

## Ringing Report for 1979-81

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This report covers a three-year period, 1979-1981, during which a total of 25,613 birds was ringed. This represents a decrease of 8,837 birds when compared to the previous three-year period (1976-1978). The decrease is mainly due to the fact that several ringers were actively engaged on the Ghadira project from mid-1980. Thus the ringing activity of some of the most active ringers was greatly reduced. The relatively poor migration of autumn 1979 and, in particular, of both spring and autumn of 1980 also contributed to this decrease. By the end of 1981 the grand total of birds ringed stood at 114,706 of 143 species.

The number of birds ringed in 1979 was 9,398 of 85 species; a decrease of 2,032 from the previous year's total. The slump continued in 1980 when 7,481 birds of 88 species were ringed. In 1981 a slight increase was registered as 8,734 birds of 98 species figured in the totals list.

By the end of the three-year period under review the same species occupying the 15 top places of birds ringed retained the same position except for the Sardinian Warbler, which moved into 6th place in front of the Sand Martin (this was due to the increase in ringed Sardinian Warbler pulli and the poor catches of Sand Martin in 1979 and 1980) and the Wood Warbler which moved up in front of the Yellow Wagtail. The following table shows these 15 top species ringed since 1965, with the annual totals for the 6 years 1976-1981. From it one can deduce which species have contributed towards the decrease in totals for the year 1980 as compared to the total number of 1977 which, at 13,511, was the highest for any one year since ringing started in 1965.

	1976	1977	1978	1979	1980	1981	1965-1981
Robin	1381	1843	1586	989	676	1140	14515
Chiffchaff	1108	2689	984	719	787	674	12938
Storm Petrel	460	578	1285	809	791	463	11863
Swallow	840	901	1727	824	755	1265	11512
Spanish Sparrow	820	812	694	817	562	661	8062
Sardinian Warbler	531	675	691	829	591	581	5868
Sand Martin	272	1112	538	380	181	909	5862
Garden Warbler	486	283	271	412	250	254	4519
Blackcap	252	625	551	643	285	228	4446
House Martin	359	406	272	282	111	348	3807
Subalpine Warbler	346	218	238	230	279	160	2846
Wood Warbler	348	305	145	248	255	114	2153
Yellow Wagtail	111	157	257	125	48	96	1910
Willow Warbler	139	174	248	136	158	121	1758
Redstart	153	155	128	95	30	63	1525

Although the totals ringed in the year 1979-81 are much less than the previous corresponding three years, the period under review also produced some annual records. Those for 1979 were Cetti's Warbler (60), Fan-tailed Warbler (233), Reed Warbler (122), Spectacled Warbler (255), Sardinian Warbler (829) and Blackcap (643). The record annual totals for 1980 were Little Stint (80), Common Sandpiper (44), Fan-tailed Warbler (362) and Corn Bunting (65). Those for 1981 were Little Stint (103), Ruff (18), Meadow Pipit (209), Cetti's Warbler (62) and Tree Sparrow (26). The records of Cetti's Warbler, Fan-tailed Warbler, Spectacled Warbler and Sardinian Warbler reflect the increase in pulli ringing. The record totals of waders result from the habitat management at Ghadira where since 1980, water has been present also in summer and early autumn. The record catch of Meadow Pipits in 1981 was achieved due to larger numbers present during winter, producing good catches, mainly at Lunzjata.

Eleven new species have been added to the ringing list during the period under review. These were Little Grebe and Yellow-browed Warbler in 1979; Coot, Spotted Redshank, Redshank, Marsh Sandpiper and Greenshank in 1980; and Night Heron, Stone Curlew, Short-eared Owl and Little Bunting in 1981. These have brought the number of species ringed since autumn 1965 to 143 and 1 hybrid.

Following this preamble the report consists of a list of ringing and recovery totals to 31.12.81, a ringing-recoveries section which deals with 62 recoveries of 20 species oc-

curing during 1979-81, and another section dealing with locally-recovered foreign ringed birds (52 recoveries of 28 species). As usual this last section includes birds which were recovered in earlier years but which came to our notice during the current period.

The 62 recoveries of Malta-ringed birds included in this report are those which occurred at least 5 km away from the ringing site. 32 of these were recovered abroad. As in previous years the hirundines and the Robin produced the highest number of foreign recoveries. 10 Swallows, 3 Sand Martins and 1 House Martin were found in various European countries, while 5 Robins were reported from Sweden, Finland, Italy and Tunisia (2). A White-throat ringed on spring migration at Lunzjata and recovered on its southern journey the following autumn in Egypt was the scheme's first recovery of this species. The 2nd recovery of a Nightingale turned out in Czechoslovakia. A 2nd Snipe in Italy (recovered after only 4 days in autumn!) is amongst other species figuring in the List. The local movements of 6 Cetti's Warblers and 8 Fan-tailed Warblers controlled during this period are most interesting.

The recoveries of foreign ringed birds hail from Czechoslovakia (11), U.S.S.R. (9), Sweden (5), Finland (4), France (3), Great Britain (3), Hungary (2), Austria (2), Italy (2), Holland (2), Poland (2), Denmark (1), Belgium (1), West Germany (1), East Germany (1), Greece (1), Eire (1) and S.W. Africa (1). The species which have been recovered for the first time are an Avocet from Ukraine (USSR) and a Little Stint from England. There are several other interesting recoveries including a Turnstone from S.W. Africa, a Swedish Temminck's Stint controlled a fortnight after being ringed, the first Nightjar from Sweden the first Swift from Finland, the first Chaffinch from U.S.S.R. (Kiev), and the first Sedge Warbler from Holland. Three Ospreys, two from Finland and one from Sweden, brought the total of recoveries of this species to 14 and 12 from these countries respectively. The first Marsh Harrier from Latvia SSR and the first Honey Buzzard from Hungary are two other raptors which figure in this section. The 5th Great Skua to be recovered also hailed from the Shetlands, as did the previous four birds. The hirundines, with 7 Sand Martins and 4 Swallows, top the List of recoveries.

