

LANDGUARD BIRD OBSERVATORY SYSTEMATIC LIST 2000

RED-THROATED DIVER *Gavia stellata*

Early in the year singles noted January 8th, March 2nd & 18th plus one south May 11th. Later in the year noted on 22 dates Oct 10th to the years end, max. 21 south December 20th.

BLACK-THROATED DIVER *Gavia arctica*

Two south November 11th & one south November 23rd..

GREAT CRESTED GREBE *Podiceps cristatus*

Singles south March 2nd, April 2nd, May 27th plus one offshore June 28th. Autumn passage of eight south and one north from October 12th to November 26th.

RED-NECKED GREBE *Podiceps grisegena*

Singles south March 8th, September 25th, November 2nd & 22nd.

FULMAR *Fulmarus glacialis*

Noted from March 28th to September 15th with the largest movements being four north seven south April 15th and 11 south August 27th.

GANNET *Morus bassanus*

One north March 29th. A total of one north four south April 29th to May 1st. Six south June 1st. A total of eight north five south September 1st to November 2nd.

CORMORANT *Phalacrocorax carbo*

Present all year with counts usually in single figures although the turnover of individuals moving about or loitering in the area makes data collected difficult to interpret. Autumn passage very good with a peak count of 61 south September 22nd. On December 28th 39 were in the river mouth on a day when an additional 18 flew south.

SHAG *Phalacrocorax aristotelis*

One November 12th, one freshly dead November 18th, one present November 21st to 24th and singles south November 26th & December 1st

LITTLE EGRET *Egretta garzetta*

One May 21st, second site record (P.J.Holmes, J.Lees, N.Odin).

GREY HERON *Ardea cinerea*

Spring passage February 27th to May 7th of four birds in total. Autumn movements from July 3rd to November 9th of 36 birds, max. 22 in off the sea September 12th.

MUTE SWAN *Cygnus olor*

Three August 23rd, two south October 7th & one south October 15th.

PINK-FOOTED GOOSE *Anser brachyrhynchus*

Six south March 7th (J.Lees) & 13 north April 9th (R.A.Duncan, N.Odin, J.Smith).

GREYLAG GOOSE *Anser anser*

Local wanderers were noted on nine dates March 10th to May 13th, max. five April 30th. In autumn 24 flew in off the sea October 8th.

CANADA GOOSE *Branta canadensis*

Noted on 10 dates March 21st to June 18th max. 30 south June 18th. Later in the year six noted September 25th.

BARNACLE GOOSE *Branta leucopsis*

Two south May 16th.

BRENT GOOSE *Branta bernicla*

A notable 395 south January 17th with the last spring movement was noted June 9th. First autumn record September 15th. Notable autumn counts in September were 1157

south 20th, 2678 south 22nd, 3231 south 30th and in November 2308 south 6th & 1246 south 7th..

Monthly totals were (excluding movements over the docks):-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N	1	0	28	87	194	1	0	0	34	36	69	37
S	405	0	33	3	1	0	0	0	9099	1329	4866	

512

RED-BREASTED GOOSE *Branta ruficollis*

One south January 17th, the first site record (N.Odin).

SHELDUCK *Tadorna tadorna*

Small numbers noted moving offshore throughout the year with prospecting on the reserve in the spring by at least 11 birds. None were seen from June 18th to August 25th. The only significant movement were 111 south November 7th and a total of 447 south December 20th to 22nd.

Monthly totals were:-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N	4	0	27	24	13	37	0	3	0	3	2	3
S	3	3	14	108	39	2	0	3	83	62	447	486

WIGEON *Anas penelope*

Noted early in the year on only four dates up to April 8th and later in the year from September 1st to the year's end with peak counts of 499 south September 22nd and 510 south December 20th.

Monthly totals were:-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N	0	0	0	18	0	0	0	0	14	9	0	0
S	7	0	1	0	0	0	0	0	1727	513	654	633

GADWALL *Anas strepera*

Three south April 29th, five south September 15th & six south October 14th.

TEAL *Anas crecca*

Four south May 6th was the only record until autumn passage from August 8th to December 22nd with a maximum count of 121 south August 26th.

Monthly totals were:-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N	0	0	0	0	0	0	0	0	5	0	1	0
S	0	0	0	0	4	0	0	148	284	45	55	5

MALLARD *Anas platyrhynchos*

Very few seen all year with none recorded April 25th to August 3rd. Three were on site April 22nd.

Monthly totals were:-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N	0	0	0	2	0	0	0	0	4	0	0	0
S	2	0	2	0	0	0	0	5	2	0	3	0

PINTAIL *Anas acuta*

None early in the year. Autumn passage noted August 26th to December 22nd with a maximum of 64 south November 5th.

