%	N/A	0%	0%	N/A	9	27	
<b>Lesser Black-backed Gull</b>	141%	143%	N/A	13%	13%	N/A	706	714	
<b>Herring Gull</b>	0%	0%	N/A	0%	0%	N/A	8	12	
<b>Great Black-backed Gull</b>	2%	0%	N/A	0%	0%	N/A	7	0	
<b>Black Tern</b>	N/A	N/A	N/A	0%	0%	N/A	2	0	
<b>Kingfisher</b>	N/A	N/A	N/A	N/A	N/A	N/A	5	4	

Figures given indicate the percentage of the relevant qualifying level represented by the five year mean peak count for the species in question e.g. 50% indicates that the five year mean peak count is half that required for the site to qualify as nationally or internationally important as appropriate for the species in question. Where a count is enclosed by parentheses this indicates that it was considered incomplete i.e. those parts of the site not visited typically holds at least 25% of the species in question. Asterisks indicate that the percentage presented has been derived using a value of 1% of the national population that is less than 50 (50 is normally used as a minimum threshold for designation of sites).