At the beginning of the three-year period under review the ringing permit holders were J. Attard Montalto, J. Azzopardi, D. Cachia, R. Cachia Zammit, V. Cilia, E. Curmi, R. Galea, C. Gauci, M.V. Gauci, I. Gauci, B.K. German, J. Grech, M. Grima, R.M. Holman, V. Sammut, J. Sultana and R. Testa. D. Cachia and R. Galea acquired the ringing permit at the beginning of 1979. R.M. Holman left the islands in March 1979. However, at the same time J.W. Perry qualified as a ringer. During 1980 the number of ringers remained the same as in the previous year with, however, E. Curmi, M.V. Gauci and J.W. Perry being away from the islands for most of the year. During 1981 the permits of J. Azzopardi and J.W. Perry were withdrawn due to their emigration from the islands, while E. Curmi was again away for most of the year. M.V. Gauci returned from his studies abroad in July while 2 new ringers, S. Balzan and J. Borg, joined the group on attaining the required standard after a period of training.

In January 1979 the Government accorded official recognition to the MOS bird ringing scheme. An agreement between Miss A. Barbara, then Minister responsible for Culture, and the MOS was signed. The scheme was called the Valletta Bird Ringing Scheme and is to be run by a Committee appointed by the MOS and two Government representatives.

The Committee for the three-year period was composed of J. Sultana (Ringing Officer), C. Gauci (Ringing Secretary), B.K. German (Treasurer), J. Azzopardi (Committee's Secretary) and A.E. Baldacchino (Member). The representatives of the Ministry of Culture were E. Schembri and J. Vella Gaffiero. In 1981 R. Galea replaced J. Azzopardi as Committee's Secretary.

C. Gauci, Ringing Secretary, was responsible for recording and filing all the ringing and recovery data.

## RINGING AND RECOVERY TOTALS TO 31.12.81

Species	Ringed in 1979	Ringed in 1980	Ringed in 1981	Grand Total ringed 1965-1981	Grand Total recovered 1965-1981
Little Grebe <i>Tachybaptus ruficollis</i>	1	-	-	1	-
Cory's Shearwater <i>Calonectris diomedea</i>	51	23	59	773	20
Manx Shearwater <i>Puffinus puffinus</i>	64	28	22	380	3
Storm Petrel <i>Hydrobates pelagicus</i>	809	791	463	11,863	23
Little Bittern <i>Ixobrychus minutus</i>	2	-	1	22	1
Night Heron <i>Nycticorax nycticorax</i>	-	-	1	1	-
Kestrel <i>Falco tinnunculus</i>	-	-	1	9	1
Hobby <i>Falco subbuteo</i>	-	-	-	1	-
Quail <i>Coturnix coturnix</i>	1	-	-	4	-
Water Rail <i>Rallus aquaticus</i>	-	2	1	20	1
Spotted Crake <i>Porzana porzana</i>	1	-	-	8	1
Little Crake <i>Porzana parva</i>	-	-	-	5	-
Baillon's Crake <i>Porzana pusilla</i>	-	-	-	1	-
Moorhen <i>Gallinula chloropus</i>	4	1	5	41	2
Coot <i>Fulica atra</i>	-	1	-	1	-
Stone Curlew <i>Burhinus oedipnemus</i>	-	-	1	1	-
Little Ringed Plover <i>Charadrius dubius</i>	-	7	2	37	1
Ringed Plover <i>Charadrius hiaticula</i>	-	-	-	4	-
Lapwing <i>Vanellus vanellus</i>	-	-	-	1	-
Little Stint <i>Calidris minuta</i>	7	80	103	337	4
Temminck's Stint <i>Calidris temminckii</i>	-	2	9	20	-
Curlew Sandpiper <i>Calidris ferruginea</i>	4	2	6	29	3
Dunlin <i>Calidris alpina</i>	2	5	10	24	-
Ruff <i>Philomachus pugnax</i>	-	1	18	32	1
Jack Snipe <i>Lymnocyptes minimus</i>	5	2	4	16	1
Snipe <i>Gallinago gallinago</i>	3	3	10	28	2
Great Snipe <i>Gallinago media</i>	2	-	1	5	1
Spotted Redshank <i>Tringa erythropus</i>	-	1	-	1	-
Redshank <i>Tringa totanus</i>	-	1	1	2	-
Marsh Sandpiper <i>Tringa stagnatilis</i>	-	1	-	1	-