Monthly totals were:-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	2	43	59	201	96

SHOVELER *Anas clypeata*

Three south March 25th & two north March 28th were the only records until autumn passage of 53 south on seven dates August 1st to November 7th, with six later birds south December 20th.

POCHARD *Aythya ferina*

Two north April 23rd then a total of 2 north 97 south on nine dates September 19th to November 22nd, max. 36 south October 15th.

TUFTED DUCK *Aythya fuligula*

Singles south September 15th & 22nd, November 22nd plus three south December 5th.

SCAUP *Aythya marila*

Male east April 30th and male south November 26th..

EIDER *Somateria mollissima*

Very few in first half of year except 36 north May 21st with none then until September 15th. Max. later in year 48 north December 2nd.

Monthly totals were:-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N	0	0	1	0	36	0	0	0	2	0	39	53
S	0	0	0	3	1	0	0	0	28	21	0	4

COMMON SCOTER *Melanitta nigra*

The max. count was 47 south October 18th. Apart from movements three were offshore April 6th, one July 19th and two October 22nd.

Monthly totals were:-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N	0	0	0	20	14	0	17	0	5	0	14	6
S	0	0	0	20	3	0	0	24	127	70	12	11

VELVET SCOTER *Melanitta fusca*

Male offshore October 4th.

GOLDENEYE *Bucephala clangula*

“Redhead” south June 21st. In autumn a total of two north 50 south on nine dates from October 27th to December 26th, max. 24 south November 22nd.

RED-BREASTED MERGANSER *Mergus serrator*

Nine north April 7th, four south April 30th & one south May 29th. Autumn passage totalling 118 south September 22nd to December 22nd with peaks of 31 south November 22nd & 35 south December 20th.

HONEY BUZZARD *Pernis apivorus*

One south October 1st (M.Ferris, P.J.Holmes, J.Lees, G.Mortimor) & two south 15th (M.Ferris, B.Mackie, G.Mortimor, N.Odin, P.Oldfield *et.al.*).

RED KITE *Milvus milvus*

One 23rd March (J.Lees, N.Odin). The second site record.

MARSH HARRIER *Circus aeruginosus*

Two south May 19th with autumn singles south August 3rd & 14th, September 23rd & 25th plus three south September 26th.

HEN HARRIER *Circus cyaneus*

A ringtail south October 1st with two (male + ringtail) south November 14th.

SPARROWHAWK *Accipiter nisus*

One to two noted on 42 dates January to May 28th. From August 11th to the years end one to two noted on 53 dates plus six August 22nd & three September 14th.

BUZZARD *Buteo buteo*

Singles March 24th & May 18th.

OSPREY *Pandion haliaetus*

Six south September 16th and singles south September 23rd, October 9th & 19th.

KESTREL *Falco tinnunculus*

Singles, occasionally two noted on site throughout the year with three on September 23rd and four October 5th. A total of 21 south noted September 17th to October 26th, max. six south October 4th & 26th.

MERLIN *Falco columbarius*

One in off the sea April 12th. In autumn a total of six singles noted September 24th to November 4th plus two October 21st.

HOBBY *Falco subbuteo*

Singles noted on 16 dates April 24th to June 9th, one present July 14th & 15th then singles noted on seven dates August 12th to October 1st.

PEREGRINE *Falco peregrinus*

Singles March 28th & November 3rd.

RED-LEGGED PARTRIDGE *Alectoris rufa*

Only one brood of chicks were seen with the years maximum count of 25 on April 24th.

WATER RAIL *Rallus aquaticus*

One November 27th to 28th.

MOORHEN *Gallinula chloropus*

A fresh corpse found in front of the main fort June 6th.

OYSTERCATCHER *Haematopus ostralegus*

Up to four were occasionally on the reserve especially in the spring and summer with a pair nesting unsuccessfully. The years highest movement was 95 south August 19th.

Monthly totals were:-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N	0	0	2	14	16	0	12	4	0	4	0	0
S	2	0	8	34	52	13	36	193	69	10	18	4

AVOCET *Recurvirostra avosetta*

Seven north April 16th & one south 24th, one north May 7th, two south June 4th, two south 13th & one west 15th, four south September 20th & six south 30th plus one south November 22nd.

LITTLE RINGED PLOVER *Charadrius dubius*

Singles south August 13th & 16th.

RINGED PLOVER *Charadrius hiaticula*

Roosting birds only very occasionally at high tide from January to mid-March peaked at 55 March 19th and again later in the year at 75 December 23rd. Despite up to 25 birds present in April & 20 in May only six pairs bred having eight nesting attempts but only one young fledged. Very few passage birds seen.

Monthly totals were:-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	9	2	1	0	0

GOLDEN PLOVER *Pluvialis apricaria*.

