

BIRD SURVEYS
around
BERWICK-upon-TWEED
Ongoing

**A report on a variety of surveys on birds in and around
Berwick upon Tweed.
Including the BTO WeBS Counts and
BWG's Estuary and Seabird Survey**

by
Berwick Wildlife Group

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The Work of the British Trust for Ornithology

The BTO's 'Mission Statement' is:

To promote and encourage the wider understanding, appreciation and conservation of birds by:

- conducting high-quality, impartial research in field ornithology.**
- providing scientific evidence and advice on priority issues in bird conservation.**
- basing this work on a partnership between amateurs and professionals, conducting fieldwork that is both enjoyable and scientifically rigorous.**

What does this mean in practice? The first thing to note is that the BTO is not a campaigning organisation or pressure group. The Trust exists independently of both the conservation campaigns and the government agencies responsible for environmental protection. This means that the data we gather and the survey results we publish are objective and unbiased. Hence, both government agencies and conservation campaigners can rely on them.

This arrangement is very efficient. Effectively, every pound that supports the work of the BTO is a pound spent twice over. The same BTO projects that enable government agencies to set priorities and monitor the effectiveness of their decisions also enable campaigners to target problem areas and to present well-researched and detailed cases for policy changes.

Through the efforts of BTO volunteers, the bird populations of the British Isles have been monitored more effectively and for longer than those of most other parts of the world. This has produced a uniquely rich and detailed body of scientific work and engaged thousands of people in 'hands on' conservation research. Building on this heritage and reinforcing our core work of volunteer surveys will help us to understand the complex and worrying challenges facing wild birds at a time of great change in the environment that we have to share with them.

Malcolm Hutcheson, a member of Berwick Wildlife Group, is co-ordinator for the Wetland Bird Survey's in the Berwick area.

The Wetland Bird Survey (WeBS)



The Wetland Bird Survey (WeBS) is the scheme which monitors non-breeding waterbirds in the UK. The principal aims of WeBS are to identify population sizes, determine trends in numbers and distribution and to identify important sites for waterbirds.

WeBS is jointly run by the British Trust for Ornithology, The Wildfowl and Wetlands Trust, Royal Society for the Protection of Birds and the Joint Nature Conservation Committee.

WeBS Core Counts

WeBS Core Counts are made annually at around 2,000 wetland sites of all habitats; estuaries and large still waters predominate. Monthly co-ordinated counts are made, mostly by volunteers. The principal months of data collection are from September to March although, increasingly, observations are submitted from the summer months also.

WeBS Low Tide Counts

WeBS Low Tide Counts are made on about 20 selected estuaries each winter (November to February) to determine the distribution of birds during low tide and to identify important feeding areas.



Survey : Coastal WeBS Count
Location : Tweed Estuary



2002

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2002
Red-Throated Diver	2										1		3
Great Northern Diver													
Great Crested Grebe													
Little Grebe	1											5	6
Great Cormorant	9	12	19	16	5	3	6	9	12	20	24	38	173
European Shag													
Grey Heron	26	16	6	7	7	12	21	32	42	38	27	26	260
Little Egret													
Mute Swan	84	120	104	87	210	268	362	414	156	82	104	140	2131
Whooper Swan	2	3	3					1	1	2	78	26	116
Pink-Footed Goose													
Greylag Goose	2			2				2	4				10
Canada Goose						26	9	9	30				74
Brent Goose													
Barnacle Goose	1												1
Common Shelduck		1			4								5
Eurasian Wigeon		3							18	16			37
Common Teal	2								4			2	8
Mallard	105	76	56	15	22	28	22	20	42	45	40	68	539
Northern Pintail			2										2
Northern Shoveler								2					2
Long-Tailed Duck													
Common Pochard													
Tufted Duck	1												1
Common Eider	22	12	22	12	42	4	6	10	12	14	3	6	165
Common Goldeneye	110	214	312	130							118	142	1026
Black Scoter					1								1
Red-Breasted Merganser	2	5	12	6							5	7	37
Goosander	13	6	5	4		10	21	78	54	4	4	35	234
Guillemot													
Razorbill													
Common Coot	9	8	6										23
Eurasian Oystercatcher	8	14	4	8	6	10	12	6	12	8	24	23	135
Ringed Plover	2								78		16	8	104
European Golden Plover									64				64
Grey Plover													
Little Plover													
Northern Lapwing	18	1350	490				196	916	1480	360	460	1440	6710
Red Knot													
Sanderling		8									18	4	30
Dunlin	294	42	18	2			1	5	32		30	82	506
Ruff								4	2				6
Common Snipe													
Black-tailed Godwit													
Bar-Tailed Godwit				1									1
Eurasian Curlew	9	88	48	18	6		32	24	22	34	36	38	355
Whimbrel								1					1
Common Redshank	36	260	234	133	4		28	116	236	436	216	284	1983
Spotted Redshank													
Common Greenshank	1		1						2		1		7
Common Sandpiper					2		2						4
Curlew Sandpiper									1				1
Ruddy Turnstone	18	36		32				5	24		26	4	145
Black-Headed Gull	355	674	158	22	106	44	132	534	218	140	585	1025	3993
Mew Gull	22	76	16	3	10			12	74	28	24	8	273
Lesser Black-Backed Gull				2	26	32	5	58	30	44			197
Herring Gull	318	230	46	510	534	412	428	1120	830	580	230	94	5332
Great Black-Backed Gull	48	22	32	10	8	4		12	18	74	15	29	272
Black-Legged Kittiwake		1	3	34	280	340	38	470	8	6			1180
Sandwich Tern					36		32	55	4				127
Common Tern					8		2	6	2				18
Arctic Tern					2	6							8
Little Gull													
Iceland Gull													
Northern Fulmar													
Total	1520	3277	1597	1054	1319	1199	1355	3923	3512	1931	2085	3534	26306
Wildfowl	391	476	547	279	291	351	447	577	375	221	404	495	4854
Waders	386	1798	795	194	18	10	271	1079	1953	838	827	1883	10052
Gulls/Terns	743	1003	255	581	1010	838	637	2267	1184	872	854	1156	11400
													26306



Survey : Coastal WeBS Count
Location : Tweed Estuary



2003

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2003
Red-Throated Diver	1	2										3	6
Great Northern Diver													
Great Crested Grebe													
Little Grebe		3	1										4
Great Cormorant	20	14	8	2	10	8	12	18	26	28	18	32	196
European Shag											1	3	4
Grey Heron	24	26	5	2	11	14	26	37	35	42	17	16	255
Little Egret													
Mute Swan	210	112	116	115	376	342	446	418	156	67	46	48	2452
Whooper Swan	34	1		1			2		1	2	21		62
Pink-Footed Goose	4												4
Greylag Goose					1			14		26	14	21	76
Canada Goose								24			1	6	31
Brent Goose													
Barnacle Goose													
Common Shelduck			2	6	6	2	1						17
Eurasian Wigeon									9	3			12
Common Teal	10								2				12
Mallard	54	122		22	20	18	16	22	38	43	42	34	431
Northern Pintail													
Northern Shoveler													
Long-Tailed Duck													
Common Pochard													
Tufted Duck		2						2					4
Common Eider	17	4	7	2	2	6	1	4	22	18	16	23	122
Common Goldeneye	240	196	156	28							24	154	798
Black Scoter													
Red-Breasted Merganser	9	4									3	12	28
Goosander	11	14		2	52	16	37	42	10	8	12	4	208
Guillemot													
Razorbill													
Common Coot	5	4											9
Eurasian Oystercatcher		12	14	10		28	14	14	16	22	14	16	160
Ringed Plover			4	8	6	5		2			18		43
European Golden Plover													
Grey Plover	2	3									1		6
Little Plover					2								2
Northern Lapwing	8	40					116	470	208	66	1840	1620	4368
Red Knot													
Sanderling		18									6		24
Dunlin	112	180	36	6			26	4		62	138	24	588
Ruff													
Common Snipe	9												9
Black-tailed Godwit													
Bar-Tailed Godwit										1	1	3	5
Eurasian Curlew	6	8	24	36	18	2	18	28	40	58	32	12	282
Whimbrel					5								5
Common Redshank	363	156	310	330			82	390	238	126	134	68	2197
Spotted Redshank									1				1
Common Greenshank	1	1						2					4
Common Sandpiper				2	1			1					4
Curlew Sandpiper													
Ruddy Turnstone	60	74	26					6	32		26	18	242
Black-Headed Gull	434	264	34	64	36	66	464	320	680	164	560	224	3310
Mew Gull	212	52	18	2			26	6	4	32	1100	36	1488
Lesser Black-Backed Gull			1	8	8	4	14	8	20	4	2		69
Herring Gull	86	88	346	390	370	294	282	338	448	358	1540	316	4856
Great Black-Backed Gull	8	2			6	7	6	24	26	36	172	30	317
Black-Legged Kittiwake				4	110	8	830	860	55	6			1873
Sandwich Tern				24	5	1	12	6		8			56
Common Tern							2	4		6			12
Arctic Tern				1				6		2			9
Little Gull													
Iceland Gull													
Northern Fulmar													
Total	1940	1402	1108	1065	1045	821	2433	3070	2067	1188	5799	2723	24661
Wildfowl	639	504	295	180	478	406	541	581	299	237	215	356	4731
Waders	561	492	414	392	32	35	256	917	535	335	2210	1761	7940
Gulls/Terns	740	406	399	493	535	380	1636	1572	1233	616	3374	606	11990
													24661