Greenshank <i>Tringa nebularia</i>	-	1	-	1	-
Green Sandpiper <i>Tringa ochropus</i>	-	1	1	18	3
Wood Sandpiper <i>Tringa glareola</i>	1	12	14	76	7
Common Sandpiper <i>Actitis hypoleucos</i>	6	44	29	112	-
Mediterranean Gull <i>Larus melanocephalus</i>	-	-	-	1	-
Black-headed Gull <i>Larus ridibundus</i>	-	-	-	1	1
Herring Gull <i>Larus argentatus</i>	4	2	2	22	2
Turtle Dove <i>Streptopelia turtur</i>	4	2	3	32	4
Cuckoo <i>Cuculus canorus</i>	1	1	1	17	-
Scops Owl <i>Otus scops</i>	2	3	1	85	5
Short-eared Owl <i>Asio flammeus</i>	-	-	1	1	-
Nightjar <i>Caprimulgus europaeus</i>	-	-	-	11	1
Swift <i>Apus apus</i>	-	-	1	3	-
Kingfisher <i>Alcedo atthis</i>	2	7	7	53	7
Hoopoe <i>Upupa epops</i>	-	-	-	7	-
Wryneck <i>Jynx torquilla</i>	20	7	8	218	1
Short-toed Lark <i>Calandrella brachydactyla</i>	3	7	27	129	1
Woodlark <i>Lullula arborea</i>	-	-	-	2	-
Skylark <i>Alauda arvensis</i>	-	-	-	26	4
Sand Martin <i>Riparia riparia</i>	380	181	909	5,862	28
Swallow <i>Hirundo rustica</i>	824	755	1,265	11,512	76
Red-rumped Swallow <i>Hirundo daurica</i>	-	-	5	30	1
House Martin <i>Delichon urbica</i>	282	111	348	3,807	12
Richard's Pipit <i>Anthus novaeseelandiae</i>	-	-	-	1	-
Tawny Pipit <i>Anthus campestris</i>	-	-	1	8	-
Olive-backed Pipit <i>Anthus hodgsoni</i>	-	-	-	1	-
Tree Pipit <i>Anthus trivialis</i>	34	15	39	723	1
Meadow Pipit <i>Anthus pratensis</i>	18	18	209	720	6
Red-throated Pipit <i>Anthus cervinus</i>	-	1	1	18	-
Water Pipit <i>Anthus spinoletta</i>	-	-	-	5	-
Yellow Wagtail <i>Motacilla flava</i>	125	48	96	1,910	19
Grey Wagtail <i>Motacilla cinerea</i>	14	16	21	431	7
White Wagtail <i>Motacilla alba</i>	6	8	27	302	5

Wren <i>Troglodytes troglodytes</i>	-	2	-	17	-
Dunnoek <i>Prunella modularis</i>	75	58	33	739	4
Rufous Bush Chat <i>Cercotrichas galactotes</i>	1	-	1	5	-
Robin <i>Erithacus rubecula</i>	989	676	1,140	14,515	143
Thrush Nightingale <i>Luscinia luscinia</i>	1	-	1	4	-
Nightingale <i>Luscinia megarynchos</i>	90	33	33	995	2
Bluethroat <i>Luscinia svecica</i>	3	2	4	42	-
Black Redstart <i>Phoenicurus ochruros</i>	-	2	15	62	1
Redstart <i>Phoenicurus phoenicurus</i>	95	30	63	1,525	2
Whinchat <i>Saxicola rubetra</i>	17	35	9	304	-
Stonechat <i>Saxicola torquata</i>	95	65	87	817	2
Isabelline Wheatear <i>Oenanthe isabellina</i>	-	-	-	1	-
Wheatear <i>Oenanthe oenanthe</i>	13	3	2	109	1
Black-eared Wheatear <i>Oenanthe hispanica</i>	-	-	-	2	-
Rock Thrush <i>Monticola saxatilis</i>	-	-	-	3	-
Blue Rock Thrush <i>Monticola solitarius</i>	1	5	4	52	3
Ring Ouzel <i>Turdus torquatus</i>	-	-	-	3	-
Blackbird <i>Turdus merula</i>	5	3	3	135	12
Fieldfare <i>Turdus pilaris</i>	-	-	1	2	-
Song Thrush <i>Turdus philomelos</i>	41	31	26	529	27
Redwing <i>Turdus iliacus</i>	-	-	-	24	-
Cetti's Warbler <i>Cettia cetti</i>	60	50	62	424	12
Fan-tailed Warbler <i>Cisticola juncidis</i>	233	362	168	1,203	25
Grasshopper Warbler <i>Locustella naevia</i>	-	1	-	3	-
River Warbler <i>Locustella fluviatilis</i>	-	-	-	1	-
Savi's Warbler <i>Locustella luscinioides</i>	6	-	2	31	-
Moustached Warbler <i>Acrocephalus melanopogon</i>	3	2	1	51	1
Sedge Warbler <i>Acrocephalus schoenobaenus</i>	103	25	68	1,144	1
Marsh Warbler <i>Acrocephalus palustris</i>	2	-	-	5	-
Reed Warbler <i>Acrocephalus scirpaceus</i>	122	35	44	858	-
Great Reed Warbler <i>Acrocephalus arundinaceus</i>	62	31	15	745	2
Olivaceous Warbler <i>Hippolais pallida</i>	1	-	-	3	-
Icterine Warbler <i>Hippolais icterina</i>	41	47	18	582	-

Melodious Warbler <i>Hippolais polyglotta</i>	-	1	-	2	-
Dartford Warbler <i>Sylvia undata</i>	-	2	1	35	-
Spectacled Warbler <i>Sylvia conspicillata</i>	255	221	65	1,113	2
Subalpine Warbler <i>Sylvia cantillans</i>	230	279	160	2,846	-
Sardinian Warbler <i>Sylvia melanocephala</i>	829	591	681	5,868	25
Ruppell's Warbler <i>Sylvia rueppelli</i>	-	-	-	2	-
Orphean Warbler <i>Sylvia hortensis</i>	-	-	-	4	-
Barred Warbler <i>Sylvia nisoria</i>	-	-	-	1	-
Lesser Whitethroat <i>Sylvia curruca</i>	5	-	3	29	-
Whitethroat <i>Sylvia communis</i>	72	44	16	1,124	1
Garden Warbler <i>Sylvia borin</i>	412	250	254	4,519	8
Blackcap <i>Sylvia atricapilla</i>	643	285	228	4,446	11
Yellow-browed Warbler <i>Phylloscopus inornatus</i>	1	-	5	6	-
Bonelli's Warbler <i>Phylloscopus bonelli</i>	4	2	3	71	-
Wood Warbler <i>Phylloscopus sibilatrix</i>	248	255	114	2,153	-
Chiffchaff <i>Phylloscopus collybita</i>	719	787	674	12,938	32
Willow Warbler <i>Phylloscopus trochilus</i>	136	158	121	1,758	1
Goldcrest <i>Regulus regulus</i>	4	4	14	71	-
Firecrest <i>Regulus ignicapillus</i>	12	7	10	174	1
Spotted Flycatcher <i>Muscicapa striata</i>	52	58	19	749	3
Red-breasted Flycatcher <i>Ficedula parva</i>	3	1	1	38	-
Semi-collared Flycatcher <i>Ficedula semitorquata</i>	-	-	-	3	-
Collared Flycatcher <i>Ficedula albicollis</i>	13	7	12	182	-
Pied Flycatcher <i>Ficedula hypoleuca</i>	74	111	39	1,247	2
Penduline Tit <i>Remiz pendulinus</i>	-	-	-	2	1
Golden Oriole <i>Oriolus oriolus</i>	9	11	4	101	6
Red-backed Shrike <i>Lanius collurio</i>	6	5	-	68	-
Woodchat Shrike <i>Lanius senator</i>	7	6	10	117	-
Starling <i>Sturnus vulgaris</i>	3	1	2	62	6
Spanish Sparrow <i>Passer hispaniolensis</i>	817	562	661	8,061	100
Tree Sparrow <i>Passer montanus</i>	16	24	26	162	1
Tree Sparrow x Spanish Sparrow <i>Passer montanus x hispaniolensis</i>	-	-	-	1	1
Chaffinch <i>Fringilla coelebs</i>	29	15	29	345	6