Early in the year 99 south January 17th, one present March 22nd & one south May 23rd. A total of 50 birds noted moving south August 14th to November 26th with 102 south December 19th to 29th plus one present December 20th & two 30th.

GREY PLOVER *Pluvialis squatarola*

Noted up to June 4th. In autumn noted from August 14th, max. 38 south November 22nd. One on the beach November 6th.

Monthly totals were:-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N	0	2	0	0	4	5	0	0	0	0	0	0
S	1	0	0	19	0	0	0	29	12	41	118	0

LAPWING *Vanellus vanellus*

Early in the year noted March 20th to May 26th. Autumn movements began June 21st with the highest count 170 south December 29th. Small numbers are occasionally on the reserve in the passage periods, especially early in the morning.

Monthly totals were:-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N	0	0	0	0	4	0	0	0	10	0	0	2
IN/S	0	0	7	6	1	4	0	1	8	60	4	306

KNOT *Calidris canutus*

In spring noted April 2nd to May 8th. In autumn noted from August 19th, max. 263 south November 22nd. Fifteen flew north in May & one was on the beach October 14th..

Monthly totals were:-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
S	0	0	0	49	0	0	0	3	121	18	399	0

SANDERLING *Calidris alba*

Up to three on the beach from January to March 2nd. Later in spring singles April 2nd & 26th, two south April 29th and two present May 13th. Autumn movements totalling 15 south on five dates August 12th to September 30th plus 22 south November 2nd to 22nd. Finally up to three on the beach from November 16th to the year's end except for 19 December 14th.

PURPLE SANDPIPER *Calidris maritima*

Singles on four dates September 3rd to 10th with two November 16th & singles November 28th & December 12th.

DUNLIN *Calidris alpina*

Noted up to May 18th and from July 27th, max. 4670 south November 22nd.

Monthly totals were:-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N	0	0	0	0	9	0	0	0	0	0	0	0
S	36	0	10	5	9	0	10	18	557	59	5162	42

RUFF *Philomachus pugnax*

One south September 1st.

JACK SNIFE *Lymnocyptes minimus*

One south April 12th & singles September 17th & October 27th.

SNIFE *Gallinago gallinago*

One March 21st. Total of 18 on autumn passage August 26th to December 29th, max. three.

WOODCOCK *Scolopax rusticola*

One February 5th. One in the caravan park March 5th. In autumn eight singles noted October 19th to December 29th plus two October 22nd.

BLACK-TAILED GODWIT *Limosa limosa*

One south July 28th, three south July 29th & nine south August 13th.

BAR-TAILED GODWIT *Limosa lapponica*

A total of 65 birds noted April 12th to May 17th, max. 25 north April 17th. One south June 8th & two north July 4th. In autumn one south August 14th & three south 19th, one south September 10th and 17 north October 21st.

WHIMBREL *Numenius phaeopus*

A total of 140 noted from April 14th to May 28th, max. 39 north May 8th. In autumn a total of 23 noted July 9th to September 16th, max. six south August 19th.

CURLEW *Numenius arquata*

Spring max. of 14 north April 29th with laggards noted into May. Autumn passage from at least June 1st, max. 33 south July 1st.

Monthly totals were:-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
E+N	0	1	1	41	7	0	4	2	0	2	2	0
IN/S	0	0	5	11	2	84	45	11	19	9	9	7

REDSHANK *Tringa totanus*

Very few in spring. Autumn passage from July 14th, max. 7 south August 15th. Singles also present on the reserve on the reserve March 23rd, four May dates, August 1st & 30th.

Monthly totals were:-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N	0	0	0	3	6	0	0	0	0	1	0	0
S	0	0	0	2	1	0	8	18	9	3	3	4

GREENSHANK *Tringa nebularia*

Singles north May 1st, 5th, 7th, 11th plus five north May 13th. In autumn 17 noted July 21st to August 29th, max. seven south August 11th plus one south September 30th.

COMMON SANDPIPER *Actitis hypoleucos*

Twelve noted on eight dates May 4th to 26th. Singles noted in autumn on six dates July 4th to September 26th.

TURNSTONE *Arenaria interpres*

Last seen in spring June 1st and the first autumn record was August 2nd. A high count of 25 south noted on August 26th.

Monthly totals were:-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N	0	0	0	1	0	0	0	0	0	0	0	0
S	0	0	3	3	3	0	0	31	17	1	8	0
MAX ON	7	7	19	29	5	1	0	1	3	20	15	10

GREY PHALAROPE *Phalaropus fulicarius*

One October 31st to November 5th (P.Beeson, N.Odin *et.al.*) with two November 2nd (J.Lees), the third & fourth site records.