Survey : Coastal WeBS Count
Location : Tweed Estuary



2004

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2004
Red-Throated Diver		4								1	4	1	10
Great Northern Diver													
Great Crested Grebe													
Little Grebe	3												3
Great Cormorant	8	7	4	7	9	12	20	9	22	32	34	12	176
European Shag	2	5					36		2				48
Grey Heron	18	3	12	3	5	22	3	32	34	18	9	26	185
Little Egret													
Mute Swan	46		37	66	274	582		316	58	27	38	42	1486
Whooper Swan	1			1	2				1				5
Pink-Footed Goose													
Greylag Goose	14			6	6			34	34	34	24	30	182
Canada Goose	4			2	2			10		4	2		24
Brent Goose									2				2
Barnacle Goose								1					1
Common Shelduck			3	7	2								12
Eurasian Wigeon						2		2	8	11			23
Common Teal	2								3				5
Mallard	104		32	6	12	94		26	24	72	68	62	500
Northern Pintail													
Northern Shoveler													
Long-Tailed Duck												2	2
Common Pochard													
Tufted Duck								3					3
Common Eider	26	83	18	20	17	18	52	11	10	6		10	271
Common Goldeneye	370		166	7	1						80	126	750
Black Scoter							28						28
Red-Breasted Merganser	14	8	2		3						10	12	49
Goosander	5		6			22	86	65	12	33	24	3	256
Guillemot													
Razorbill													
Common Coot													
Eurasian Oystercatcher	4	24	10	5	16	16	34	24	26	5	16	5	185
Ringed Plover					46			19					65
European Golden Plover												74	74
Grey Plover										2	1		3
Little Plover													
Northern Lapwing	8					14		1180	824	1186	34	930	4176
Red Knot													
Sanderling					6								6
Dunlin			28		14			8	2	68	48	188	356
Ruff									1				1
Common Snipe	1										1		2
Black-tailed Godwit													
Bar-Tailed Godwit													
Eurasian Curlew	8	8	54	4	15	14	14	22	26	20	56	12	253
Whimbrel					4								4
Common Redshank	710	3	668	287	1		3	470	550	627	574	438	4331
Spotted Redshank													
Common Greenshank													
Common Sandpiper					1								2
Curlew Sandpiper													
Ruddy Turnstone			32					4	40	54	32	30	192
Black-Headed Gull	760	227	66	12	18	112	12	936	164	674	626	364	3971
Mew Gull	330	6			1		2	213	120	240	650	130	1692
Lesser Black-Backed Gull			2	10	5	4		4		6	3		34
Herring Gull	235	47	232	446	147	145	28	1240	1080	960	368	460	5388
Great Black-Backed Gull	9	3	18	13	3		1	21	34	60	5	104	271
Black-Legged Kittiwake				8	20	82		114	6				230
Sandwich Tern				9	6	10		2	1				28
Common Tern						2							2
Arctic Tern													
Little Gull													
Iceland Gull													
Northern Fulmar							1						1
Total	2682	428	1390	919	636	1151	320	4767	3084	4140	2707	3064	25288
Wildfowl	617	110	280	125	333	752	225	509	210	238	293	329	4021
Waders	731	35	792	296	103	44	51	1728	1469	1962	762	1677	9650
Gulls/Terns	1334	283	318	498	200	355	44	2530	1405	1940	1652	1058	11617
													25288



Survey : Coastal WeBS Count
Location : Tweed Estuary



2005

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2005
Red-Throated Diver		1	1	1							2		5
Great Northern Diver		1											1
Great Crested Grebe				1					2				3
Little Grebe	1	2	2									1	6
Great Cormorant	11	6	7	22	14	6	6	10	24	22	21	17	166
European Shag			4	4						2		2	12
Grey Heron	22	14	12	8	12	14	21	27	42	31	23	21	247
Little Egret													
Mute Swan	42	30	24	109	118	342	460	452	184	94	42	36	1933
Whooper Swan						1	1			2			4
Pink-Footed Goose	2												2
Greylag Goose	18		2	1	4	2		42			2		71
Canada Goose								1					1
Brent Goose													
Barnacle Goose+A250													
Common Shelduck			2	2	3								7
Eurasian Wigeon				2									2
Common Teal		2								2			4
Mallard	64	82	108	46	32	37	16	58	40	68	62	64	677
Northern Pintail													
Northern Shoveler													
Long-Tailed Duck	1			2								1	4
Common Pochard													
Tufted Duck													
Common Eider	10	30	32	48	30	22	15	4	9	26	14	38	278
Common Goldeneye	273	224	130	18								72	717
Black Scoter													
Red-Breasted Merganser	5		2	15		5					2	4	33
Goosander	14	5		2	2	34	17	64	8	4	10	6	166
Guillemot													
Razorbill													
Common Coot	2	2	1									1	6
Eurasian Oystercatcher	6	24		22	4	5	9	5	12	8	6	4	105
Ringed Plover					26	2			27				55
European Golden Plover													
Grey Plover													
Little Plover													
Northern Lapwing	12	38				36	72	1370	1130	365	58	1650	4731
Red Knot													
Sanderling													
Dunlin	4	12			8				6	28	1	102	161
Ruff													
Common Snipe										2			2
Black-tailed Godwit									1				1
Bar-Tailed Godwit									3			1	4
Eurasian Curlew	14	12	74	72	22	28	17	24	58	22	24	32	399
Whimbrel					1		2	1					4
Common Redshank	490	526	452	382	2	4	66	268	315	565	374	316	3760
Spotted Redshank									1				1
Common Greenshank								4					4
Common Sandpiper							2						2
Curlew Sandpiper									1				1
Ruddy Turnstone	34	25	14	26	8		2	6	18	12	74	52	271
Black-Headed Gull	760	374	82	4	2	34	275	322	718	316	212	109	3208
Mew Gull			4	7	6		3	5	280	220	54	60	639
Lesser Black-Backed Gull				2	2	14	8	6	20	4	12	1	69
Herring Gull	236	164	162	436	262	228	565	592	690	1210	236	164	4945
Great Black-Backed Gull	22	7	6	8	4	5	9	8	10		22	8	109
Black-Legged Kittiwake				2	44	46	340	72	76				580
Sandwich Tern					32	18	46	4	2				102
Common Tern													
Arctic Tern							4						4
Little Gull							1		1				2
Iceland Gull		1											1
Northern Fulmar		4	2	3	3	5	2						19
Total	2043	1586	1123	1245	641	888	1959	3345	3678	3003	1251	2762	23524
Wildfowl	465	399	327	281	215	463	536	658	309	251	178	263	4345
Waders	560	637	540	502	71	75	170	1678	1572	1002	537	2157	9501
Gulls/Terns	1018	550	256	462	355	350	1253	1009	1797	1750	536	342	9678
													23524



