

RINGING REPORT FOR 1990-93

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This report covers the ringing activities of the Valletta Bird Ringing Scheme, run by the Malta Ornithological Society, for the years 1990-93.

**Table 1
Ringing totals for years 1990-1993**

Year	No. of birds	No. of species
1990*	17,321	114
1991	16,281	106
1992	14,671	97
1993	16,966	102
Grand Total 1965-93	267,263	172(+2 hybrids)

*Record year for the largest number of birds ringed since the first year of ringing in 1965

Nine new species, namely **Garganey** *Anas querquedula*, **Honey Buzzard** *Pernis apivorus*, **Merlin** *Falco columbarius*, **Corncrake** *Crex crex*, **Grey Plover** *Pluvialis squatarola*, **Blyth's Reed Warbler** *Acrocephalus dumetorum* (2 birds), **Radde's Warbler** *Phylloscopus schwarzi*, **Crossbill** *Loxia curvirostra* (25 birds, all in 1990 during an irruption in June and July) and **Cirl Bunting** *Emberiza cirlus*, were added to the ringing list. During the period under review a number of very scarce migrants or vagrants was also ringed. These included the 2nd **Rock Pipit** *Anthus petrosus*, the 8th **Rufous Bush Chat** *Cercotrichas galactotes*, the 6th **Grasshopper Warbler** *Locustella naevia* and the 3rd **Melodious Warbler** *Hippolais polyglotta*. 3 **Semi-collared Flycatchers** *Ficedula semitorquata*, 2 **Scarlet Rosefinches** *Carpodacus erythrinus* and 3 **Little Buntings** *Emberiza pusilla* brought their totals to 10, 6 and 7 respectively.

Constant effort ringing at the Ghadira Nature Reserve was continued during these four years, with good results being reflected in the number of birds ringed and retrapped. Most of the waders figuring in the list have been ringed there. In 1990 the Scheme started taking part in the Italian project "Piccole Isole". This project is aimed at monitoring the important role of small islands in the Central Mediterranean during spring migration. Ghadira was used in the first year, but subsequently enough ringers were found to man Comino, where for a whole month (16 April - 15 May) the ringing site is manned daily from dawn to dusk. From 1991 to 1993 the ringing totals resulting from this project were of 1441, 1717 and 2119 respectively. Annual visits to Filfla continued also to be organised to monitor the populations of the **Storm Petrel** *Hydrobates pelagicus* and the **Yellow-legged Gull** *Larus cachinnans*. In 1990 one of the retrapped Storm Petrels had been ringed as an adult in 1969. The 237 Yellow-legged Gull chicks were ringed on the islet during the four years, yielding a recovery in Sicily a few days after fledging.

**Table 2
The top ten species ringed for the years 1990-1993**

1990		1991		1992		1993	
Robin	4718	Robin	2195	Robin	2826	Swallow	1952
Chiffchaff	1603	Spanish Sparrow	1714	Spanish Sparrow	1405	Robin	1903
Blackcap	1173	Blackcap	1196	Garden Warbler	1071	Spanish Sparrow	1552
Spanish Sparrow	1163	Chiffchaff	1096	Chiffchaff	1041	Garden Warbler	1533
Swallow	1062	Swallow	995	Sardinian Warbler	785	Chiffchaff	1037
Sardinian Warbler	892	Garden Warbler	913	Blackcap	504	House Martin	860
Storm Petrel	574	Sand Martin	884	Swallow	503	Blackcap	611
Fan-tailed Warbler	557	House Martin	875	Willow Warbler	490	Wood Warbler	604
Garden Warbler	513	Sardinian Warbler	873	White Wagtail	407	Sardinian Warbler	579
Wood Warbler	484	Willow Warbler	533	Fan-tailed Warbler	370	Yellow Wagtail	552

Table 3
The top fifteen species ringed for the years 1965-1993

Robin	42,838
Chiffchaff	27,721
Swallow	23,086
Spanish Sparrow	19,681
Storm Petrel	16,790
Sardinian Warbler	14,875
Blackcap	12,172
Garden Warbler	11,607
Sand Martin	10,180
House Martin	8212
Subalpine Warbler	6693
Wood Warbler	6336
Fan-tailed Warbler	6251
Willow Warbler	6041
Yellow Wagtail	3811