POMARINE SKUA *Stercorarius pomarinus*

Singles January 5th to 8th & March 2nd. From March 23rd to April 17th noted almost daily, max. six March 29th but probably at least twice as many individuals involved in the records. Also one adult north May 17th and in autumn, one October 8th.

ARCTIC SKUA *Stercorarius parasiticus*

One north April 30th & one present May 15th. From November 9th to December 28th regularly noted with a maximum of three November 22nd but many sightings involving the same couple of distinctively marked individuals.

LONG-TAILED SKUA *Stercorarius parasiticus*

One south September 26th (D.Nevit).

GREAT SKUA *Catharcata skua*

Two south September 1st & singles north November 6th & 11th.

MEDITERRANEAN GULL *Larus melanocephalus*

Present all year but not recorded on a daily basis in June & July. At least nine individuals noted in the first half of the year & at least 14 in the second half. The day max. was nine on October 14th. Many individuals are the same returning birds.

LITTLE GULL *Larus minutus*

One north April 10th, two north 30th & one north May 3rd. Later in the year three south August 23rd, total of nine south September 20th to 22nd, 43 south October 22nd, 15 north November 11th & two north two south 22nd with in December one south plus one present 1st, two south 19th, 24 south 20th & one north 29th.

BLACK-HEADED GULL *Larus ridibundus*

Present throughout the year with a maximum of 2000 January 14th. Some southerly movements noted in spring, max. 80 south March 25th. Groups are regularly seen to come in off the sea or fly south in the autumn with a maximum of 600 south October 6th.

COMMON GULL *Larus canus*

Present almost all year although very few seen in mid-summer. An early year maximum of 3500 noted January 11th. Spring movements included 180 south March 25th & 250 north April 10th.

LESSER BLACK-BACKED GULL *Larus fuscus*

Very few early in the year except for a notable 20 January 19th. Very common all summer.

HERRING GULL *Larus argentatus*

Present all year with a maximum of 1200 on January 6th. Some offshore movement is noted in the migration periods, max. 250 south March 25th.

GLAUCOUS GULL *Larus hyerboreus*

First winter December 28th (N.Odin).

GREAT BLACK-BACKED GULL *Larus marinus*

Present all year although very few noted June to mid-August, max. 400 January 11th. A small passage south noted in autumn, max. 270 south September 16th.

KITTIWAKE *Rissa tridactyla*

Early in the year the maximum count was 4500 offshore January 6th. Very few noted April & May and none at all May 27th to August 26th. Few seen in autumn with the maximum at the year's end 150 December 25th.

SANDWICH TERN *Sterna sandvicensis*

Noted from April 24th to October 4th with a peak movement of 28 south September 16th. From the end of May into September singles were occasionally feeding offshore.

Monthly totals were:-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N	0	0	0	21	32	27	11	0	10	0	0	0
S	0	0	0	6	8	8	9	3	56	3	0	0

COMMON TERN *Sterna hirundo*

Noted from April 10th to September 30th max. 61 south August 29th. Up to 10 birds noted offshore throughout the period.

Monthly totals were:-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N	0	0	0	21	50	4	7	120	33	0	0	0
S	0	0	0	5	56	20	20	144	125	0	0	0

ARCTIC TERN *Sterna paradisaea*

One south April 21st, three north April 30th & five north May 7th. Later in the year three north August 26th, eight south 28th, one south 31st & in September two south 15th, one south 16th & three south 22nd.

LITTLE TERN *Sterna albifrons*

Noted from April 29th to August 21st with a maximum of 110 July 14th. None nested.

Monthly totals were:-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N	0	0	0	4	45	0	7	0	0	0	0	0
S	0	0	0	0	5	1	14	2	0	0	0	0

BLACK TERN *Chlidonias niger*

Two north April 21st, one north April 30th, one north May 7th, two north 14th & one present June 1st. Later in year 15 south August 28th & one south September 22nd.

GUILLEMOT *Uria aalge*

One south January 12th & one dead January 18th. Later in the year noted on 15 dates November 11th to December 29th, max. nine south December 6th.

RAZORBILL *Alca torda*

One January 5th.

FERAL PIGEON *Columba livia*

A small group of Feral Pigeons first noted in November 1993 that were un-ringed were present most of the year peaking at 20 birds in September & October.

STOCK DOVE *Columba oenas*

Two or three present all year with four on April 3rd. One pair possibly attempted nesting. In spring a total of three north 11 south on four dates March 9th to April 20th, max. eight south March 9th. In autumn one south September 3rd preceded a total of 132 south on six dates October 15th to November 4th, max. 79 south November 4th.

