

**APPENDIX D
WETLAND BIRD SURVEY DATA**

**Anita Hogan
Ecologist
Scott Wilson**

WeBS Core Count Data 00/01-04/05

Five year summary for Belfast Lough - Kilroot to Whiteabbey

Table 1: Total Counts - All Species Combined.

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.

Year	Peak Monthly Total	Spring Peak	Autumn Peak	Winter Peak
00/01	6121 (DEC)	N/C	4776	8442
01/02	4842 (OCT)	N/C	5312	5071
02/03	5480 (JAN)	N/C	3017	6621
03/04	4753 (OCT)	N/C	4820	6080
04/05	6776 (DEC)	N/C	3519	8709
MEAN		N/C	4289	6985

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Table2: Five-year average monthly counts of each species.

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.

Species	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Mute Swan	0(5,,)	1(5,,)	0(5,,)	1(4,1)	0(5,,)	1(4,1)	1(3,,)
Whooper Swan	0(5,,)	0(5,,)	0(5,,)	0(5,,)	0(5,,)	0(5,,)	0(3,,)
Light-bellied Brent Goose (East Canadian high Arctic population)	13(5,,)	0(5,,)	3(5,,)	13(4,1)	12(5,,)	30(4,1)	14(3,,)
Shelduck	1(5,,)	0(5,,)	0(5,,)	2(4,1)	2(5,,)	2(4,1)	3(3,,)
Wigeon	0(5,,)	1(5,,)	3(5,,)	0(5,,)	0(5,,)	0(5,,)	0(3,,)
Teal	0(5,,)	1(5,,)	2(5,,)	0(5,,)	0(5,,)	0(5,,)	0(3,,)
Mallard	6(5,,)	9(5,,)	6(5,,)	6(5,,)	8(5,,)	4(5,,)	8(3,,)
Feral/hybrid mallard type	0(5,,)	0(5,,)	0(5,,)	0(4,1)	0(5,,)	0(5,,)	0(3,,)
Pintail	0(5,,)	0(5,,)	0(5,,)	0(5,,)	0(5,,)	0(5,,)	0(3,,)
Scaup	0(5,,)	2(5,,)	12(5,,)	298(5,,)	228(5,,)	114(5,,)	74(3,,)
Eider	764(5,,)	1005(5,,)	727(5,,)	656(5,,)	661(5,,)	508(5,,)	324(3,,)
King Eider	0(5,,)	0(5,,)	0(5,,)	0(5,,)	0(5,,)	0(5,,)	0(3,,)
Long-tailed Duck	0(5,,)	0(5,,)	17(5,,)	15(4,1)	16(5,,)	21(4,1)	13(3,,)
Common Scoter	0(5,,)	0(5,,)	28(5,,)	6(5,,)	0(5,,)	0(5,,)	0(3,,)
Velvet Scoter	0(5,,)	1(5,,)	0(5,,)	1(5,,)	1(5,,)	0(5,,)	0(3,,)
Goldeneye	0(5,,)	1(5,,)	15(5,,)	32(5,,)	46(5,,)	40(5,,)	35(3,,)
Red-breasted Merganser	20(5,,)	42(5,,)	46(5,,)	33(4,1)	38(5,,)	27(4,1)	44(3,,)
Goosander	0(5,,)	0(5,,)	0(5,,)	0(5,,)	0(5,,)	0(5,,)	0(3,,)
Red-throated Diver	2(5,,)	3(5,,)	2(5,,)	8(5,,)	6(5,,)	1(5,,)	5(3,,)
Great Northern Diver	0(5,,)	0(5,,)	0(5,,)	0(4,1)	0(5,,)	0(5,,)	0(3,,)
Great Crested Grebe	703(5,,)	961(5,,)	647(5,,)	493(5,,)	657(5,,)	751(5,,)	553(3,,)
Slavonian Grebe	0(5,,)	0(5,,)	0(5,,)	0(5,,)	0(5,,)	0(5,,)	0(3,,)
Cormorant	115(5,,)	137(5,,)	85(4,1)	110(5,,)	127(5,,)	77(5,,)	122(3,,)
Shag	3(5,,)	14(5,,)	10(4,1)	40(4,1)	19(5,,)	6(4,1)	3(3,,)
Grey Heron	1(5,,)	3(5,,)	2(5,,)	3(4,1)	2(5,,)	1(5,,)	1(3,,)
Oystercatcher	543(5,,)	685(5,,)	1153(5,,)	1035(5,,)	722(5,,)	706(5,,)	725(3,,)
Ringed Plover	100(5,,)	83(5,,)	74(5,,)	41(4,1)	44(5,,)	26(4,1)	11(3,,)
Lapwing	0(5,,)	5(5,,)	0(5,,)	28(5,,)	52(5,,)	50(5,,)	8(3,,)
Knot	0(5,,)	0(5,,)	0(5,,)	0(5,,)	0(5,,)	0(5,,)	0(3,,)
Purple Sandpiper	0(5,,)	0(5,,)	1(5,,)	1(5,,)	2(5,,)	2(5,,)	2(3,,)
Dunlin	3(5,,)	3(5,,)	62(5,,)	81(4,1)	72(5,,)	37(4,1)	28(3,,)
Snipe	0(5,,)	0(5,,)	0(5,,)	0(5,,)	0(5,,)	0(5,,)	0(3,,)
Black-tailed Godwit	2(5,,)	0(5,,)	13(5,,)	5(5,,)	21(5,,)	0(5,,)	2(3,,)