Valletta-ringed birds recovered abroad 1990-1993

75 recoveries of 25 species ringed in Malta were reported during the four-year period 1990-93. 23 (of 19 species) of these were reported from abroad. Most interesting are a **Black-necked Grebe** *Podiceps nigricollis* ringed at Ghadira and found dead at Karobelnoye Lake in former USSR and a **Little Stint** *Calidris minuta*, also from Ghadira, controlled in Senegal. Two **Sand Martins** *Riparia riparia* brought the number of foreign recoveries of this species to 19; the one in Scotland is our 3rd in the United Kingdom and the other in Hungary is also our 3rd from that country. Two **Swallows** *Hirundo rustica*, one each in Hungary and France, brought the total recoveries of this species abroad to 41. The **Robin** *Erithacus rubecula* always figures in the foreign recoveries; the one recovered in Poland is our 1st in that country and our 28th recovery abroad. The Scheme's first foreign recovery of a **Bluethroat** *Luscinia svecica* turned up in the Czech Republic. Two **Blackcaps** *Sylvia atricapilla* our 2nd in England and our 2nd in Hungary respectively, also figure in the list. The **Chiffchaff** *Phylloscopus collybita* recovered in Denmark is our 1st for that country and our most northern recovery for this species.

Foreign-ringed birds recovered in Malta 1990-1993

41 foreign-ringed birds of 27 species have been recovered in Malta during the four years under review. A **Greylag Goose** *Anser anser* from Poland, a **Red Kite** *Milvus milvus* from Germany, a **Peregrine** *Falco peregrinus* from Finland and a **Penduline Tit** *Remiz pendulinus* from Germany are all firsts, no birds of these species having been previously recorded in Malta. Amongst the regular ones one finds the 7th **Cormorant** *Phalacrocorax carbo* from Denmark, the 6th **Honey Buzzard** *Pernis apivorus* from Finland, the 4th **Marsh Harrier** *Circus aeruginosus* from Finland, the 14th and 15th **Osprey** *Pandion haliaetus* from Sweden, the 8th **Great Skua** *Stercorarius skua* from Scotland, the 3rd **Slender-billed Gull** *Larus genei* from Ukraine, and the 12th **Linnet** *Carduelis cannabina* from Hungary. First-timers from countries include a **Ringed Plover** *Charadrius hiaticula* from Nigeria, two **Willow Warblers** *Phylloscopus trochilus* from Sweden and two **Greenfinches** *Carduelis chloris* from Hungary. The 2 recoveries of **Turtle Dove** *Streptopelia turtur* and the 4 of **Sand Martin** *Riparia riparia* have pushed up the number of recoveries of these species to 27 and 34 respectively. Other interesting recoveries include our 2nd **Little Ringed Plover** *Charadrius dubius* from Germany, our 2nd **Lesser Black-backed Gull** *Larus fuscus* from Denmark and our 2nd and 3rd **Sedge Warblers** *Acrocephalus schoenobaenus* from Finland.

During the 1990-1993 period the members who held a ringing licence were John Attard Montalto, John Borg, Denis Cachia, Richard Cachia -Zammit, Victor Cilia, Charles Coleiro, Raymond Galea, Charles Gauci, Mark Gauci, Mario V. Gauci, Brian K. German, John Grech, Manwel Mallia, Joseph M. Mangion and Joe Sultana. John Middleton, a BTO ringer, also helped in ringing during his regular bi-annual visits to Malta. C. Gauci - the Ringing Secretary - assisted by M. Gauci, has been responsible for the compilation of the ringing data and for the bi-monthly ringing newsletter.