Brambling <i>Fringilla montifringilla</i>	-	1	-	4	-
Serín <i>Serinus serinus</i>	1	26	13	187	4
Greenfinch <i>Carduelis chloris</i>	1	-	2	258	18
Goldfinch <i>Carduelis carduelis</i>	1	-	1	13	1
Siskin <i>Carduelis spinus</i>	-	-	1	6	-
Linnet <i>Carduelis cannabina</i>	-	10	7	886	53
Scarlet Rosefinch <i>Carpodacus erythrinus</i>	1	-	-	2	-
Lapland Bunting <i>Calciarius lapponicus</i>	-	-	-	1	-
Yellowhammer <i>Emberiza citrinella</i>	-	-	-	1	-
Ortolan Bunting <i>Emberiza hortulana</i>	-	-	-	2	-
Rustic Bunting <i>Emberiza rustica</i>	-	-	-	4	1
Little Bunting <i>Emberiza pusilla</i>	-	-	1	1	-
Yellow-breasted Bunting <i>Emberiza aureola</i>	-	-	-	1	-
Reed Bunting <i>Emberiza schoeniclus</i>	17	3	4	59	-
Corn Bunting <i>Miliaria calandra</i>	38	65	19	235	5
Totals	9,398	7,481	8,734	114,706	783

#### RINGING RECOVERIES

This section deals with 62 recoveries of 20 species occurring during 1979-81. Only those recovered at least 5 km away from the ringing site are included. For local recoveries the approximate distance covered and direction are given. The co-ordinates of localities are given once when these are first mentioned.

##### Key to symbols and terms used in the recovery list

- Arrangement of entry : recoveries are arranged by species, and within the species usually by date of recovery. Ringing details are given on the first line and recovery data on the second.
- Ring number : where this is followed by an asterisk (\*) the ring has been returned.
- Age code : 1 = pullus; young bird ringed in the nest.  
 1J = fledged; but flying so weakly that it is obviously incapable of having travelled far from the nest.  
 2 = fully grown; year of hatching quite unknown.  
 3 = definitely hatched during current calendar year.  
 3J = definitely hatched during current calendar year and still partly or completely in juvenile body plumage.  
 4 = hatched before current calendar year; exact year unknown.  
 5 = definitely hatched during last calendar year.  
 6 = hatched before last calendar year; exact year unknown.  
 (a number in brackets beside the age code indicates the size of the brood).
- Sex : M = male.  
 F = female.

Manner of recovery : v = caught or trapped, and released with ring.  
 + = shot or killed by man.  
 x = found dead or dying.  
 () = caught or trapped alive and not released, or released but with ring removed.  
 /?/ = manner of recovery unknown.

Date of recovery : where this is unknown the date of the reporting letter is given instead and is shown in brackets. An 00 in the date indicates that the exact day or month are unknown.

Cory's Shearwater *Calonectris diomedea*

FV05.274 4 18.06.77 Filfla : 35.47 N, 14.25 E.  
 + 27.03.79 nr. Syracuse : 37.04 N, 15.18 E, Sicily, ITALY.  
 FV05.003 4 07.06.75 Filfla.  
 x 28.02.80 (off Sta. Lucia)  
 (found shot - with several others floating in the sea)  
 FV05.289 4 10.06.78 Filfla  
 v 20.03.80 nr. Ta' Cenc, N. Comino Channel (28 km SW).  
 FV05.286\* 4 10.06.78 Filfla.  
 /?/ 07.03.81 nr. Monastir : 35.21 N, 10.10 E, TUNISIA.

Storm Petrel *Hydrobates pelagicus*

220.6646 4 01.07.78 Filfla.  
 + 07.04.79 nr. Syracuse : 37.04 N, 15.18 E, Sicily, ITALY.

Snipe *Gallinago gallinago*

CC81.618\* 3 26.09.81 Ghadira : 35.58 N, 14.21 E.  
 + 30.09.81 River Aniene, nr. Tivoli : 41.58 N, 12.48 E, (Rome), ITALY.

Herring Gull *Larus argentatus*

GP27.665 1 26.05.79 Filfla.  
 x (07.01.80) Gudja (12 km NE).

Kingfisher *Alcedo atthis*

SE28.442 3F 29.09.77 Mellieha : 35.58 N, 14.22 E.  
 + (01.07.78) Mosta (7 km NNE).