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Five year summary for Belfast Lough - Kilroot to Whiteabbey

Table2: Five-year average monthly counts of each species.

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.

Species	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Bar-tailed Godwit	4(5,.)	9(5,.)	9(5,.)	22(5,.)	11(5,.)	7(5,.)	8(3,.)
Curlew	136(5,.)	135(5,.)	158(4,1)	120(5,.)	194(5,.)	159(5,.)	66(3,.)
Redshank	135(5,.)	228(5,.)	212(5,.)	189(4,1)	231(5,.)	180(4,1)	187(3,.)
Turnstone	152(5,.)	126(5,.)	144(5,.)	109(4,1)	134(5,.)	84(4,1)	98(3,.)
Little Gull	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(3,.)
Black-headed Gull	76(5,.)	338(3,2)	311(5,.)	419(4,1)	609(4,1)	323(4,1)	306(2,1)
Ring-billed Gull	0(5,.)	0(5,.)	0(5,.)	1(4,1)	0(5,.)	1(4,1)	1(3,.)
Common Gull	65(5,.)	156(3,2)	128(5,.)	248(5,.)	250(4,1)	169(5,.)	143(2,1)
Lesser Black-backed Gull	0(5,.)	0(5,.)	1(5,.)	3(5,.)	0(5,.)	4(4,1)	12(3,.)
Herring Gull	13(5,.)	167(3,2)	522(5,.)	561(5,.)	605(4,1)	532(5,.)	294(2,1)
Glaucous Gull	0(5,.)	0(5,.)	0(5,.)	0(5,.)	0(5,.)	1(5,.)	0(3,.)
Great Black-backed Gull	1(5,.)	13(3,2)	23(5,.)	13(5,.)	21(4,1)	7(5,.)	12(2,1)
Kittiwake	1(5,.)	0(5,.)	0(5,.)	0(5,.)	1(5,.)	2(5,.)	0(3,.)
Sandwich Tern	135(5,.)	38(5,.)	0(3,.)	0(3,.)	0(5,.)	0(3,.)	0(3,.)
Common Tern	2(5,.)	1(5,.)	0(3,.)	0(3,.)	0(5,.)	0(3,.)	0(3,.)

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Table3: Five-year peak monthly counts of each species.