WOODPIGEON *Columba palumbus*

Present all year with c.25 pairs nesting. A total of ten north 1152 south noted on 17 dates from March 9th to June 4th, max. 542 south March 9th. A total of 13273 south on autumn passage on 11 dates October 14th to November 15th, max. 2684 south October 26th & 9750 south November 4th. As is usual, there were raiding parties on the Holm Oaks and Sea Kale pods in the autumn peaking at 150 October 29th.

COLLARED DOVE *Streptopelia decaocto*

Present all year with three pairs successfully rearing several broods. Extra birds are often present on site with a peak count of 25 September 3rd. In autumn seven south September 23rd & nine north October 3rd..

TURTLE DOVE *Streptopelia turtur*

A total of 58 noted April 13th to June 4th, max. 18 south May 17th. Autumn passage singles noted July 25th, August 4th & 8th, September 5th & November 1st.

CUCKOO *Cuculus canorus*

One April 2nd then present on most days April 22nd to June 16th, max. six April 30th.

LITTLE OWL *Athene noctua*

Present all year but with very few winter sightings. A pair reared three young in the Fort. Additional dispersing juveniles turned up on October 14th & 19th.

LONG-EARED OWL *Asio otus*

In November one 7th, three 13th & one 22nd to 23rd.

SHORT-EARED OWL *Asio flammeus*

Singles September 16th, October 15th & 22nd.

SWIFT *Apus apus*

Noted from April 22nd to September 23rd. The largest movement was 7 north, 460 south & 84 in off the sea May 28th. Small numbers occasionally feed on site.

Monthly totals were:-

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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IN/N	0	0	0	0	150	23	98	8	1	0	0	0
S	0	0	0	1	1041	851	89	446	6	0	0	0

KINGFISHER *Alcedo atthis*

Singles August 22nd & 23rd.

GREEN WOODPECKER *Picus viridis*

One March 20th. Singles noted on 14 dates July 20th to August 28th plus October 1st & 24th, November 1st & 4th.

GREAT SPOTTED WOODPECKER *Dendrocopos major*

Singles on ten dates July 2nd to December 2nd plus two October 12th.

WOODLARK *Lullula arborea*

Spring singles March 4th, 12th & 15th. In autumn one October 17th, two 26th & 31st and one November 4th.

SKYLARK *Alauda arvensis*

Very few grounded birds noted all year with, apart from a juvenile on three dates in late July absent from June 10th to September 28th. The years max. on the reserve was just three April 30th. Autumn passage from October 2nd, max. 116 south November 7th.

Monthly totals were:-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
IN/S	0	0	1	0	0	0	0	0	0	156	170	5

SAND MARTIN *Riparia riparia*

A total of nine in/north and 67 south from April 19th to May 28th. A total of 19 in/north and 827 south from July 1st to October 2nd with a maximum of 226 south August 28th.

SWALLOW *Hirundo rustica*

Noted from April 7th to November 15th with none nesting and very few birds loitering on site. Spring passage noted up to June 25th and autumn passage from July 28th with a peak count of 1208 south August 28th.

Monthly totals were:-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N	0	0	0	28	52	0	0	7	0	50	0	0
IN/S	0	0	0	232	677	110	24	2166	6475	739	23	0

HOUSE MARTIN *Delichon urbica*

One March 26th preceded records from April 19th to November 4th although very few records in mid-summer. The peak movement was 370 in off the sea September 16th.

Monthly totals were:-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N	0	0	0	1	6	7	0	0	42	3	0	0
IN/S	0	0	1	26	518	165	1	9	1199	286	6	0

RICHARD'S PIPIT *Anthus novaeseelandiae*

One north October 15th (N.Odin).

TREE PIPIT *Anthus trivialis*

A total of 38 noted April 19th to May 13th, max. 14 May 8th. In autumn a total of 43 noted August 28th to October 3rd, max. seven September 29th.

MEADOW PIPIT *Anthus pratensis*

Seen all year but with very few in the winter months. Spring arrivals began as early as February 6th. Six pairs bred. Peak movement of 1954 south September 29th and of grounded migrants 70 September 28th.

Monthly totals were:-

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N	0	0	28	0	0	0	0	0	6	1	0	0

IN/S	0	0	20	7	1	0	0	4	4870	665	350	0
Max On	1	25	40	15	10	15	12	12	70	40	3	2

ROCK PIPIT *Anthus petrosus*

One February 2nd. Seven spring singles noted March 11th to April 29th. A total of 18 south October 2nd to December 6th with singles noted on site on six dates during this period plus two October 22nd. Also one later bird present December 28th.

YELLOW WAGTAIL *Motacilla flava*

A total of 38 north 150 south April 8th to May 20th, max. four north 21 south April 23rd with in addition singles noted on the reserve on eight dates during the spring passage period. Single later birds flew south June 2nd & July 1st. In autumn a total of 120 south August 12th to October 7th, max. 34 south August 29th with up to two birds present on site on ten dates.