Sand Martin *Riparia riparia*

KH83.361\* 4 21.04.77 Lunzjata Valley : 36.03 N, 14.14 E. (Gozo).  
 v 03.06.79 Mehelnic, nr. Sumperek : 49.47 N, 16.55 E, (Olomouc)  
 (re-ringed Praha T149.760) CZECHOSLOVAKIA.  
 A033.070 4 29.04.78 Lunzjata.  
 v(colony) 08.07.79 Hordaland : 60.12 N, 05.27 E, NORWAY.  
 A033.316\* 4 29.04.78 Lunzjata Valley.  
 x 25.07.80 nr. Loyev, Gomel : 51.53 N, 30.39 E, U.S.S.R.  
 17.027\* 4 01.05.81 Lunzjata Valley.  
 + 06.05.81 Ghajn Rihana (17 km SE).

Swallow *Hirundo rustica*

KH84.238 4M 10.05.77 Lunzjata Valley.  
 v 17.06.77 nr. Balakleya, Kharkov : 49.32 N, 36.51 E, U.S.S.R.  
 Mdina 4 02.05.78 Lunzjata Valley.  
 B9.533 x(cat) 29.05.78 Dabel, Kr. Sternberg : 53.40 N, 11.54 E, Bez Schuearin,  
 E. GERMANY.  
 Mdina 4F 29.04.78 Lunzjata Valley.  
 B9.097 v 21.07.78 Prosečné : 50.34 N, 15.41 E (Trutnov), CZECHOSLOVAKIA.

KC28.359	4M	16.03.79	Lunzjata Valley.
	+	23.03.79	Ja' Gali (22 km SE).
A036.364	4F	28.04.79	Lunzjata Valley.
	/?/	09.05.79	Tarriak : 43.28 N, 24.03 E, Knezha (Vratsa), BULGARIA.
Mdina	4M	09.04.78	Salina : 35.55 N, 14.25 E.
B7.903	x	09.06.79	Höllviksnäs : 55.25 N, 12.56 E, (Skåne), SWEDEN.
A036.673	4F	08.05.79	Lunzjata Valley.
	v(breeding)	21.06.79	Komea : 61.23 N, 26.13 E, Heinola, Mikkelä, FINLAND.
KP65.272*	4M	08.04.78	Lunzjata Valley.
	x (cat)	20.08.79	Pordenone : 45.47 N, 12.39 E, (Gorizia & Udine), ITALY.
KP66.325	4F	16.04.78	Lunzjata Valley.
	x	(07.01.80)	Gudja (34 km SE).
A036.952	3	07.10.79	Lunzjata Valley.
	x (car)	(05.06.80)	Kleinwaltersdorf : 50.55 N, 13.18 E, (Karl-Marx-Stadt) E. GERMANY.
Mdina	4	29.04.78	Lunzjata Valley.
B9.081	x	28.06.80	St. Michaelisdonn : 53.59 N, 09.07 E, (Schleswig-Holstein) W. GERMANY.
18.106*	4M	15.05.81	Lunzjata Valley.
	x	08.11.81	Istres : 43.31 N, 04.59 E, Bouches-du-Rhone, FRANCE.
House Martin <i>Delichon urbica</i>			
KH84.409*	4	11.05.77	Lunzjata Valley.
	x	16.05.80	Zhuvintas Reserve : 54.28 N, 23.38 E, (Alytus), LITHUANIAN S.S.R.
Robin <i>Erithacus rubecula</i>			
00.284*	2	04.12.76	Marsa : 35.53 N, 14.30 E.
	x	(05.04.78)	Dogna : 46.27 N, 13.19 E, (Udine), ITALY.
A036.001*	4	07.04.79	Ghajn Rihana : 35.54 N, 14.25 E.
	x	28.02.80	Bou Fichta : 36.18 N, 10.28 E, TUNISIA.
Mdina	6	28.01.78	Has-Saptan : 35.50 N, 14.31 E.
B6.811	v	20.04.81	Offenby : 56.12 N, 16.24 E (Öland), SWEDEN.
A034.605*	3	09.12.78	Buskett : 35.51 N, 14.25 E.
	x (car)	09.06.81	Ala-Vuokki : 64.43 N, 29.30 E, (Oulu), FINLAND.
18.248	3	09.10.81	Lunzjata Valley.
	v	22.10.81	Buskett (26 km SE).
18.936*	3	31.10.81	Ghadira.
	+	22.11.81	Bou Thadi, TUNISIA.
Nightingale <i>Luscinia megarhynchos</i>			
03.261	4	31.03.79	Salina.
	x	05.05.79	Cheb : 50.06 N, 12.22 E, (Eger), CZECHOSLOVAKIA.
Song Thrush <i>Turdus philomelos</i>			
XA99.238	6	13.03.77	Buskett.
	()	(02.03.79)	Palmi : 38.21 N, 15.51 E, (Reggio Calabria), ITALY.
Cetti's Warbler <i>Cettia cetti</i>			
07.384	3M	27.07.79	Wied il-Luq (Buskett).
	v	12.09.79	loco.
	v	02.11.79	Bahar ic-Caqhaq (10 km NE).
KP64.867	1(4/4)	22.04.79	Wied il-Luq (Buskett).
	v=F	27.01.80	Ghajn Zejtuna (Mellieha) (12 km NNW).

05.382	2F	16.11.80	Xemxija : 35.57 N, 14.23 E.
	v	11.03.81	Rabat (7 km SSE).
	v	20.09.81	Xemxija.
17.715	2F	11.06.81	Ghadira.
	v	09.08.81	Wied il-Luq (Buskett) (13 km SE).
15.135	1(4/4)	06.05.81	Xemxija.
	v	20.09.81	Wied il-Luq (Buskett) (9 km SSE).
14.082	3F	23.08.81	Wied il-Luq (Buskett).
	v	11.11.81	Lunzjata Valley (26 km NW).