Survey : Coastal WeBS Count
Location : Tweed Estuary



2006

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2006
Red-Throated Diver	3	2	1							3	5	3	17
Great Northern Diver													
Great Crested Grebe													
Little Grebe		4	3								1	2	10
Great Cormorant	11	7	19	12	9	7	5	10	25	22	5	10	142
European Shag	1	2	1	1						2	1	1	9
Grey Heron	24	27	3	9	7	17	15	28	33	28	30	21	242
Little Egret								3					3
Mute Swan	32	25	26	58	196	348	510	583	78	106	30	18	2010
Whooper Swan													
Pink-Footed Goose													
Greylag Goose	16	6		4		16	9	58	172	10		18	309
Canada Goose								6	4				10
Brent Goose													
Barnacle Goose													
Common Shelduck				2	3	2							7
Eurasian Wigeon			4				2			7			13
Common Teal		2								20			22
Mallard	68	70	82	46	24	34	60	22	53	37	86	116	698
Northern Pintail													
Northern Shoveler													
Long-Tailed Duck													
Common Pochard										2			2
Tufted Duck						1		1					2
Common Eider	8	54	72	28	19	18	9	4	26	18	29	52	337
Common Goldeneye	116	64	140	28							16	174	538
Black Scoter													
Red-Breasted Merganser	5	5	6	2							4	7	29
Goosander	6	2	7	7	3	12		123	74	24		9	267
Guillemot										3			3
Razorbill													
Common Coot													
Eurasian Oystercatcher	15	22	12	2	6	2	21	49	3	22	12	14	180
Ringed Plover			8		76								84
European Golden Plover													
Grey Plover													
Little Plover													
Northern Lapwing	1260	224	948				72	76	1770	1474		2	5826
Red Knot			1										1
Sanderling			2		3							26	31
Dunlin	4		88		4				6	14		16	138
Ruff								1					1
Common Snipe													
Black-tailed Godwit										2			2
Bar-Tailed Godwit										6			6
Eurasian Curlew	30	43	46	30	10	2	32	134	48	36	18	36	465
Whimbrel													
Common Redshank	125	274	222	343	8		10	92	218	94	132	134	1652
Spotted Redshank													
Common Greenshank							1						1
Common Sandpiper													
Curlew Sandpiper													
Ruddy Turnstone	30	8	67	16	44				6		10	12	193
Black-Headed Gull	284	638	128	24		8	242	250	1150	774	875	960	5333
Mew Gull	22	14	4	44				12	58	610	134	24	922
Lesser Black-Backed Gull					5	2	3	3	10	34			57
Herring Gull	272	280	212	315	220	242	434	830	520	2570	1774	1050	8719
Great Black-Backed Gull	32	7	9	12	2	2	2	7	6	54	194	30	357
Black-Legged Kittiwake					23	14	118	216	220	410			1001
Sandwich Tern				12	6	6	12	16	4				50
Common Tern								6					6
Arctic Tern					1								1
Little Gull													
Iceland Gull													
Northern Fulmar	3	3	8	4	2	4							24
Total	2367	1783	2119	987	677	737	1557	2542	4523	6331	3372	2725	29720
Wildfowl	290	270	364	197	261	455	610	838	494	253	207	431	4670
Waders	1464	571	1394	391	151	4	136	364	2061	1626	188	230	8580
Gulls/Terns	613	942	361	399	265	278	811	1340	1968	4452	2977	2064	16470
													29720



Survey : Coastal WeBS Count
Location : Tweed Estuary



2007

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2007
Red-Throated Diver			1						1		1		3
Great Northern Diver													
Great Crested Grebe							1						1
Little Grebe	3	1	1						1		1	3	10
Great Cormorant	15	9	4	9	14	9		9	15	23	27	26	160
European Shag	3	1					10						14
Grey Heron	17	16	10	14	16	18	16	18	16	31	14	19	205
Little Egret													
Mute Swan		24	52	73	142	nc	364	332	132	84	48	32	1283
Whooper Swan					1		1	1	1		1		5
Pink-Footed Goose											5		5
Greylag Goose	8				3	1	4		36		102		154
Canada Goose						17	17		1				35
Brent Goose													
Barnacle Goose						1	1						2
Common Shelduck				6	5								11
Eurasian Wigeon	2	2	6							4			14
Common Teal									5				5
Mallard	142	67	56	44	36	32	24	16	54	52	70	82	675
Northern Pintail													
Northern Shoveler													
Long-Tailed Duck											1		1
Common Pochard													
Tufted Duck			3							2			5
Common Eider	62	18	14	18	23	21	8		5	22	16	13	220
Common Goldeneye	108	114	116	12						2	36	105	493
Black Scoter													
Red-Breasted Merganser			8										8
Goosander	9	2	12	21	5	27	36	42	22	6	2	7	191
Guillemot									28	7			35
Razorbill									16	22			38
Common Coot							2						2
Eurasian Oystercatcher	7	12	9	11	3			19	10	24	9	9	113
Ringed Plover				12	1			3					16
European Golden Plover													
Grey Plover										1			1
Little Plover													
Northern Lapwing	640	124				20		148	364	1072		170	2538
Red Knot													
Sanderling													
Dunlin	16			6									22
Ruff													
Common Snipe										2			2
Black-tailed Godwit													
Bar-Tailed Godwit													
Eurasian Curlew	26	14	52	18	12	15		56	74	36	28	22	353
Whimbrel								1					1
Common Redshank	260	270	220	65				72	180	332	162	157	1718
Spotted Redshank													
Common Greenshank									2				2
Common Sandpiper													
Curlew Sandpiper													
Ruddy Turnstone	10	7	2					3	23	6		12	63
Black-Headed Gull	388	186	78	10	5	nc	210	187	385	290	70	1050	2859
Mew Gull	58	136	120	14	10	nc	2	28	130	70		4	572
Lesser Black-Backed Gull			7	16	6	nc	6	10	2	5	1		53
Herring Gull	460	144	262	560	174	nc	820	1270	210	1130	610	134	5774
Great Black-Backed Gull	10	2	5	12	4	nc	9	14	15	27	72	58	228
Black-Legged Kittiwake					24	60	62	12	14				172
Sandwich Tern					26		9	22	20				77
Common Tern									8				8
Arctic Tern					4		4	2	12				22
Little Gull													
Iceland Gull													
Northern Fulmar	2	3	2	2	2		4						15
Total	2246	1152	1040	923	516	221	1610	2265	1782	3250	1276	1903	18184
Wildfowl	369	254	283	197	245	126	484	418	333	255	324	287	3575
Waders	959	427	283	112	16	35		302	653	1473	199	370	4829
Gulls/Terns	918	471	474	614	255	60	1126	1545	796	1522	753	1246	9780
													18184



Survey : Coastal WeBS Count
Location : Tweed Estuary



2008

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2008
Red-Throated Diver		1											1
Great Northern Diver													
Great Crested Grebe													
Little Grebe	2	2											4
Great Cormorant	9	6											15
European Shag	1												1
Grey Heron	17	15											32
Little Egret													
Mute Swan	37	22											59
Whooper Swan	1												1
Pink-Footed Goose													
Greylag Goose	1	40											41
Canada Goose		1											1
Brent Goose													
Barnacle Goose													
Common Shelduck			2										2
Eurasian Wigeon													
Common Teal													
Mallard	58	102											160
Northern Pintail													
Northern Shoveler													
Long-Tailed Duck		1											1
Common Pochard													
Tufted Duck		1											1
Common Eider	18	14											32
Common Goldeneye	108	246											354
Black Scoter													
Red-Breasted Merganser	2	9											11
Goosander		2											2
Guillemot													
Razorbill													
Common Coot													
Eurasian Oystercatcher	27	23											50
Ringed Plover													
European Golden Plover													
Grey Plover	1												1
Little Plover													
Northern Lapwing	326	420											746
Red Knot													
Sanderling													
Dunlin	38												38
Ruff													
Common Snipe													
Black-tailed Godwit													
Bar-Tailed Godwit													
Eurasian Curlew	15	80											95
Whimbrel													
Common Redshank	190	510											700
Spotted Redshank													
Common Greenshank													
Common Sandpiper													
Curlew Sandpiper													
Ruddy Turnstone	22	8											30
Black-Headed Gull	360	826											1186
Mew Gull	8	104											112
Lesser Black-Backed Gull													
Herring Gull	350	362											712
Great Black-Backed Gull	22	28											50
Black-Legged Kittiwake													
Sandwich Tern													
Common Tern													
Arctic Tern													
Little Gull													
Iceland Gull													
Northern Fulmar	2	2											4
Total	1615	2827											4442
Wildfowl	254	464											718
Waders	619	1041											1660
Gulls/Terns	742	1322											2064
													4442