BLUE-HEADED WAGTAIL *M.f.flava*

One May 14th.

GREY WAGTAIL *Motacilla cinerea*

One north March 31st. In autumn a total of one north 44 south plus two duos present on site August 26th to November 8th, max. five south October 1st.

PIED WAGTAIL *Motacilla alba*

Two pairs nested successfully in the dock edge and these birds plus their offspring account for a large proportion of records of birds on the reserve. A maximum of nine were noted on site March 10th. A total of seven north 12 south from March 15th to April 21st. In autumn a total of one north 432 south from September 5th to November 29th, with a maximum of 51 south October 13th.

WHITE WAGTAILS *M.a.alba*

Singles March 23rd to 25th, April 18th & 29th & May 13th.

WREN *Troglodytes troglodytes*

Six early in the year decreasing to five by March. Spring passage from March 12th to May 10th. A new female turned up June 10th. One pair bred successfully with first juvs. June 10th. Autumn passage September 21st to November 17th, max.15 October 13th & 15th with at least ten birds remaining into December.

DUNNOCK *Prunella modularis*

Present all year with c.12 pairs nesting. Spring passage March 5th to April 22nd. The first juvenile was noted May 20th. Autumn passage September to October 22nd. A total of 31 flew south September 28th to October 7th, with a maximum of 20 south September 30th a day on which an additional 50 were present on site.

ROBIN *Erithacus rubecula*

Eight birds successfully over-wintered. Spring passage was noted March 10th to May 8th, max. 15 April 5th. A late migrant was present June 4th. Two pairs bred successfully. Autumn passage from August until the last migrant passed through on December 2nd, max. 60 September 24th. Up to 12 were wintering on site at the year's end.

NIGHTINGALE *Luscinia megarhynchos*

One April 12th, two 16th & one 17th, one June 14th & one August 18th.

BLUETHROAT *Luscinia svecica*

A first summer male of the race *cyaneacula* present April 16th (Finders not known, R.A.Duncan, J.Lees *et.al.*).

BLACK REDSTART *Phoenicurus ochruros*

Spring passage March 13th to June 4th, max. three on April 5th & 16th. Autumn passage October 15th to November 18th, max. five October 21st.

REDSTART *Phoenicurus phoenicurus*

Singles noted on six dates April 14th to May 13th, plus two May 1st. Autumn passage August 3rd to October 15th, max. four September 10th.

WHINCHAT *Saxicola rubetra*

Spring passage singles noted on seven dates April 24th to May 10th. Autumn passage August 23rd to October 2nd, max. three August 26th, September 2nd & 3rd.

STONECHAT *Saxicola torquata*

Three spring singles noted March 3rd to 13th plus a later single April 14th to 17th. In autumn singles October 21st, 22nd & November 21st.

WHEATEAR *Oenanthe oenanthe*

Spring passage March 13th to May 13th, max. 25 April 24th & 27th. Autumn passage July 21st to October 29th, max. 13 September 28th.

RING OUZEL *Turdus torquatus*

Singles April 3rd, 15th & 16th, September 26th & 28th, October 15th, 19th & 21st plus 21 October 22nd.

BLACKBIRD *Turdus merula*

Present all year with c.12 pairs nesting. Spring passage March 5th to May 14th with a peak of 25 March 13th. First autumn migrants from September 12th with stragglers noted into December with peak counts of 120 October 15th and 100 November 6th & 7th.

FIELDFARE *Turdus pilaris*

One January 6th. Spring passage March 13th to April 29th, max. three March 23rd. In autumn noted from October 16th with 350 present December 19th.

SONG THRUSH *Turdus philomelos*

One overwintered. Spring passage began in late February to May 9th, max. five April 3rd. A handful of dispersing juveniles turned up June 9th to July 3rd. One August 19th preceded autumn passage from September 10th with stragglers still passing through into December, with peaks of 400 October 16th and 320 October 22nd.

REDWING *Turdus iliacus*

Spring passage March 9th to April 10th, max. 20 March 12th. Autumn passage September 24th to November 7th with a later two 28th, max. 6000 October 22nd. Small number also noted December 19th to 28th, max. 12 December 22nd.

MISTLE THRUSH *Turdus viscivorus*

Spring passage of eight birds February 12th to March 13th, max. three March 13th. One juvenile present May 29th. Autumn passage of 21 birds September 21st to November 10th, max. two.

SEDGE WARBLER *Acrocephalus schoenobaenus*

Three spring singles May 1st to 12th. Autumn passage July 13th to September 14th, max. four September 9th.