Species	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Mute Swan	1	5	0	4	2	4	2
Whooper Swan	0	0	0	2	0	0	1
Light-bellied Brent Goose (East Canadian high Arctic population)	62	1	11	42	48	55	20
Shelduck	3	0	0	6	5	5	6
Wigeon	0	6	9	0	0	0	0
Teal	2	5	9	0	0	0	0
Mallard	11	19	12	15	13	12	11
Feral/hybrid mallard type	0	0	0	1	0	0	0
Pintail	0	0	0	0	1	0	1
Scaup	0	8	61	1217	634	526	210
Eider	1190	1498	1590	1434	1143	954	671
King Eider	0	1	0	0	0	0	0
Long-tailed Duck	0	0	23	26	20	37	15
Common Scoter	1	0	95	26	0	0	0
Velvet Scoter	0	5	1	5	3	0	0
Goldeneye	0	5	29	70	61	58	46
Red-breasted Merganser	38	61	63	48	45	34	52
Goosander	0	1	0	0	0	0	0
Red-throated Diver	7	5	7	31	9	2	8
Great Northern Diver	1	1	1	1	0	1	1
Great Crested Grebe	1506	1499	1541	935	841	1536	713
Slavonian Grebe	0	0	1	0	0	0	0
Cormorant	128	172	137	184	165	149	132
Shag	6	50	26	105	80	15	5
Grey Heron	5	6	4	5	4	3	1
Oystercatcher	774	891	1440	1512	918	841	1031
Ringed Plover	127	101	140	67	73	48	19
Lapwing	0	21	0	115	138	107	25
Knot	1	0	0	1	0	0	0
Purple Sandpiper	1	0	4	5	6	7	5
Dunlin	6	9	165	140	183	92	50
Snipe	0	2	0	0	0	0	0
Black-tailed Godwit	8	0	63	15	105	0	5
Bar-tailed Godwit	9	20	14	67	21	12	19
Curlew	205	301	255	215	309	259	102

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Table3: Five-year peak monthly counts of each species.

Species	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Redshank	201	251	293	254	312	285	274
Turnstone	189	202	215	187	176	153	134
Little Gull	0	1	0	0	0	0	0
Black-headed Gull	110	400	670	595	851	485	586
Ring-billed Gull	0	0	1	1	1	2	2
Common Gull	166	262	207	408	364	378	241
Lesser Black-backed Gull	1	1	3	13	0	7	18
Herring Gull	27	260	1111	1364	918	1602	518
Glaucous Gull	0	0	0	0	0	2	1
Great Black-backed Gull	3	20	44	22	27	14	24
Kittiwake	5	0	0	1	2	9	0
Sandwich Tern	261	149	0	0	0	0	0
Common Tern	7	3	0	0	0	0	0

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Five year summary for Belfast Lough - Kilroot to Whiteabbey

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

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.

Species	2000/2001	2001/2002	2002/2003	2003/2004	2004/2005	Mean Peak
Mute Swan	0	0	0	5 (OCT)	1 (SEP)	1
Light-bellied Brent Goose (East Canadian high Arctic population)	0	62 (SEP)	1 (SEP)	0	0	13
Shelduck	0	0	2 (SEP)	3 (SEP)	0	1
Wigeon	0	6 (OCT)	0	0	0	1
Teal	0	0	2 (SEP)	5 (OCT)	0	1
Mallard	6 (SEP)	19 (OCT)	3 (SEP)	11 (SEP)	11 (OCT)	10
Scaup	8 (OCT)	0	0	0	0	2
Eider	1252 (OCT)	775 (OCT)	531 (SEP)	1498 (OCT)	1021 (OCT)	1015
King Eider	0	1 (OCT)	0	0	0	0
Common Scoter	0	0	1 (SEP)	0	0	0
Velvet Scoter	0	0	5 (OCT)	0	0	1
Goldeneye	0	0	0	5 (OCT)	0	1
Red-breasted Merganser	61 (OCT)	38 (SEP)	35 (OCT)	57 (OCT)	32 (OCT)	45
Goosander	0	1 (OCT)	0	0	0	0
Red-throated Diver	7 (SEP)	2 (SEP)	1 (OCT)	5 (OCT)	4 (OCT)	4
Great Northern Diver	1 (SEP)	1 (OCT)	0	0	1 (OCT)	1
Great Crested Grebe	848 (OCT)	1506 (SEP)	537 (OCT)	1499 (OCT)	468 (SEP)	972
Cormorant	100 (OCT)	128 (SEP)	148 (OCT)	172 (OCT)	141 (OCT)	138
Shag	0	2 (SEP)	5 (SEP)	21 (OCT)	50 (OCT)	16
Grey Heron	1 (OCT)	2 (OCT)	5 (SEP)	6 (OCT)	1 (SEP)	3
Oystercatcher	762 (OCT)	891 (OCT)	481 (OCT)	675 (OCT)	615 (OCT)	685
Ringed Plover	101 (OCT)	127 (SEP)	98 (SEP)	60 (SEP)	114 (SEP)	100
Lapwing	0	21 (OCT)	0	0	2 (OCT)	5
Knot	0	0	0	0	1 (SEP)	0
Purple Sandpiper	1 (SEP)	0	0	0	0	0
Dunlin	9 (OCT)	5 (SEP)	4 (SEP)	1 (OCT)	4 (OCT)	5
Snipe	0	0	0	2 (OCT)	0	0
Black-tailed Godwit	0	0	0	0	8 (SEP)	2
Bar-tailed Godwit	5 (SEP)	19 (OCT)	3 (SEP)	4 (OCT)	20 (OCT)	10
Curlew	110 (SEP)	301 (OCT)	193 (OCT)	140 (OCT)	144 (SEP)	178