Fan-tailed Warbler *Cisticola juncidis*

952.121	2	04.08.76	Ghajj Rihana.
	v	21.08.78	Ghadira (8 km NW).
	v(breeding)F	15.07.79	Ghajj Rihana.
	v	31.07.79	Ghadira.
A3.057	4F	08.07.79	Wied il-Luq (Buskett).
	v	31.07.79	Ghadira (13 km NW).
1A8.164	1(6/6)	17.06.77	Ghajj Rihana.
	v	25.08.77	Marsa (9 km ESE)
	v	10.09.77	Marsa.
	x	15.09.79	Marsa.
962.494	4F	02.07.79	Chadwick Lakes : 35.54 N, 14.23 E.
	v	12.09.79	Lunzjata Valley (21 km NW).
1A8.786	3	30.09.78	Girgenti Valley : 35.51 N, 14.26 E.
	v=F	25.06.80	Ghadira (14 km NW).
A1.878	3	27.07.78	Chadwick Lakes.
	v	24.09.80	Marsa (10 km ESE).
A4.906	1(5/5)	25.06.80	Ghadira.
	v	30.09.80	Birzebbuga (21 km SE).
A5.392	1(6/6)	05.06.81	Ghajj Rihana.
	v=F	02.11.81	Ghadira (8 km NW).

Sardinian Warbler *Sylvia melanocephala*

A035.870	1(4/4)	31.05.79	Ta' Gali : 35.53 N, 14.26 E.
	v	19.01.80	Ghadira (11 km NW).
06.700	3J	04.07.79	Ta' Gali.
	v=4F	05.07.81	Wied il-Luq (Buskett) (5 km SW).
14.051	3J M	19.08.81	Wied il-Luq (Buskett).
	v	03.11.81	Ghadira (13 km NW).

Whitethroat *Sylvia communis*

16.823	4	01.05.81	Lunzjata Valley.
	/?/	10.09.81	Marsa Matruh : 31.19 N, 27.15 E, EGYPT.

Garden Warbler *Sylvia borin*

KC27.491	4	10.04.76	Wied Znuber : 35.49 N, 14.31 E.
	v	28.07.79	Diosjeno : 47.55 N, 19.02 E, (Nograd), HUNGARY.
06.639*	4	20.05.79	Ghadira.
	+	20.08.79	Monzanbano : 45.09 N, 10.51 E, (Mantova), ITALY.
07.799*	3	13.09.79	Wied il-Luq (Buskett).
	+	(01.09.80)	Supersano : 40.21 N, 18.10 E, (Lecce), ITALY.

Blackcap *Sylvia atricapilla*

09.237*	4M	22.03.80	Buskett.
	x	04.05.80	Lidangen, Almnas, 6 km S.Hjo : 58.15 N, 14.16 E (Vastergotland), SWEDEN.
KH82.144*	4M	26.03.77	Luca : 35.52 N, 14.29 E.
	+	(30.09.80)	Genoni, Nuoro : 39.42 N, 09.06 E, (Sardinia), ITALY.

Chiffchaff *Phylloscopus collybita*

A2.236	4	28.01.79	Salina.
	v	12.12.80	Sirte : 31.10 N, 16.30 E, (Tripoli), LIBYA.

Spanish Sparrow *Passer hispaniolensis*

BR80.387	3J	08.06.75	Rabat : 35.53 N, 14.24 E.
	v=4M	21.10.79	Ghadira (10 km NW).
NC47.471*	2M	14.10.78	Xemxija.
	x(cat)	24.01.80	San Gwann (10 km ESE).
NA49.532	2M	28.12.79	Mtarfa : 35.53 N, 14.24 E.
	v	03.04.80	Ghadira (10 km NW).

Corn Bunting *Miliaria calandra*

NC47.586	3	15.07.78	Wied il-Luq (Buskett).
	v	17.03.79	Kirkop (7 km E).
BV52.155	1J	07.04.79	Ta' Qali.
	v	11.08.79	Wied il-Luq (5 km SW).

FOREIGN RINGED BIRDS RECOVERED IN MALTA

This section deals with 52 foreign ringed birds of 26 species recovered in Malta. Some of these were recovered previous to the three-year period (1979-81) covered by this report but they only came to our notice lately. The symbols and terms used are the same as those which appeared in the Ringing Recoveries.

Gannet *Sula bassana*

London	1	01.07.80	Great Saltee : 52.07 N, 06.38 W, (Wexford), EIRE.
1.151.068	+	10.12.81	off south coast : ca. 35.47 N, 14.30 E.

Cormorant *Phalacrocorax carbo*

Copenhagen	1	06.06.81	Braendegårds Sø, Fyn : 55.08 N, 10.24 E, DENMARK.
5.607	+	18.10.81	Marsaxlokk : 35.49 N, 14.33 E.

Purple Heron *Ardea purpurea*

Moskwa	1	13.06.73	Krasnodar Region : 40.03 N, 38.09 E, nr. Primorsko-
B-102.774			Akhtarsk, U.S.S.R.
	+	27.03.79	Ta' Qali : 35.54 N, 14.26 E.
Budapest	1	29.05.79	Pálmonostora : 46.37 N, 19.26 E, HUNGARY.
501.444	+	08.10.79	Gozo : ca. 36.02 N, 14.16 E.

Honey Buzzard *Fernis apivorus*

Budapest	1	18.07.81	Bélmegyer : 46.53 N, 21.13 E, HUNGARY.
504.879	+	18.09.81	Gudja : 35.51 N, 14.30 E.
			(reported as trapped and released !).

Marsh Harrier *Circus aeruginosus*

Praha	1(2/2)	19.06.77	Sezemice : 50.04 N, 15.52 E, (Pardubice), CZECHOSLOVAKIA.
D62.562	+	21.03.80	Gozo : ca. 36.01 N, 14.14 E.
Riga	2F	08.05.79	Engure Lake : 57.15 N, 23.07 E, Takums, (Latvia), U.S.S.R.
C12.531	+	08.10.81	Lunzjata Valley : 36.03 N, 14.14 E.