REED WARBLER *Acrocephalus scirpaceus*

Noted from April 23rd to June 28th, max. ten June 5th. In autumn singles August 9th, 28th, September 20th, two on both October 1st & 5th and one October 21st.

MELODIOUS WARBLER *Hippolais polyglotta*

One adult July 27th (P.J.Holmes, N.Odin).

LESSER WHITETHROAT *Sylvia curruca*

Spring passage April 18th to at least May 9th, max. six April 30th. One pair bred successfully. Autumn passage August 6th to September 19th, max. five on three early August dates but these include locals. A later bird was present October 20th & 21st.

WHITETHROAT *Sylvia communis*

Spring passage April 9th to at least June 5th, max. ten on eight dates. Four or five males sang with young produced from at least three pairs. Autumn passage from at least the end of July to October 16th, max. ten August 21st.

GARDEN WARBLER *Sylvia borin*

Spring passage May 1st to 14th, max. four 1st. Autumn passage August 4th to October 31st, max. five September 20th.

BLACKCAP *Sylvia atricapilla*

Spring passage April 1st to June 26th, max. six May 1st. An unseasonal female was present July 13th. Several juveniles turned from July 29th indicating nesting nearby but not on site. Autumn passage August 29th to November 17th, max. 25 October 5th.

PALLAS'S WARBLER *Phylloscopus proregulus*

Two November 23rd (M.Ferris, M.Marsh, N.Odin *et.al.*).

WESTERN BONELLI'S WARBLER *Phylloscopus bonelli*

Male May 27th to 29th (N.Odin *et.al.*).

WOOD WARBLER *Phylloscopus sibilatrix*

Singles May 4th, August 3rd & two August 9th.

CHIFFCHAFF *Phylloscopus collybita*

Spring passage March 13th to June 12th, max. 15 March 17th. A dispersing juvenile present July 22nd & 28th. Autumn passage September 5th to December 2nd plus a later bird 29th, max. 21 October 1st.

WILLOW WARBLER *Phylloscopus trochilus*

Spring passage April 1st to June 19th, max. 20 April 26th & 28th. A very young juvenile present June 28th & July 2nd. Autumn passage July 16th to October 1st, max. 15 August 8th.

GOLDCREST *Regulus regulus*

One overwintered successfully. Spring passage March 6th to April 25th, plus a later bird May 22nd & 23rd max. 25 March 17th & 20th. Autumn passage September 5th to November 15th plus a later bird 29th, max. 80 October 20th. A late fall of 40 November 7th was notable for late in the season.

FIRECREST *Regulus ignicapillus*

Spring passage March 13th to May 14th, max. three April 3rd, 13th & 14th. Autumn passage October 20th to November 14th, plus a later bird December 3rd, max. six October 20th.

SPOTTED FLYCATCHER *Muscicapa striata*

Spring passage May 1st to June 9th, max. three May 8th. Autumn passage July 31st to October 1st, max three September 8th, 9th & 10th.

PIED FLYCATCHER *Ficedula hypoleuca*

Singles April 24th, May 8th & 13th. Autumn passage July 25th to September 12th, max. two July 30th & September 3rd.

LONG-TAILED TIT *Aegithalos caudatus*

In spring passage March 12th to 26th, max.eleven 12th. One June 3rd. In autumn ten October 15th, five October 16th, 15 November 17th & two December 16th.

WILLOW TIT *Parus montanus*

One April 22nd (J.Lees, *et.al.*), the forth site record.

COAL TIT *Parus ater*

Continental race birds *P.a.ater* in April were one 2nd, two 6th & three 22nd with two birds not racially identified but probably this race April 3rd. Single British race birds *P.a.britanicus* August 6th & 8th.

BLUE TIT *Parus caeruleus*

Small numbers present all year. One pair bred. Spring passage February 24th to May 14th, max. ten April 12th. Juveniles turn up on site from early June with passage continuing to November 4th, max. eight October 19th.

GREAT TIT *Parus major*

Present all year with two pairs nesting but failing. Spring passage March 5th to April 19th, max. 32 March 12th. A few juveniles turn up on site in June and early July. Autumn passage September 10th to November 1st, max. eight October 15th.

JAY *Garrulus glandarius*

One May 1st.

MAGPIE *Pica pica*

Present all year with one pair nesting but failing. Spring max. of eight March 9th and 12 September 30th later in the year.

JACKDAW *Corvus monedula*

In spring a total of four north and 20 south March 12th to May 6th, max. ten south May 6th. In autumn a total of six south on five dates September 22nd to November 17th.

ROOK *Corvus frugilegus*

Spring passage of two north and 20 south March 9th to April 29th, max. seven south March 9th. Up to three present on site on five April dates. Autumn passage totalling 28 south and one in off the sea September 7th to November 14th, max. eleven south September 25th.