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

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.

Species	2000/2001	2001/2002	2002/2003	2003/2004	2004/2005	Mean Peak
Redshank	251 (OCT)	213 (OCT)	228 (OCT)	250 (OCT)	199 (OCT)	228
Turnstone	156 (SEP)	147 (SEP)	189 (SEP)	171 (OCT)	202 (OCT)	173
Little Gull	1 (OCT)	0	0	0	0	0
Black-headed Gull	400 (OCT)	397 (OCT)	218 (OCT)	(81) (OCT)	(316) (OCT)	338
Common Gull	262 (OCT)	122 (OCT)	83 (OCT)	84 (SEP)	(65) (OCT)	138
Lesser Black-backed Gull	1 (OCT)	0	0	1 (OCT)	1 (SEP)	1
Herring Gull	260 (OCT)	237 (OCT)	4 (SEP)	(35) (OCT)	(88) (OCT)	167
Great Black-backed Gull	19 (OCT)	20 (OCT)	1 (SEP)	(2) (OCT)	(4) (OCT)	13
Kittiwake	0	5 (SEP)	2 (SEP)	0	0	1
Sandwich Tern	147 (SEP)	261 (SEP)	234 (SEP)	27 (SEP)	6 (SEP)	135
Common Tern	7 (SEP)	3 (OCT)	3 (SEP)	0	0	3

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Five year summary for Belfast Lough - Kilroot to Whiteabbey