Survey : Coastal WeBS Count
Location : Tweed Estuary



Annual Counts

Species	2002	2003	2004	2005	2006	2007	2008									2002 - 2008
Red-Throated Diver	3	6	10	5	17	3	1									45
Great Northern Diver				1												1
Great Crested Grebe				3		1										4
Little Grebe	6	4	3	6	10	10	4									43
Great Cormorant	173	196	176	166	142	160	15									1028
European Shag		4	48	12	9	14	1									88
Grey Heron	260	255	185	247	242	205	32									1426
Little Egret					3											3
Mute Swan	2131	2452	1486	1933	2010	1283	59									11354
Whooper Swan	116	62	5	4		5	1									193
Pink-Footed Goose		4		2		5										11
Greylag Goose	10	76	182	71	309	154	41									843
Canada Goose	74	31	24	1	10	35	1									176
Brent Goose			2													2
Barnacle Goose	1		1			2										4
Common Shelduck	5	17	12	7	7	11	2									61
Eurasian Wigeon	37	12	23	2	13	14										101
Common Teal	8	12	5	4	22	5										56
Mallard	539	431	500	677	698	675	160									3680
Northern Pintail	2															2
Northern Shoveler	2															2
Long-Tailed Duck			2	4		1	1									8
Common Pochard					2											2
Tufted Duck	1	4	3		2	5	1									16
Common Eider	165	122	271	278	337	220	32									1425
Common Goldeneye	1026	798	750	717	538	493	354									4676
Black Scoter	1		28													29
Red-Breasted Merganser	37	28	49	33	29	8	11									195
Goosander	234	208	256	166	267	191	2									1324
Guillemot					3	35										38
Razorbill						38										38
Common Coot	23	9		6		2										40
Eurasian Oystercatcher	135	160	185	105	180	113	50									928
Ringed Plover	104	43	65	55	84	16										367
European Golden Plover	64		74													138
Grey Plover		6	3			1	1									11
Little Plover		2														2
Northern Lapwing	6710	4368	4176	4731	5826	2538	746									29095
Red Knot					1											1
Sanderling	30	24	6		31											91
Dunlin	506	588	356	161	138	22	38									1809
Ruff	6		1		1											8
Common Snipe		9	2	2		2										15
Black-tailed Godwit				1	2											3
Bar-Tailed Godwit	1	5		4	6											16
Eurasian Curlew	355	282	253	399	465	353	95									2202
Whimbrel	1	5	4	4		1										15
Common Redshank	1983	2197	4331	3760	1652	1718	700									16341
Spotted Redshank		1		1												2
Common Greenshank	7	4		4	1	2										18
Common Sandpiper	4	4	2	2												12
Curlew Sandpiper	1			1												2
Ruddy Turnstone	145	242	192	271	193	63	30									1136
Black-Headed Gull	3993	3310	3971	3208	5333	2859	1186									23860
Mew Gull	273	1488	1692	639	922	572	112									5698
Lesser Black-Backed Gull	197	69	34	69	57	53										479
Herring Gull	5332	4856	5388	4945	8719	5774	712									35726
Great Black-Backed Gull	272	317	271	109	357	228	50									1604
Black-Legged Kittiwake	1180	1873	230	580	1001	172										5036
Sandwich Tern	127	56	28	102	50	77										440
Common Tern	18	12	2		6	8										46
Arctic Tern	8	9		4	1	22										44
Little Gull				2												2
Iceland Gull				1												1
Northern Fulmar			1	19	24	15	4									63
Total	26306	24661	25288	23524	29720	18184	4442									152125
Wildfowl	4854	4731	4021	4345	4670	3575	718									26914
Waders	10052	7940	9650	9501	8580	4829	1660									52212
Gulls/Terns	11400	11990	11617	9678	16470	9780	2064									72999
																152125



Survey : Coastal WeBS Count
Location : Spittal to Cheswick



2002

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2002
Great Northern Diver													
Red-Throated Diver		1	1								2		4
Black-Throated Diver													
Great Cormorant		7	5	3					29	4	12		60
Slavonian Grebe													
European Shag									47	50	14		111
Grey Heron									3	1			4
Mute Swan									2				2
Pink-Footed Goose													
Shelduck													
Barnacle Goose										30			30
Eurasian Wigeon										1			1
Common Teal													
Mallard									2		2		4
Tufted Duck													
Common Eider		161	136	96					130	44	83		650
Black Scoter		10	82	30					90		170		382
Common Goldeneye													
Long-Tailed Duck													
Pochard													
Velvet Scoter													
Red-Breasted Merganser		2	2							2	4		10
Goosander									7	3			10
Guillemot													
Razorbill													
Eurasian Oystercatcher		89	76	10					38	29	85		327
Ringed Plover		18											18
European Golden Plover										15			15
Grey Plover		1											1
Northern Lapwing		1							60	126	11		198
Red Knot													
Sanderling		12	10	30					1		17		70
Purple Sandpiper													
Dunlin		56									15		71
Common Snipe													
Bar-Tailed Godwit													
Eurasian Curlew		21	6						6	4	7		44
Common Redshank		20	6						4		22		52
Common Greenshank													
Ruddy Turnstone			1						25	1	4		31
Whimbrel									3				3
Black-Headed Gull		145	60	10					100	1000	60		1375
Mew Gull		70	16						300	150	1		537
Lesser Black-Backed Gull										1			1
Herring Gull		18		25					45	100	40		228
Great Black-Backed Gull		3		6							3		12
Black-Legged Kittiwake										40			40
Sandwich Tern									4				4
Common Tern													
Roseate Tern													
Arctic Tern													
Northern Fulmar													
Total		635	401	210					896	1601	552		4295
Wildfowl		181	226	129					310	135	287		1268
Waders		218	99	40					137	175	161		830
Gulls/Terns		236	76	41					449	1291	104		2197

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Survey : Coastal WeBS Count
Location : Spittal to Cheswick



2003

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2003
Great Northern Diver													
Red-Throated Diver			3							3	5	2	13
Black-Throated Diver													
Great Cormorant			4					22	15	6	12	3	62
Slavonian Grebe													
European Shag								9	33	8	17	2	69
Grey Heron			1					1	3	1	4	1	11
Mute Swan													
Pink-Footed Goose													
Shelduck													
Barnacle Goose													
Eurasian Wigeon									5				5
Common Teal													
Mallard													
Tufted Duck													
Common Eider			132					208		16	22	114	492
Black Scoter										22	68		90
Common Goldeneye			2										2
Long-Tailed Duck													
Pochard													
Velvet Scoter													
Red-Breasted Merganser			6								7	4	17
Goosander								92	4				96
Guillemot													
Razorbill													
Eurasian Oystercatcher			52					224	52	42	48	108	526
Ringed Plover													
European Golden Plover										1		180	181
Grey Plover			1										1
Northern Lapwing			4							48	418	132	602
Red Knot													
Sanderling										3			3
Purple Sandpiper													
Dunlin											1		1
Common Snipe													
Bar-Tailed Godwit													
Eurasian Curlew			36					14	8	18	26	15	117
Common Redshank			4					16	5	14	10	10	59
Common Greenshank								1					1
Ruddy Turnstone			4					6			6	4	20
Whimbrel									1				1
Black-Headed Gull			32					56	506	18	130	28	770
Mew Gull			4					4		10	42	2	62
Lesser Black-Backed Gull										6			6
Herring Gull			38					160	42	210	52	26	528
Great Black-Backed Gull			2					7	2	26	11	6	54
Black-Legged Kittiwake									4				4
Sandwich Tern								6	6	1			13
Common Tern													
Roseate Tern													
Arctic Tern													
Northern Fulmar													
Total			325					826	686	453	879	637	3806
Wildfowl			148					332	60	56	135	126	857
Waders			101					261	66	126	509	449	1512
Gulls/Terns			76					233	560	271	235	62	1437