Osprey *Pandion haliaetus*

Helsinki	1	22.06.80	Porvoo, Uudenmaan, (Lääni), FINLAND.
M-13.899	+	21.09.80	Buskett : 35.51 N, 14.25 E.
Helsinki	1	10.08.81	Murmo, Vaasan, (Lääni), FINLAND.
D-85.226	+	15.10.81	Buskett : 35.51 N, 14.25 E.
Stockholm	1	08.08.81	Melsliden, Norsjö : 64.42 N, 20.00 E, (Västerbotten), SWEDEN.
9.204.928	+	(13.11.81)	Ghar Lepsi : 35.52 N, 14.30 E.

Kestrel *Falco tinnunculus*

Praha	1	18.06.74	Sázava nad Sázavou : 49.52 N, 14.54 E, (Kutná hora), CZECHOSLOVAKIA.
D56.343	+	11.10.76	Kercem : 36.02 N, 14.12 E (Gozo).
Paris	1(5/5)	27.06.76	Bassecourt : 47.20 N, 07.14 E, (Jura), FRANCE.
K20.902	+	00.03.78	Attard : 35.53 N, 14.27 E.

Avocet *Recurvirostra avosetta*

Moskwa	1	19.06.76	Nizovia, Tiligula : 46.40 N, 31.09 E, (Ukraine), U.S.S.R.
E-937.135	+	27.11.76	Marsaxlokk : 35.50 N, 14.33 E.

Little Stint *Calidris minuta*

London	4	12.09.78	Walcot, Wellington : 52.42 N, 02.35 W, (Saloo), ENGLAND.
BV69.310	()	(23.04.80)	nr. Ghaxaq : 35.51 N, 14.31 E.

Temminck's Stint *Calidris temminckii*

Stockholm	3	22.08.81	Ottenby : 56.12 N, 16.24 E, (Öland), SWEDEN.
2.835.012	v	06.09.81	Ghadira : 35.58 N, 14.21 E.

Wood Sandpiper *Tringa glareola*

Praha	4	16.07.75	Křenovice : 48.59 N, 14.21 E, "Yyšatov" pond, (České Budějovice), CZECHOSLOVAKIA.
K298.255	+	19.04.77	Xewkija : 36.02 N, 14.15 E (Gozo).

Turnstone *Arenaria interpres*

Pretoria	2	22.09.77	Walvis Bay : 22.52 S, 14.31 E, S.W. AFRICA.
450.441	+	09.05.82	Marsaxlokk : 35.50 N, 14.32 E.

Great Skua *Stercorarius skua*

London	1	15.07.78	Foula : 60.08 N, 02.05 W, (Shetland), Scotland.
HW76.875*	x	(04.04.79)	Marsalforn Bay : 36.04 N, 14.16 E, (Gozo).

Mediterranean Gull *Larus melanocephalus*

Moskwa	1	19.06.80	Smalenyi Isl. : 46.15 N, 32.00 E, (Kherson Region), (Ukraine), U.S.S.R.
M-514.430	+	17.11.80	10 km off Marsalforn : 36.05 N, 14.19 E, (Gozo).

Black-headed Gull *Larus ridibundus*

Moskwa M-110.518	1 +	19.05.76 00.12.76	Ryazan Region : 54.33 N, 40.44 E, (nr. Izhevskoe), U.S.S.R. Marsa : 35.53 N, 14.30 E.
Gdansk FB33.520	1 +	26.05.79 00.11.80	"Kaczy staw", Kokotec : 50.36 N, 18.42 E, (Czestochowa), POLAND. Luqa : 35.52 N, 14.30 E.
Helgoland 5.229.369	3 +	20.09.80 15.12.80	Kiel : 54.20 N, 10.08 E (Schleswig Holstein), W. GERMANY. Malta : 35.53 N, 14.30 E.

Slender-billed Gull *Larus genei*

Moskwa M513.637	1 +	10.06.80 09.10.81	Orlov Isles : 46.17 N, 31.45 E, (Ukraine), U.S.S.R. Marsaxlokk : 35.50 N, 14.33 E.
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Turtle Dove *Streptopelia turtur*

Radolfzell ET3.501	4 +	21.04.79 09.04.80	Inzing : 47.16 N, 11.12 E, Bez. Innsbruck (Tirol), AUSTRIA. Birzebbuga : 35.50 N, 14.32 E.
Bologna T3.839	4 +	01.05.77 25.04.81	Valle Branega, Pra' : 44.26 N, 08.47 E, (Genoa), ITALY. Bidnija : 35.55 N, 14.24 E.

Cuckoo *Cuculus canorus*

Moskwa P381.780	4 +	07.05.75 21.04.79	nr. Rybachiý : 55.11 N, 20.49 E, (Kaliningrad), U.S.S.R. St. Andrew's : 35.55 N, 14.27 E.
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Nightjar *Caprimulgus europaeus*

Stockholm 4.133.416	4F +	21.05.76 02.05.79	Ottenby : 56.12, 16.24 E, (Öland), SWEDEN. Bingemma : 35.55 N, 14.22 E.
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Swift *Apus apus*

Helsinki A-297.283	4M +	28.07.76 15.09.76	Lammi : 61.12 N, 25.07 E, Hämeen, (Lääni), FINLAND. Tal-Handaq : 35.52 N, 14.28 E.
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Sand Martin *Riparia riparia*