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

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Species	2000/2001	2001/2002	2002/2003	2003/2004	2004/2005	Mean Peak
Mute Swan	0	0	0	4 (DEC)	4 (FEB)	2
Whooper Swan	0	1 (MAR)	0	0	2 (DEC)	1
Light-bellied Brent Goose (East Canadian high Arctic population)	12 (JAN)	7 (FEB)	48 (JAN)	44 (FEB)	55 (FEB)	33
Shelduck	(3) (FEB)	6 (MAR)	5 (FEB)	6 (DEC)	0	4
Wigeon	0	0	9 (NOV)	0	7 (NOV)	3
Teal	0	2 (NOV)	9 (NOV)	0	0	2
Mallard	3 (JAN)	5 (MAR)	13 (DEC)	13 (JAN)	15 (DEC)	10
Feral/hybrid mallard type	0	0	1 (DEC)	0	0	0
Pintail	0	0	0	0	1 (JAN)	0
Scaup	19 (JAN)	11 (DEC)	634 (JAN)	228 (DEC)	1217 (DEC)	422
Eider	1590 (NOV)	533 (DEC)	840 (DEC)	787 (JAN)	1434 (DEC)	1037
Long-tailed Duck	(26) (DEC)	37 (FEB)	23 (NOV)	27 (FEB)	15 (JAN)	26
Common Scoter	0	22 (NOV)	23 (NOV)	95 (NOV)	26 (DEC)	33
Velvet Scoter	0	0	5 (DEC)	1 (NOV)	0	1
Goldeneye	61 (JAN)	56 (FEB)	36 (FEB)	61 (JAN)	70 (DEC)	57
Red-breasted Merganser	55 (NOV)	56 (NOV)	63 (NOV)	52 (MAR)	48 (DEC)	55
Red-throated Diver	4 (DEC)	31 (DEC)	9 (JAN)	5 (JAN)	8 (MAR)	11
Great Northern Diver	1 (NOV)	1 (DEC)	0	1 (NOV)	1 (FEB)	1
Great Crested Grebe	1047 (NOV)	1541 (NOV)	1031 (FEB)	841 (JAN)	623 (JAN)	1017
Slavonian Grebe	0	1 (NOV)	0	0	0	0
Cormorant	73 (FEB)	184 (DEC)	150 (DEC)	160 (JAN)	165 (JAN)	146
Shag	0	0	80 (JAN)	105 (DEC)	8 (JAN)	39
Grey Heron	4 (JAN)	5 (DEC)	5 (DEC)	4 (NOV)	2 (JAN)	4
Oystercatcher	1512 (DEC)	940 (NOV)	838 (JAN)	1440 (NOV)	1438 (NOV)	1234
Ringed Plover	140 (NOV)	85 (NOV)	57 (NOV)	73 (JAN)	67 (DEC)	84
Lapwing	76 (FEB)	101 (JAN)	17 (FEB)	19 (FEB)	138 (JAN)	70
Knot	0	1 (DEC)	0	0	0	0
Purple Sandpiper	5 (DEC)	7 (FEB)	4 (NOV)	5 (JAN)	6 (JAN)	5
Dunlin	183 (JAN)	165 (NOV)	114 (DEC)	46 (FEB)	140 (DEC)	130
Black-tailed Godwit	0	2 (DEC)	63 (NOV)	0	105 (JAN)	34

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

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Species	2000/2001	2001/2002	2002/2003	2003/2004	2004/2005	Mean Peak
Bar-tailed Godwit	12 (FEB)	21 (JAN)	13 (JAN)	17 (DEC)	67 (DEC)	26
Curlew	215 (DEC)	171 (FEB)	192 (NOV)	149 (JAN)	309 (JAN)	207
Redshank	312 (JAN)	293 (NOV)	245 (NOV)	209 (JAN)	254 (DEC)	263
Turnstone	(187) (DEC)	215 (NOV)	151 (NOV)	166 (JAN)	137 (NOV)	171
Black-headed Gull	851 (JAN)	163 (FEB)	632 (JAN)	586 (MAR)	840 (JAN)	614
Ring-billed Gull	0	2 (FEB)	1 (DEC)	0	1 (NOV)	1
Common Gull	408 (DEC)	82 (DEC)	364 (JAN)	241 (MAR)	334 (JAN)	286
Lesser Black-backed Gull	3 (NOV)	7 (FEB)	0	18 (MAR)	17 (MAR)	9
Herring Gull	1602 (FEB)	292 (DEC)	918 (JAN)	653 (FEB)	1111 (NOV)	915
Glaucous Gull	1 (FEB)	2 (FEB)	0	0	0	1
Great Black-backed Gull	36 (NOV)	14 (FEB)	27 (JAN)	24 (MAR)	44 (NOV)	29
Kittiwake	1 (JAN)	9 (FEB)	1 (DEC)	0	0	2

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Five year summary for Belfast Lough - Kilroot to Whiteabbey

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

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).