3806



Survey : Coastal WeBS Count
Location : Spittal to Cheswick



2004

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2004
Great Northern Diver													
Red-Throated Diver	2	4	3	5		1			1	5	4	7	32
Black-Throated Diver													
Great Cormorant	7	7	7	3	3	7	20	4	12	7	14	12	103
Slavonian Grebe													
European Shag	10	5	11	1	1	15	36	2	3	22	15	16	137
Grey Heron	2	3			1	1	3	2	3	1	1	1	18
Mute Swan													
Pink-Footed Goose			2								7		9
Shelduck													
Barnacle Goose			4										4
Eurasian Wigeon										2			2
Common Teal			2										2
Mallard	2									17			19
Tufted Duck				1									1
Common Eider	82	83	78	105	124	85	52	58	20	4	9	25	725
Black Scoter			30	618	7		28	30				2	715
Common Goldeneye				1									1
Long-Tailed Duck	1		3									1	5
Pochard													
Velvet Scoter													
Red-Breasted Merganser	2	8	3								2	8	23
Goosander						12	86	12		12			122
Guillemot													
Razorbill													
Eurasian Oystercatcher	58	24	38	9	84	82	34	64	15	92	40	76	616
Ringed Plover						1							1
European Golden Plover													
Grey Plover													
Northern Lapwing											196	20	216
Red Knot													
Sanderling													
Purple Sandpiper												2	2
Dunlin			2										2
Common Snipe													
Bar-Tailed Godwit													
Eurasian Curlew	12	8	62	2	2	9	14	6	12	14	14	52	207
Common Redshank	4	3	7	20			3	4	17	15	10	22	105
Common Greenshank													
Ruddy Turnstone	10		2		1			2				6	21
Whimbrel				3									3
Black-Headed Gull	93	227	16	12	1	8	12	330	62	98	88	53	1000
Mew Gull	18	4	10				2	12	9	6	12	18	91
Lesser Black-Backed Gull				2	3			2			4	1	12
Herring Gull	45	47	68	32	36	32	28	724	24	108	73	37	1254
Great Black-Backed Gull	2	3	3	11	2	2	1	6	2	13	6	1	52
Black-Legged Kittiwake					6				9				15
Sandwich Tern				6	14	6		6					32
Common Tern					2				1				3
Roseate Tern													
Arctic Tern													
Northern Fulmar							1						1
Total	350	426	351	831	287	261	320	1264	190	416	495	360	5551
Wildfowl	108	110	143	734	136	121	225	108	39	70	52	72	1918
Waders	84	35	111	34	87	92	51	76	44	121	260	178	1173
Gulls/Terns	158	281	97	63	64	48	44	1080	107	225	183	110	2460

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Survey : Coastal WeBS Count
Location : Spittal to Cheswick



2005

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2005
Great Northern Diver													
Red-Throated Diver		5	2	4	2				4	4	3	1	25
Black-Throated Diver										1			1
Great Cormorant	4	1	2	6	2	7	8	15	22	2	4	3	76
Slavonian Grebe											1		1
European Shag	4	2	12	8		15	2	7	7	3	1	2	63
Grey Heron	1	1		1	1	3		2	2	1	1	1	14
Mute Swan													
Pink-Footed Goose													
Shelduck													
Barnacle Goose													
Eurasian Wigeon													
Common Teal													
Mallard													
Tufted Duck													
Common Eider	50	84	58	37	48	60	38	78	34	76	138	94	795
Black Scoter	7	18	42		53	2		16	28			14	180
Common Goldeneye													
Long-Tailed Duck													
Pochard													
Velvet Scoter											1		1
Red-Breasted Merganser	3	7	2	2	4						2	2	22
Goosander						42	9	72	2				125
Guillemot													
Razorbill													
Eurasian Oystercatcher	54	88	62	10	24	32	144	82	66	78	82	102	824
Ringed Plover						4	2						6
European Golden Plover	138											164	302
Grey Plover											4	1	5
Northern Lapwing	5	4								80	220	82	391
Red Knot													
Sanderling													
Purple Sandpiper		23	10									2	35
Dunlin										2			2
Common Snipe												1	1
Bar-Tailed Godwit									1	2		1	4
Eurasian Curlew	16	54	40	2	2	8	10	2	12	39	48	16	249
Common Redshank	6	3	5	4		2	5	1	7	14	12	6	65
Common Greenshank													
Ruddy Turnstone		1	8						4	12		3	28
Whimbrel					1			1					2
Black-Headed Gull	88	14	2	6		5	16	46	40	354	16	12	599
Mew Gull	14			9		1		3	4	14	12	25	82
Lesser Black-Backed Gull							2	2				1	5
Herring Gull	25	24	20	72	74	22	46	42	48	43	106	36	558
Great Black-Backed Gull	9	4	3	4	5	2	6	2	2	1	6	3	47
Black-Legged Kittiwake				6	6					2	2		16
Sandwich Tern					14	12	11	6	18				61
Common Tern													
Roseate Tern													
Arctic Tern									3				3
Northern Fulmar													
Total	424	333	268	171	236	217	299	377	304	728	659	572	4588
Wildfowl	69	118	118	58	110	129	57	190	99	87	151	117	1303
Waders	219	173	125	16	27	46	161	86	90	227	366	378	1914
Gulls/Terns	136	42	25	97	99	42	81	101	115	414	142	77	1371

4588



Survey : Coastal WeBS Count
Location : Spittal to Cheswick



2006

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2006
Great Northern Diver													
Red-Throated Diver	4	3	2	1	4				17				31
Black-Throated Diver		2	1										3
Great Cormorant	6	5	5	4	9	9	5	7	21				71
Slavonian Grebe													
European Shag	3	4	1	1	6	17	3	5	8				48
Grey Heron				2	2		1	1	4				10
Mute Swan				2		4			1				7
Pink-Footed Goose													
Shelduck													
Barnacle Goose													
Eurasian Wigeon	3												3
Common Teal									3				3
Mallard				2									2
Tufted Duck													
Common Eider	48	80	28	32	40	34	122	95	35				514
Black Scoter	6	10	34	5									55
Common Goldeneye													
Long-Tailed Duck	1												1
Pochard													
Velvet Scoter													
Red-Breasted Merganser	2	7	2	4									15
Goosander							82	116	4				202
Guillemot													
Razorbill													
Eurasian Oystercatcher	64	124	178	40	34	32	36	73	162				743
Ringed Plover			6	5	5	5			8				29
European Golden Plover									130				130
Grey Plover	1	1	1										3
Northern Lapwing	130					3	32		122				287
Red Knot	1			1									2
Sanderling	2	2		12	3								19
Purple Sandpiper	12	12	6		2								32
Dunlin					3								3
Common Snipe									1				1
Bar-Tailed Godwit	3	1	1										5
Eurasian Curlew	10	22	35	14			11	4	17				113
Common Redshank	5	8	18	3			2	2	3				41
Common Greenshank													
Ruddy Turnstone	22	6	12	3	4	3		9	4				63
Whimbrel					2								2
Black-Headed Gull	29	68	104	3		1	134	35	252				626
Mew Gull	8	6	11	18			7	12	14				76
Lesser Black-Backed Gull						2			7				9
Herring Gull	34	24	76	64	82	94	26	18	132				550
Great Black-Backed Gull	2	3	1	5	5	2			4				22
Black-Legged Kittiwake								6					6
Sandwich Tern					18	8	18	16	8				68
Common Tern													
Roseate Tern													
Arctic Tern									4				4
Northern Fulmar			2		1				2				5
Total	396	388	524	221	220	214	479	399	963				3804
Wildfowl	73	111	73	53	61	64	213	224	93				965
Waders	250	176	257	78	53	43	81	88	447				1473
Gulls/Terns	73	101	194	90	106	107	185	87	423				1366

3804



Survey : Coastal WeBS Count
Location : Spittal to Cheswick



2007

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2007
Great Northern Diver											1		1
Red-Throated Diver	2		1	3					5	7		1	19
Black-Throated Diver													
Great Cormorant	7	4	5	4	4		5	20	4	28	11	2	94
Slavonian Grebe													
European Shag	3	1	3	2			1	12	16	32	3	4	77
Grey Heron		3	1	1	1	4	7	1	4	2		1	25
Mute Swan	2				2			6	2	2			14
Pink-Footed Goose		7											7
Shelduck	1			2									3
Barnacle Goose													
Eurasian Wigeon													
Common Teal													
Mallard			2										2
Tufted Duck	1									1	2		4
Common Eider	18	21	36	18	6	28	36	104	26	22	3	13	331
Black Scoter			1				32		64	46	66		209
Common Goldeneye											3		3
Long-Tailed Duck												2	2
Pochard											1		1
Velvet Scoter													
Red-Breasted Merganser	2	2	5	6									15
Goosander						10	27	52	2				91
Guillemot	2		4	1			15	15		75	8	1	121
Razorbill										21			21
Eurasian Oystercatcher	135	82	44	144	15	12	52	130	67	78	47	105	911
Ringed Plover	16	30	4	10	2			16	2	7			87
European Golden Plover	1200	170								1	510	160	2041
Grey Plover	1												1
Northern Lapwing	320	70							5	144	48	183	770
Red Knot								1	1				2
Sanderling		2	3	64					6				75
Purple Sandpiper	3	5	5									2	15
Dunlin	1	4	3							2			10
Common Snipe													
Bar-Tailed Godwit			2										2
Eurasian Curlew	70	87	12	7	2	7	14	6	19	6	4	24	258
Common Redshank	5	4	5				2	10	2	3	9	5	45
Common Greenshank													
Ruddy Turnstone	4	2	6					18	21	20	16		87
Whimbrel													
Black-Headed Gull	128	120	28		3	3	57	46	84	126	108	38	741
Mew Gull	110	24	5	8	3	4	11	12	2	26	62	54	321
Lesser Black-Backed Gull					1	4	1		2				8
Herring Gull	104	36	46	54	36	78	33	48	130	172	64	46	847
Great Black-Backed Gull	3	2	1		5		1	1	27	5	4	3	52
Black-Legged Kittiwake					8		3	2	2				15
Sandwich Tern					14	5	130	62	6				217
Common Tern													
Roseate Tern							3						3
Arctic Tern							38	4					42
Northern Fulmar						1	1						2
Total	2138	676	222	324	102	156	469	566	499	826	969	644	7591
Wildfowl	38	38	58	37	13	42	123	210	123	236	97	24	1039
Waders	1755	456	84	225	19	19	68	181	123	261	634	479	4304
Gulls/Terns	345	182	80	62	70	95	278	175	253	329	238	141	2248