Hiddensee 90.860.584*	4F v	11.07.78 28.04.79	Brettin : 52.25 N, 12.10 E, (Genthin), E. GERMANY. Ghajn Rihana : 35.54 N, 14.24 E.
London KE49.975*	3 +	30.08.75 29.04.79	Lake Koronia : 40.40 N, 23.13 E, (Makedonia), GREECE. Luqa : 35.52 N, 14.29 E.
Gdansk KA75.219	4F v	28.05.78 05.04.80	Pruszcz Gdański : 54.16 N, 18.38 E. (Gdańsk), POLAND. Marsalforn : 36.02 N, 14.16 E, (Gozo).
Bruxelles 702.885	4 ( )	21.07.78 25.04.80	Comblain : 50.28 N, 05.35 E, (Liège), BELGIUM. Santa Lucia : 35.52 N, 14.31 E.
Praha T163.982	3 ( )	27.07.79 27.04.80	Sedlec, Nesytl pond : 48.47 N, 16.42 E, (Břeclav), CZECHOSLOVAKIA Santa Lucia : 35.52 N, 14.31 E.
Helsinki J-745.101	4M v	28.06.80 22.04.81	Hattula : 61.03 N, 24.15 E, Hämeen (Lääni), FINLAND. Lunzjata Valley : 36.04 N, 14.14 E.
London A781.749	3J v	02.07.80 22.04.81	Hurst Green, Whalley : 50.50 N, 02.28 W, (Lancashire), ENGLAND. Lunzjata Valley : 36.04 N, 14.14 E.

Swallow *Hirundo rustica*

Arnhem	3	02.08.77	Elburg : 52.27 N, 05.50 E, (Gelderland), HOLLAND.
A139.665	+	00.04.79	Mriehe! : 35.53 N, 14.28 E.
Paris	3	31.08.76	Nothern : 48.56 N, 08.09 E, (Bas-Rhin), FRANCE.
2.455.479	+	00.04.79	Siggiewi : 35.51 N, 14.26 E.
Paris	3	25.09.78	Étang la Cotille : 45.39 N, 04.07 E, (Loire)
2.398.541			rel. St. Etienne : 45.26 N, 04.24 E, (Loire), FRANCE.
	v	12.05.79	Ghadira : 35.58 N, 14.21 E.
Stockholm	3	08.08.78	Falsterbo : 55.23 N, 12.50 E, (Skane), SWEDEN
AA61.090	v	14.05.79	Lunzjata Valley : 36.03 N, 14.14 E.

Robin *Erithacus rubecula*

Moskwa	2	14.10.78	Zmeinyi Isl. : 45.11 N, 30.14 E, Black Sea, (Ukraine), U.S.S.R.
XA548.215			Hal Far : 35.49 N, 14.31 E.
	v	12.03.80	
Stockholm	2	03.09.81	Reningsverket : 58.45 N, 17.05 E, Nyköping, (Södermanland) SWEDEN.
AC68.907			Rabat : 35.53 N, 14.24 E.
	()	31.10.81	

Sedge Warbler *Acrocephalus schoenobaenus*

Arnhem	4	18.06.78	Rohel : 52.55 N, 05.50 E, (Haskerland), HOLLAND.
A174.212	v	07.04.79	Lunzjata Valley : 36.03 N, 14.14 E.

Garden Warbler *Sylvia borin*

Bologna	2	03.11.77	Montecristo, Portoferraio (Livorno), ITALY.
L873.336	v	30.04.78	Salina : 35.55 N, 14.25 E.
Radolfzell	3	26.08.77	Molzbichl : 46.46 N, 13.34 E, Bez. Spittal/Drau, (Käffnten), AUSTRIA.
CC75.256			Ghadira : 35.58 N, 14.21 E.
	v	03.05.79	

Blackcap *Sylvia atricapilla*

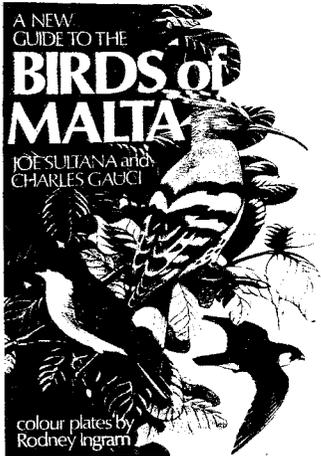
Praha	3	05.08.77	Sedlec : 48.47 N, 16.42 E, (Breclav), CZECHOSLOVAKIA.
M764.536	v=4M	18.03.79	Rabat : 35.53 N, 14.24 E.

Chaffinch *Fringilla coelebs*

Moskwa	4F	01.10.80	Lebedivka : 50.40 N, 30.30 E, (Kiev), U.S.S.R.
XA-478.579	()	13.03.81	Gharb : 36.00 N, 14.14 E, (Gozo).

Linnet *Carduelis cannabina*

Praha	1	13.05.74	Piešťany : 48.36 N, 17.49 E (Trnava), CZECHOSLOVAKIA.
Z500.291	()	04.01.77	Kercem : 36.02 N, 14.12 E, (Gozo).
Praha	3	24.09.77	ibidem.
580.825	()	11.11.78	Zurrieq : 35.50 N, 14.29 E.
Praha	1	26.05.78	Horná Streda : 48.39 N, 17.51 E, (Trenčín), CZECHOSLOVAKIA.
M744.526			Hal Far : 35.49 N, 14.31 E.
	()=M	11.03.79	
Praha	3F	26.09.79	Štúrovo : 47.48 N, 18.43 E (Nové Zámky), CZECHOSLOVAKIA.
T123.300	()	00.12.79	Hal Far : 35.49 N, 14.31 E.
Praha	3M	05.09.79	Sedlec : 48.47 N, 16.42 E, (Břec!av), CZECHOSLOVAKIA.
T143.403	()	17.01.80	Gudja : 35.51 N, 14.31 E.
Praha	3	01.09.79	ibidem.
M837.940	()	00.01.80	Bidnija 35.54 N, 14.23 E.



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