Species	Spring cf National Threshold	Autumn cf National Threshold	Winter cf National Threshold	Spring cf International Threshold	Autumn cf International Threshold	Winter cf International Threshold	Spring 5yr mean of peaks	Autumn 5yr mean of peaks	Winter 5yr mean of peaks
Mute Swan	N/A	1%	2%	N/A	1%	2%		1	2
Whooper Swan	N/A	0%	1%	N/A	0%	0%		0	1
Light-bellied Brent Goose (East Canadian high Arctic population)	N/A	7%	17%	N/A	7%	17%		13	33
Shelduck	N/A	1%	6%	N/A	0%	0%		1	4
Wigeon	N/A	0%	0%	N/A	0%	0%		1	3
Teal	N/A	0%	0%	N/A	0%	0%		1	2
Mallard	N/A	2%	2%	N/A	0%	0%		10	10
Feral/hybrid mallard type	N/A	N/A	N/A	N/A	N/A	N/A		0	0
Pintail	N/A	0%	0%	N/A	0%	0%		0	0
Scaup	N/A	*7%	*1407%	N/A	0%	14%		2	422
Eider	N/A	*5075%	*5185%	N/A	7%	7%		1015	1037
King Eider	N/A	N/A	N/A	N/A	N/A	N/A		0	0
Long-tailed Duck	N/A	N/A	N/A	N/A	0%	0%		0	26
Common Scoter	N/A	N/A	N/A	N/A	N/A	N/A		0	33
Velvet Scoter	N/A	N/A	N/A	N/A	0%	0%		1	1
Goldeneye	N/A	1%	52%	N/A	0%	1%		1	57
Red-breasted Merganser	N/A	*225%	*275%	N/A	3%	3%		45	55
Goosander	N/A	N/A	N/A	N/A	0%	0%		0	0
Red-throated Diver	N/A	*40%	*110%	N/A	0%	0%		4	11
Great Northern Diver	N/A	N/A	N/A	N/A	2%	2%		1	1
Great Crested Grebe	N/A	*3240%	*3390%	N/A	20%	21%		972	1017
Slavonian Grebe	N/A	N/A	N/A	N/A	0%	0%		0	0
Cormorant	N/A	N/A	N/A	N/A	12%	12%		138	146
Shag	N/A	N/A	N/A	N/A	1%	2%		16	39
Grey Heron	N/A	N/A	N/A	N/A	0%	0%		3	4
Oystercatcher	N/A	137%	247%	N/A	7%	12%		685	1234

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Figures given indicate the percentage of the relevant qualifying level

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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).

Species	Spring cf National Threshold	Autumn cf National Threshold	Winter cf National Threshold	Spring cf International Threshold	Autumn cf International Threshold	Winter cf International Threshold	Spring 5yr mean of peaks	Autumn 5yr mean of peaks	Winter 5yr mean of peaks
Ringed Plover	N/A	80%	67%	N/A	14%	12%		100	84
Lapwing	N/A	0%	3%	N/A	0%	0%		5	70
Knot	N/A	0%	0%	N/A	0%	0%		0	0
Purple Sandpiper	N/A	*0%	*50%	N/A	0%	1%		0	5
Dunlin	N/A	0%	10%	N/A	0%	1%		5	130
Snipe	N/A	N/A	N/A	N/A	0%	0%		0	0
Black-tailed Godwit	N/A	2%	38%	N/A	1%	10%		2	34
Bar-tailed Godwit	N/A	6%	15%	N/A	1%	2%		10	26
Curlew	N/A	20%	24%	N/A	4%	5%		178	207
Redshank	N/A	93%	107%	N/A	18%	20%		228	263
Turnstone	N/A	77%	76%	N/A	17%	17%		173	171
Little Gull	N/A	N/A	N/A	N/A	0%	0%		0	0
Black-headed Gull	N/A	N/A	N/A	N/A	2%	3%		338	614
Ring-billed Gull	N/A	N/A	N/A	N/A	N/A	N/A		0	1
Common Gull	N/A	N/A	N/A	N/A	1%	2%		138	286
Lesser Black-backed Gull	N/A	N/A	N/A	N/A	0%	0%		1	9
Herring Gull	N/A	N/A	N/A	N/A	1%	7%		167	915
Glaucous Gull	N/A	N/A	N/A	N/A	N/A	N/A		0	1
Great Black-backed Gull	N/A	N/A	N/A	N/A	0%	1%		13	29
Kittiwake	N/A	N/A	N/A	N/A	0%	0%		1	2
Sandwich Tern	N/A	N/A	N/A	N/A	8%	0%		135	0
Common Tern	N/A	N/A	N/A	N/A	0%	0%		3	0