7591



Survey : Coastal WeBS Count
Location : Spittal to Cheswick



2008

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2008
Great Northern Diver													
Red-Throated Diver	1	6											7
Black-Throated Diver													
Great Cormorant	6	3											9
Slavonian Grebe													
European Shag	1	4											5
Grey Heron	2	3											5
Mute Swan		3											3
Pink-Footed Goose													
Shelduck													
Barnacle Goose													
Eurasian Wigeon													
Common Teal													
Mallard													
Tufted Duck													
Common Eider	7	8											15
Black Scoter	86	8											94
Common Goldeneye													
Long-Tailed Duck		26											26
Pochard													
Velvet Scoter													
Red-Breasted Merganser		3											3
Goosander													
Guillemot													
Razorbill													
Eurasian Oystercatcher	93	82											175
Ringed Plover	2	2											4
European Golden Plover													
Grey Plover													
Northern Lapwing													
Red Knot													
Sanderling		3											3
Purple Sandpiper	2	9											11
Dunlin													
Common Snipe													
Bar-Tailed Godwit													
Eurasian Curlew	8	52											60
Common Redshank	7	7											14
Common Greenshank													
Ruddy Turnstone	5	3											8
Whimbrel													
Black-Headed Gull	8	76											84
Mew Gull	10	17											27
Lesser Black-Backed Gull													
Herring Gull	32	67											99
Great Black-Backed Gull	7	3											10
Black-Legged Kittiwake													
Sandwich Tern													
Common Tern													
Roseate Tern													
Arctic Tern													
Northern Fulmar													
Total	277	385											662
Wildfowl	103	64											167
Waders	117	158											275
Gulls/Terns	57	163											220

662



Survey : Coastal WeBS Count
Location : Spittal to Cheswick



Annual Counts

	2002	2003	2004	2005	2006	2007	2008						Annual Counts
Great Northern Diver						1							1
Red-Throated Diver	4	13	32	25	31	19	7						131
Black-Throated Diver				1	3								4
Great Cormorant	60	62	103	76	71	94	9						475
Slavonian Grebe				1									1
European Shag	111	69	137	63	48	77	5						510
Grey Heron	4	11	18	14	10	25	5						87
Mute Swan	2				7	14	3						26
Pink-Footed Goose			9			7							16
Shelduck						3							3
Barnacle Goose	30		4										34
Eurasian Wigeon	1	5	2		3								11
Common Teal			2		3								5
Mallard	4		19		2	2							27
Tufted Duck			1			4							5
Common Eider	650	492	725	795	514	331	15						3522
Black Scoter	382	90	715	180	55	209	94						1725
Common Goldeneye		2	1			3							6
Long-Tailed Duck			5		1	2	26						34
Pochard						1							1
Velvet Scoter				1									1
Red-Breasted Merganser	10	17	23	22	15	15	3						105
Goosander	10	96	122	125	202	91							646
Guillemot						121							121
Razorbill						21							21
Eurasian Oystercatcher	327	526	616	824	743	911	175						4122
Ringed Plover	18		1	6	29	87	4						145
European Golden Plover	15	181		302	130	2041							2669
Grey Plover	1	1		5	3	1							11
Northern Lapwing	198	602	216	391	287	770							2464
Red Knot					2	2							4
Sanderling	70	3			19	75	3						170
Purple Sandpiper			2	35	32	15	11						95
Dunlin	71	1	2	2	3	10							89
Common Snipe				1	1								2
Bar-Tailed Godwit				4	5	2							11
Eurasian Curlew	44	117	207	249	113	258	60						1048
Common Redshank	52	59	105	65	41	45	14						381
Common Greenshank		1											1
Ruddy Turnstone	31	20	21	28	63	87	8						258
Whimbrel	3	1	3	2	2								11
Black-Headed Gull	1375	770	1000	599	626	741	84						5195
Mew Gull	537	62	91	82	76	321	27						1196
Lesser Black-Backed Gull	1	6	12	5	9	8							41
Herring Gull	228	528	1254	558	550	847	99						4064
Great Black-Backed Gull	12	54	52	47	22	52	10						249
Black-Legged Kittiwake	40	4	15	16	6	15							96
Sandwich Tern	4	13	32	61	68	217							395
Common Tern			3										3
Roseate Tern						3							3
Arctic Tern				3	4	42							49
Northern Fulmar			1		5	2							8
Total	4295	3806	5551	4588	3804	7591	662						30297
Wildfowl	1268	857	1918	1303	965	1039	167						7517
Waders	830	1512	1173	1914	1473	4304	275						11481
Gulls/Terns	2197	1437	2460	1371	1366	2248	220						11299

30297

Berwick Bird Counts



Survey : Coastal WeBS Count
Location : Little Beach



Taxon Common Name	Event Date	13-Jan-02	15-Apr-02	6-Jan-03	16-Dec-03	14-Nov-04	5-Feb-05	18-Feb-05	14-Oct-05	2-Dec-05	25-Feb-06	Total
Common Redshank		96	84	5	88	120		4	5	98	75	575
Dunlin		210		30	307	101	50	290	33	213		1234
Eurasian Curlew		1	1		11						4	17
Eurasian Oystercatcher		35	23	9	95	20	6	39	54	25	7	313
Ringed Plover		60		67	113	3	50	75	4	60	37	469
Ruddy Turnstone		90	108		65	100	15	130	93	162		763
Sanderling		40	137	50	151	42	34	150	38	95	34	771
Common Shelduck			1						2			3
Herring Gull				1								1
Mew Gull				1								1
Black-Headed Gull				2								2
Bar-Tailed Godwit				15	19				16			50
Great Cormorant				6	4	3	15	30	13		3	74
Grey Plover				1	5		1					7
Common Eider				9	5			2	2			18
Red-Breasted Merganser						1						1
Purple Sandpiper								1				1
Common Goldeneye											2	2
Mute Swan											1	1
Total		532	354	196	863	390	171	723	258	653	163	4303

4303



Estuary and Seabird Survey.

The groups annual survey undertaken in February to gather data on important areas for wintering waders, wildfowl and seabirds on the Tweed Estuary and the coast north and south.

The estuary and coast is divided up into distinct areas which are surveyed seperately so as to attempt to define these birds usage of the habitat.



Berwick Wildlife Group Estuary and Seabird Surveys



Coast

The groups annual survey to gather data on important areas for wintering waders, wildfowl and seabirds on the Tweed Estuary and the coast north and south.