CARRION CROW *Corvus corone*

Present all year with the local pair rearing three young on the dock lighting towers. Intruders occasionally turn up on site and are soon seen off by the locals. Spring passage movements of seven north, 70 south and four in off the sea March 9th to May 7th, max. 10 south March 27th. Two flew north July 22nd & one south August 15th. Visible movements in autumn totalling two north, 19 south, four in off the sea September 21st to October 26th, max. eight south October 6th.

STARLING *Sturnus vulgaris*

Present all year with at least five pairs nesting. The early year maximum was 150 January 1st. Spring numbers peaked at 1000 March 22nd. 800 were on site May 22nd and 2000 roosted at the end of August & in early September. Visible movements noted September 23rd to November 24th with a total of 4167 noted coming in off the sea or flying south, max. 1328 in off the sea November 2nd.

HOUSE SPARROW *Passer domesticus*

Present all year with a speculated 30 pairs nesting. The years peak count was just 70 in September. A male which was presumably a hybrid House X Tree Sparrow sang from the cottage garage in spring, was ringed and had presumably been ringed as a juvenile House Sparrow the previous autumn.

TREE SPARROW *Passer montanus*

Singles noted on 14 dates March 30th to May 18th with two May 12th & three May 17th. The bulk of these records refer to a bird first trapped the previous May. Later in the year singles on five dates August 29th to October 19th plus three north November 4th.

CHAFFINCH *Fringilla coelebs*

One to two noted early and late in the year. A total of 23 south March 12th to April 1st plus two north May 1st. Spring max. of grounded birds seven March 9th. None were recorded June 11th to September 8th. Autumn passage September 9th into December with a total of 1531 south/in off the sea, max. 310 in off the sea November 2nd on which date 85 were also on site.

BRAMBLING *Fringilla montifringilla*

Spring passage March 18th to April 30th, max. three April 23rd. Autumn passage October 4th to November 8th, max. five on October 6th & 20th.

SERIN *Serinus serinus*

One north April 9th(N.Odin, *et.al.*) & one female May 1st (P.J.Holmes, M.James, J.Lees, B.Mackie, D.Nevit, S.H.Piotrowski, *et.al.*) .

GREENFINCH *Carduelis chloris*

Present all year but none nesting on site and up to 50 birds daily feeding on site late summer. The highest spring count was just 15 apart from 58 south March 25th. Visible migration noted in autumn with 2773 south September 17th to November 27th, max. 429 south October 26th.

GOLDFINCH *Carduelis carduelis*

Present all year although very few noted in the winter months. None bred on site. Visible migration in spring totalled 1245 south March 13th to June 9th, max. 249 south April 29th. Up to 20 noted feeding on site in the late summer and 40 in the autumn. Visible passage movements totalling 5281 south August 28th to December 6th, max. 499 south October 14th.

SISKIN *Carduelis spinus*

Spring passage totalling three north eight south plus four singles present March 13th to May 17th. In autumn a total of one north, 109 south & three singles on site September 20th to November 27th, max. 25 south September 25th.

LINNET *Carduelis cannabina*

23 January 19th was the only record until February 22nd. An estimated 45 - 50 pairs nested. In spring a total of 491 south March 9th to May 1st, max. 149 south April 23rd. Up to 150 were on site late July & early August. In autumn a total of 4282 south September 5th to November 30th, max. 483 south October 14th. None were seen in December.

LESSER REDPOLL *Carduelis cabaret*

One April 28th. In autumn a total of 145 south plus ten individuals on site September 30th to November 21st, max.31 south October 10th.

BULLFINCH *Pyrrhula pyrrhula*

Singles April 26th & November 17th.

HAWFINCH *Coccothraustes coccothraustes*

Singles April 18th & 28th.

SNOW BUNTING *Plectrophenax nivalis*

One February 14th & in November one 9th, 15 24th & one 30th.

YELLOWHAMMER *Emberiza citrinella*

A total of one north, ten south plus four singles on site March 7th to April 10th plus one later bird May 5th. In autumn only seven south plus one present October November 1st to 8th.

REED BUNTING *Emberiza schoeniclus*

Spring singles March 24th & April 29th. A total of 36 south & six individuals on site
October 1st to November 20th, max. nine south October 14th.

CORN BUNTING *Miliaria calandra*

One May 6th to 7th & one south November 29th.

APPENDIX I - ESCAPEES

BAR-HEADED GOOSE *Anser indicus*

One west March 23rd.

RED-BILLED LEIOTHERIX *Leiothrix lutea*

One June 15th & 16th.

BEAVAN'S BULLFINCH *Pyrrhula erythac*

Male May 15th & 16th.

COMMON WAXBILL *Estrilida astrilid*

One August 27th.