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WeBS Low Tide Count data for the winter 2004/2005 for Belfast Lough

Table 1: Raw monthly totals counted for the whole site

Species	Nov	Dec	Jan	Feb	Maximum count	Month of maximum count
Great Crested Grebe	64	55	.	7	64	Nov
Cormorant	50	144	.	.	144	Dec
Shag	2	2	.	.	2	Nov,Dec
Grey Heron	1	.	.	.	1	Nov
Mute Swan	.	.	.	2	2	Feb
Light-bellied Brent Goose	.	10	.	13	13	Feb
Wigeon	7	.	.	.	7	Nov
Mallard	1	11	.	.	11	Dec
Scaup	.	1217	.	526	1217	Dec
Eider	120	870	.	459	870	Dec
Long-tailed Duck	10	1	.	9	10	Nov
Common Scoter	.	26	.	.	26	Dec
Goldeneye	4	62	.	17	62	Dec
Red-breasted Merganser	11	39	.	9	39	Dec
Oystercatcher	512	558	.	214	558	Dec
Ringed Plover	6	.	.	.	6	Nov
Lapwing	.	115	.	107	115	Dec
Black-tailed Godwit	.	15	.	.	15	Dec
Bar-tailed Godwit	1	58	.	1	58	Dec
Curlew	165	125	.	159	165	Nov
Redshank	41	114	.	67	114	Dec
Turnstone	27	44	.	12	44	Dec
Black Guillemot	.	.	.	1	1	Feb

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WeBS Low Tide Count data for the winter 2004/2005 for Belfast Lough

Table 2: Overall counted area per month (in hectares)

Sector code	Intertidal	Sub-tidal	Non-tidal	Total	Months counted
BB002	41	228	0	269	Nov,Dec,Feb
BB003	2	0	0	2	Dec,Feb
BB004	11	49	0	60	Nov,Dec,Feb
Total	54	277	0	331	

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WeBS Low Tide Count data for the winter 2004/2005 for Belfast Lough
Table 3: Peak and mean densities for each species on relevant count sections

Areas in hectares, densities in birds per hectare

Data for gulls and terns not presented, since counting optional and thus statistics unreliable

Sector code	Species	Preferred habitat	Area of preferred habitat	Peak count	Peak density	Mean count	Mean density
BB002	Great Crested Grebe	Sub-tidal	228	59	0.26	39	0.17
BB002	Cormorant	Sub-tidal	228	22	0.10	10	0.04
BB002	Shag	Sub-tidal	228	1	0.00	0	0.00
BB002	Mute Swan	Sub-tidal	228	2	0.01	1	0.00
BB002	Light-bellied Brent Goose	All habitats	269	13	0.05	8	0.03
BB002	Wigeon	All habitats	269	7	0.03	2	0.01
BB002	Mallard	All habitats	269	11	0.04	4	0.01
BB002	Scaup	Sub-tidal	228	1217	5.34	581	2.55
BB002	Eider	Sub-tidal	228	837	3.67	472	2.07
BB002	Long-tailed Duck	Sub-tidal	228	10	0.04	7	0.03
BB002	Common Scoter	Sub-tidal	228	26	0.11	9	0.04
BB002	Goldeneye	Sub-tidal	228	62	0.27	28	0.12
BB002	Red-breasted Merganser	Sub-tidal	228	39	0.17	19	0.08
BB002	Oystercatcher	Intertidal	41	422	10.29	337	8.23
BB002	Ringed Plover	Intertidal	41	6	0.15	2	0.05
BB002	Lapwing	Intertidal & non-tidal	41	112	2.73	37	0.91
BB002	Black-tailed Godwit	Intertidal & non-tidal	41	15	0.37	5	0.12
BB002	Bar-tailed Godwit	Intertidal	41	42	1.02	14	0.34
BB002	Curlew	Intertidal & non-tidal	41	20	0.49	16	0.38
BB002	Redshank	Intertidal & non-tidal	41	54	1.32	45	1.09
BB002	Turnstone	Intertidal	41	42	1.02	24	0.59
BB002	Black Guillemot	Sub-tidal	228	1	0.00	0	0.00
BB003	Cormorant	Sub-tidal	0	133	(66.50)	67	(33.25)
BB003	Oystercatcher	Intertidal	2	29	14.50	16	8.00
BB003	Lapwing	Intertidal & non-tidal	2	107	53.50	55	27.50
BB003	Curlew	Intertidal & non-tidal	2	136	68.00	116	58.00
BB003	Redshank	Intertidal & non-tidal	2	4	2.00	3	1.50
BB004	Great Crested Grebe	Sub-tidal	49	5	0.10	3	0.05
BB004	Cormorant	Sub-tidal	49	28	0.57	10	0.21