5th February 2005

"Blitz" coastal count units

Species	N of Burgess Cove	B Cove - Sharpers' Hd	Fisherman's Haven	Little Beach	S'stell Pt - Bear's Hd	Bear's Hd - Sea Hse	Sub Total
Barnacle Goose							
Bar-tailed Godwit			2				2
Black Swan							
Common Scoter		12					12
Coot							
Cormorant	4			15	4	9	32
Curlew			22			1	23
Dunlin			30	50	3		83
Eider ♂	44	12	10			6	72
Eider ♀	27	12	9		2	3	53
Fulmar							
Goldeneye ♂			1				1
Goldeneye ♀/ imm. male			1				1
Goldeneye undifferentiated							
Goosander ♂							
Goosander ♀							
Grey Heron							
Greylag Goose							
Grey Plover				1			1
Guillemot					1		1
Lapwing							
Little Grebe							
Long-tailed duck							
Mallard ♂							
Mallard ♀							
Mallard undifferentiated							
Mute Swan							
Oystercatcher	80	20	25	6	3	48	182
Purple Sandpiper		7					7
Red-throated Diver						1	1
Red-breasted Merganser ♂					5	2	7
Red-breasted Merganser ♀					2		2
Red-breasted Merganser undiff.							
Redshank	13	43	17		3		76
Ringed Plover				50			50
Sanderling				34			34
Shelduck							
Snipe							
Teal ♂							
Teal ♀							
Turnstone		7	3	15	1	1	27
Wigeon ♂							
Wigeon ♀							
Totals	168	113	120	171	24	71	667



Berwick Wildlife Group
Estuary and Seabird Surveys



Coast

25th February 2006

NO COUNT

Species	N of Burgess Cove	B' Cove - Sharpers' Hd	Fisherman's Haven	Little Beach	S'tell Pt - Bear's Hd	Bear's Hd - Sea Hse	Sub Total
Barnacle Goose							
Bar-tailed Godwit							
Black Swan							
Common Scoter							
Coot							
Cormorant				3	6	2	11
Curlew				4		5	9
Dunlin							
Eider ♂		3	4	7	3	2	19
Eider ♀			5	13	4	1	23
Fulmar							
Goldeneye ♂							
Goldeneye ♀/ imm. male							
Goldeneye undifferentiated				2			2
Goosander ♂							
Goosander ♀							
Grey Heron							
Greylag Goose							
Grey Plover							
Guillemot							
Lapwing							
Little Grebe							
Long-tailed duck							
Mallard ♂							
Mallard ♀							
Mallard undifferentiated							
Mute Swan				1			1
Oystercatcher			6	7		37	50
Purple Sandpiper							
Red-throated Diver							
Red-breasted Merganser ♂							
Red-breasted Merganser ♀							
Red-breasted Merganser undiff.							
Redshank		4	3	75		1	83
Ringed Plover			15	37			52
Sanderling				34	11		45
Shelduck							
Snipe							
Teal ♂							
Teal ♀							
Turnstone							
Wigeon ♂							
Wigeon ♀							
Totals		7	33	183	24	48	295



Berwick Wildlife Group Estuary and Seabird Surveys



Coast

3rd February 2007

NO
COUNT NO COUNT

Species	N of Burgess Cove	B Cove - Sharpers' Hd	Fisherman's Haven	Little Beach	S'tell Pt - Bear's Hd	Bear's Hd - Sea Hse	Sub Total
Barnacle Goose							
Bar-tailed Godwit							
Black Swan							
Common Scoter							
Coot							
Cormorant	6			20			26
Curlew							
Dunlin				4			4
Eider ♂	8	6	6	30			50
Eider ♀	6	5	2	8			21
Fulmar							
Goldeneye ♂	6	3	3	3			15
Goldeneye ♀/ imm. male	4	12	2	5			23
Goldeneye undifferentiated							
Goosander ♂		5					5
Goosander ♀		5					5
Grey Heron							
Greylag Goose							
Grey Plover							
Guillemot							
Lapwing							
Little Grebe							
Long-tailed duck							
Mallard ♂			2				2
Mallard ♀			1				1
Mallard undifferentiated							
Mute Swan							
Oystercatcher	5	3	1	15			24
Purple Sandpiper				5			5
Red-throated Diver							
Red-breasted Merganser ♂							
Red-breasted Merganser ♀							
Red-breasted Merganser undiff.							
Redshank	1	33	1	25			60
Ringed Plover							
Sanderling				73			73
Shelduck							
Snipe							
Teal ♂							
Teal ♀							
Turnstone		21		97			118
Wigeon ♂							
Wigeon ♀							
Totals	36	93	18	285			432



Berwick Wildlife Group
Estuary and Seabird Surveys



Coast

9th February 2008

NO COUNT

NO
COUNT NO COUNT

Species	N of Burgess Cove	B Cove - Sharpers' Hd	Fisherman's Haven	Little Beach	S'tell Pt - Bear's Hd	Bear's Hd - Sea Hse	Sub Total
Barnacle Goose							
Bar-tailed Godwit							
Black Swan							
Common Scoter							
Coot							
Cormorant				26			26
Curlew		7	1	19			27
Dunlin				80			80
Eider ♂			1	6			7
Eider ♀			1	2			3
Fulmar							
Goldeneye ♂							
Goldeneye ♀/ imm. male							
Goldeneye undifferentiated							
Goosander ♂							
Goosander ♀							
Grey Heron				1			1
Greylag Goose							
Grey Plover				7			7
Guillemot							
Lapwing							
Little Grebe							
Long-tailed duck							
Mallard ♂							
Mallard ♀							
Mallard undifferentiated							
Mute Swan							
Oystercatcher		26	32	77			135
Purple Sandpiper			1	1			2
Red-throated Diver							
Red-breasted Merganser ♂							
Red-breasted Merganser ♀							
Red-breasted Merganser undiff.		4		6			10
Redshank		1	10	11			22
Ringed Plover				2			2
Sanderling				15			15
Shelduck							
Snipe							
Teal ♂							
Teal ♀							
Turnstone		2	5	56			63
Wigeon ♂							
Wigeon ♀							
Totals		40	51	309			400



Berwick Wildlife Group Estuary and Seabird Surveys



Coast

Annually

Species	2005	2006	2007	2008		Sub Total
Barnacle Goose						
Bar-tailed Godwit	2					2
Black Swan						
Common Scoter	12					12
Coot						
Cormorant	32	11	26	26		95
Curlew	23	9		27		59
Dunlin	83		4	80		167
Eider ♂	72	19	50	7		148
Eider ♀	53	23	21	3		100
Fulmar						
Goldeneye ♂	1		15			16
Goldeneye ♀/ imm. male	1		23			24
Goldeneye undifferentiated		2				2
Goosander ♂			5			5
Goosander ♀			5			5
Grey Heron				1		1
Greylag Goose						
Grey Plover	1			7		8
Guillemot	1					1
Lapwing						
Little Grebe						
Long-tailed duck						
Mallard ♂			2			2
Mallard ♀			1			1
Mallard undifferentiated						
Mute Swan		1				1
Oystercatcher	182	50	24	135		391
Purple Sandpiper	7		5	2		14
Red-throated Diver	1					1
Red-breasted Merganser ♂	7					7
Red-breasted Merganser ♀	2					2
Red-breasted Merganser undiff.				10		10
Redshank	76	83	60	22		241
Ringed Plover	50	52		2		104
Sanderling	34	45	73	15		167
Shelduck						
Snipe						
Teal ♂						
Teal ♀						
Turnstone	27		118	63		208
Wigeon ♂						
Wigeon ♀						
Totals	667	295	432	400		1794



Berwick Wildlife Group Estuary and Seabird Surveys



Estuary

The groups annual survey to gather data on important areas for wintering waders, wildfowl and seabirds on the Tweed Estuary and the coast north and south.