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WeBS Low Tide Count data for the winter 2004/2005 for Belfast Lough
Table 3: Peak and mean densities for each species on relevant count sections

Areas in hectares, densities in birds per hectare

Data for gulls and terns not presented, since counting optional and thus statistics unreliable

Sector code	Species	Preferred habitat	Area of preferred habitat	Peak count	Peak density	Mean count	Mean density
BB004	Shag	Sub-tidal	49	2	0.04	1	0.02
BB004	Grey Heron	Intertidal & non-tidal	11	1	0.09	0	0.03
BB004	Eider	Sub-tidal	49	33	0.67	11	0.22
BB004	Red-breasted Merganser	Sub-tidal	49	2	0.04	1	0.02
BB004	Oystercatcher	Intertidal	11	115	10.45	80	7.27
BB004	Bar-tailed Godwit	Intertidal	11	16	1.45	6	0.55
BB004	Curlew	Intertidal & non-tidal	11	153	13.91	57	5.15
BB004	Redshank	Intertidal & non-tidal	11	61	5.55	27	2.48
BB004	Turnstone	Intertidal	11	5	0.45	4	0.33

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WeBS Low Tide Count data for the winter 2004/2005 for Belfast Lough

Table 4: Mean count and density for each species for the whole site

Densities in birds per hectare

Data for gulls and terns not presented, since counting optional and thus statistics unreliable. Note these values are the sums of the values from Table 3 and thus take into account monthly variation in coverage.

Species	Preferred habitat	Total area of preferred habitat	Mean site count	Mean site density
Great Crested Grebe	Sub-tidal	277	42	0.15
Cormorant	Sub-tidal	277	87	0.31
Shag	Sub-tidal	277	1	0.00
Grey Heron	Intertidal & non-tidal	54	0	0.00
Mute Swan	Sub-tidal	277	1	0.00
Light-bellied Brent Goose	All habitats	331	8	0.02
Wigeon	All habitats	331	2	0.01
Mallard	All habitats	331	4	0.01
Scaup	Sub-tidal	277	581	2.10
Eider	Sub-tidal	277	483	1.74
Long-tailed Duck	Sub-tidal	277	7	0.03
Common Scoter	Sub-tidal	277	9	0.03
Goldeneye	Sub-tidal	277	28	0.10
Red-breasted Merganser	Sub-tidal	277	20	0.07
Oystercatcher	Intertidal	54	433	8.02
Ringed Plover	Intertidal	54	2	0.04
Lapwing	Intertidal & non-tidal	54	92	1.70
Black-tailed Godwit	Intertidal & non-tidal	54	5	0.09
Bar-tailed Godwit	Intertidal	54	20	0.37
Curlew	Intertidal & non-tidal	54	189	3.50
Redshank	Intertidal & non-tidal	54	75	1.39
Turnstone	Intertidal	54	28	0.52
Black Guillemot	Sub-tidal	277	0	0.00

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