5th February 2005

River Tweed Count Units

Species	Pier to Old Br	Tmouth Dock	Old Br - Rlwy	Rlwy - Yarrow Pt	Yarrow Slake	Y Pt - Toddles	Toddles - A-1	Sub Total
Barnacle Goose						6		6
Bar-tailed Godwit								
Black Swan	1							1
Common Scoter								
Coot		2						2
Cormorant	5					1		6
Curlew	6				4	15		25
Dunlin	8				24			32
Eider ♂	5	2						7
Eider ♀	4	2						6
Eider undifferentiated								
Fulmar			6					6
Goldeneye ♂	89		5	13		2	4	113
Goldeneye ♀/ imm. male	27		3	15		17	5	67
Goldeneye undifferentiated								
Goosander ♂								
Goosander ♀							2	2
Goosander undifferentiated								
Grey Heron	2					17		19
Greylag Goose								
Grey Plover								
Guillemot								
Lapwing						2	6	8
Little Grebe			2					2
Long-tailed duck	2							2
Mallard ♂	33	4	5					42
Mallard ♀	12	2	2					16
Mallard undifferentiated				12	9			21
Mute Swan	5		1	8	5			19
Oystercatcher	2				5			7
Purple Sandpiper								
Red-throated Diver	1							1
Red-breasted Merganser ♂	2							2
Red-breasted Merganser ♀	2							2
Red-breasted Merganser undiff.						2		2
Redshank	30		6	1	146		26	209
Ringed Plover								
Sanderling								
Shelduck					1			1
Snipe								
Teal ♂					2			2
Teal ♀					2			2
Tufted Duck								
Turnstone	12							12
Wigeon ♂								
Wigeon ♀								
Pinkfoot								
Shag								
Total	248	12	30	49	198	62	43	642



Berwick Wildlife Group Estuary and Seabird Surveys



Estuary

25th February 2006

River Tweed Count Units

Species	Pier to Old Br	Tmouth Dock	Old Br - Rlwy	Rlwy - Yarrow Pt	Yarrow Slake	Y Pt - Toddles	Toddles - A-1	Sub Total
Barnacle Goose								
Bar-tailed Godwit								
Black Swan								
Common Scoter								
Coot								
Cormorant	4	2	1	1				8
Curlew	2			14		4		20
Dunlin								
Eider ♂	2	16						18
Eider ♀	8	3						11
Eider undifferentiated								
Fulmar								
Goldeneye ♂	2	2	4					8
Goldeneye ♀/ imm. male	2		2					4
Goldeneye undifferentiated				42		78	7	127
Goosander ♂								
Goosander ♀				2				2
Goosander undifferentiated								
Grey Heron				1		18		19
Greylag Goose					10			10
Grey Plover								
Guillemot								
Lapwing					76	9		85
Little Grebe				3				3
Long-tailed duck								
Mallard ♂	20	5	21					46
Mallard ♀	19	2	19					40
Mallard undifferentiated					28			28
Mute Swan	16		10		2	3		31
Oystercatcher	7							7
Purple Sandpiper								
Red-throated Diver								
Red-breasted Merganser ♂	2							2
Red-breasted Merganser ♀	2							2
Red-breasted Merganser undiff.								
Redshank	38		6			2		46
Ringed Plover								
Sanderling								
Shelduck	3							3
Snipe					1			1
Teal ♂								
Teal ♀								
Tufted Duck								
Turnstone						9		9
Wigeon ♂	5							5
Wigeon ♀	3							3
Pinkfoot								
Shag								
Total	135	30	63	63	117	123	7	538



Berwick Wildlife Group Estuary and Seabird Surveys



Estuary

3rd February 2007

River Tweed Count Units

Species	Pier to Old Br	Tmouth Dock	Old Br - Rlwy	Rlwy - Yarrow Pt	Yarrow Slake	Y Pt - Toddles	Toddles - A-1	Sub Total
Barnacle Goose								
Bar-tailed Godwit								
Black Swan								
Common Scoter								
Coot								
Cormorant	8			4		6	22	40
Curlew	1			3	13			17
Dunlin								
Eider ♂	7		1					8
Eider ♀	10							10
Eider undifferentiated								
Fulmar								
Goldeneye ♂	8		7	12		5		32
Goldeneye ♀/ imm. male	6		3	11		3		23
Goldeneye undifferentiated	3						24	27
Goosander ♂	1						1	2
Goosander ♀							3	3
Goosander undifferentiated								
Grey Heron	1			18	7			26
Greylag Goose					25			25
Grey Plover								
Guillemot								
Lapwing				800				800
Little Grebe				1				1
Long-tailed duck								
Mallard ♂	6		10	12	14	1		43
Mallard ♀	2		25	12	14	1		54
Mallard undifferentiated								
Mute Swan	15		8					23
Oystercatcher	2					12		14
Purple Sandpiper								
Red-throated Diver								
Red-breasted Merganser ♂							1	1
Red-breasted Merganser ♀								
Red-breasted Merganser undiff.								
Redshank	8			90			6	104
Ringed Plover								
Sanderling								
Shelduck								
Snipe						1		1
Teal ♂								
Teal ♀								
Tufted Duck								
Turnstone	9							9
Wigeon ♂					1			1
Wigeon ♀								
Pinkfoot						2		2
Shag	1							1
Total	88	?No Count?	54	963	74	31	57	1267



Berwick Wildlife Group Estuary and Seabird Surveys



Estuary

9th February 2008

River Tweed Count Units

Species	Pier to Old Br	Tmouth Dock	Old Br - Rlwy	Rlwy - Yarrow Pt	Yarrow Slake	Y Pt - Toddles	Toddles - A-1	Sub Total
Barnacle Goose								
Bar-tailed Godwit								
Black Swan								
Common Scoter								
Coot								
Cormorant	5						1	6
Curlew	7		1	18	19			45
Dunlin								
Eider ♂	2							2
Eider ♀	3							3
Eider undifferentiated	10		1	1				
Fulmar								
Goldeneye ♂								
Goldeneye ♀/ imm. male								
Goldeneye undifferentiated	55		5	19		8	34	121
Goosander ♂	2							2
Goosander ♀								
Goosander undifferentiated				1		1	1	
Grey Heron				2	14	1		17
Greylag Goose					20			20
Grey Plover								
Guillemot								
Lapwing					330			330
Little Grebe	1							1
Long-tailed duck	1							1
Mallard ♂	2							2
Mallard ♀	2							2
Mallard undifferentiated	20			4	17			41
Mute Swan	12		8	6			3	29
Oystercatcher	23					1		24
Purple Sandpiper								
Red-throated Diver	1							1
Red-breasted Merganser ♂								
Red-breasted Merganser ♀								
Red-breasted Merganser undiff.	1							1
Redshank	22		23	16	23			84
Ringed Plover								
Sanderling					2			2
Shelduck								
Snipe								
Teal ♂								
Teal ♀								
Tufted Duck	1							
Turnstone	2							2
Wigeon ♂								
Wigeon ♀								
Pinkfoot								
Shag								
Total	172	?No Count?	38	67	425	11	39	752



Berwick Wildlife Group Estuary and Seabird Surveys



Estuary

Annually

River Tweed Count Units

Species	2005	2006	2007	2008				Sub Total
Barnacle Goose	6							6
Bar-tailed Godwit								
Black Swan	1							1
Common Scoter								
Coot	2							2
Cormorant	6	8	40	6				60
Curlew	25	20	17	45				107
Dunlin	32							32
Eider ♂	7	18	8	2				35
Eider ♀	6	11	10	3				30
Eider undifferentiated								
Fulmar	6							6
Goldeneye ♂	113	8	32					153
Goldeneye ♀/ imm. male	67	4	23					94
Goldeneye undifferentiated		127	27	121				275
Goosander ♂			2	2				4
Goosander ♀	2	2	3					7
Goosander undifferentiated								
Grey Heron	19	19	26	17				81
Greylag Goose		10	25	20				55
Grey Plover								
Guillemot								
Lapwing	8	85	800	330				1223
Little Grebe	2	3	1	1				7
Long-tailed duck	2			1				3
Mallard ♂	42	46	43	2				133
Mallard ♀	16	40	54	2				112
Mallard undifferentiated	21	28		41				90
Mute Swan	19	31	23	29				102
Oystercatcher	7	7	14	24				52
Purple Sandpiper								
Red-throated Diver	1			1				2
Red-breasted Merganser ♂	2	2	1					5
Red-breasted Merganser ♀	2	2						4
Red-breasted Merganser undiff.	2			1				3
Redshank	209	46	104	84				443
Ringed Plover								
Sanderling				2				2
Shelduck	1	3						4
Snipe		1	1					2
Teal ♂	2							2
Teal ♀	2							2
Tufted Duck								
Turnstone	12	9	9	2				32
Wigeon ♂		5	1					6
Wigeon ♀		3						3
Pinkfoot			2					2
Shag			1					1
Total	642	538	1267	736				3183

Berwick Bird Counts

Berwick Wildlife Group

Location : Tweedmouth Dock to Carr Rock

Taxon Common Name	21-Oct-89	4-Mar-90	2-Feb-93	5-Feb-05	25-Feb-06	3-Feb-07	Total
Common Coot				2			2
Common Eider				4	19		23
Common Goldeneye					2		2
Common Redshank		2	3				5
Dunlin			27				27
Eurasian Curlew		1	2				3
Eurasian Oystercatcher		1					1
Great Cormorant					2		2
Mallard				6	7		13
Ruddy Turnstone	40	8	3				51
Total	40	12	35	12	30		129

**There really were no birds in the dock on 3rd Feb,
due to disturbance from jet skis in the area.**