BIRDS RINGED IN 1990-93

Euring Code No.	Species	Ringed 1990	Ringed 1991	Ringed 1992	Ringed 1993	Total ringed 1965-1993
00070	Little Grebe <i>Tachybaptus ruficollis</i>	0	0	0	0	1
00120	Black-necked Grebe <i>Podiceps nigricollis</i>	1	1	0	0	13
00360	Cory's Shearwater <i>Calonectris diomedea</i>	84	51	102	43	2201
00460	Mediterranean Shearwater <i>Puffinus yelkouan</i>	7	14	16	12	570
00520	Storm Petrel <i>Hydrobates pelagicus</i>	574	420	340	53	16,790
00980	Little Bittern <i>Ixobrychus minutus</i>	5	6	3	1	65
01040	Night Heron <i>Nycticorax nycticorax</i>	1	1	1	0	13
01080	Squacco Heron <i>Ardeola ralloides</i>	0	0	0	0	2
01190	Little Egret <i>Egretta garzetta</i>	0	0	0	0	1
01840	Mallard <i>Anas platyrhynchos</i>	0	0	0	1	2
01910	Garganey <i>Anas querquedula</i>	0	1	0	0	1
02310	Honey Buzzard <i>Pernis apivorus</i>	0	0	0	1	1
03040	Kestrel <i>Falco tinnunculus</i>	1	2	0	1	13
03090	Merlin <i>Falco columbarius</i>	1	0	0	0	1
03100	Hobby <i>Falco subbuteo</i>	0	0	0	0	1
03700	Quail <i>Coturnix coturnix</i>	2	2	2	2	18
04070	Water Rail <i>Rallus aquaticus</i>	5	6	7	9	100
04080	Spotted Crake <i>Porzana porzana</i>	4	1	1	2	25
04100	Little Crake <i>Porzana parva</i>	1	2	1	0	12
04110	Baillon's Crake <i>Porzana pusilla</i>	0	0	1	0	2
04210	Corncrake <i>Crex crex</i>	0	1	0	0	1
04240	Moorhen <i>Gallinula chloropus</i>	49	27	9	12	243
04290	Coot <i>Fulica atra</i>	1	4	1	0	12
04590	Stone Curlew <i>Burhinus oedicanus</i>	0	0	0	0	1
04690	Little Ringed Plover <i>Charadrius dubius</i>	24	21	16	12	150
04700	Ringed Plover <i>Charadrius hiaticula</i>	5	9	6	4	35
04770	Kentish Plover <i>Charadrius alexandrinus</i>	0	0	0	0	3
04860	Grey Plover <i>Pluvialis squatarola</i>	1	0	0	0	1
04930	Lapwing <i>Vanellus vanellus</i>	0	0	0	0	1
05010	Little Stint <i>Calidris minuta</i>	149	210	213	170	1491
05020	Temminck's Stint <i>Calidris temminckii</i>	4	0	2	0	47
05090	Curlew Sandpiper <i>Calidris ferruginea</i>	5	23	3	8	92
05120	Dunlin <i>Calidris alpina</i>	17	22	26	21	172
05170	Ruff <i>Philomachus pugnax</i>	8	4	2	1	60
05180	Jack Snipe <i>Lymnocyptes minimus</i>	1	2	0	0	21
05190	Snipe <i>Gallinago gallinago</i>	14	5	10	1	98
05200	Great Snipe <i>Gallinago media</i>	2	0	0	0	10
05290	Woodcock <i>Scolopax rusticola</i>	3	0	1	0	5
05380	Whimbrel <i>Numenius phaeopus</i>	0	0	0	0	1
05450	Spotted Redshank <i>Tringa erythropus</i>	0	0	0	0	2
05460	Redshank <i>Tringa totanus</i>	7	1	4	1	26
05470	Marsh Sandpiper <i>Tringa stagnatilis</i>	0	0	0	0	1
05480	Greenshank <i>Tringa nebularia</i>	0	0	0	0	3
05530	Green Sandpiper <i>Tringa ochropus</i>	2	2	2	2	31
05540	Wood Sandpiper <i>Tringa glareola</i>	11	5	7	8	168
05560	Common Sandpiper <i>Actitis hypoleucos</i>	66	30	48	51	481
05610	Turnstone <i>Arenaria interpres</i>	1	0	0	2	6
05750	Mediterranean Gull <i>Larus melanocephalus</i>	1	0	0	0	3
05820	Black-headed Gull <i>Larus ridibundus</i>	0	0	0	0	1

05850	Slender-billed Gull <i>Larus genei</i>	0	0	0	0	1
05926	Yellow-legged Gull <i>Larus cachinnans</i>	59	63	46	71	597
06110	Sandwich Tern <i>Sterna sandvicensis</i>	0	0	0	0	1
06280	White-winged Black Tern <i>Chlidonias leucopterus</i>	0	0	0	0	1
06870	Turtle Dove <i>Streptopelia turtur</i>	3	2	6	12	70
07240	Cuckoo <i>Cuculus canorus</i>	0	1	3	5	34
07350	Barn Owl <i>Tyto alba</i>	0	0	0	0	1
07390	Scops Owl <i>Otus scops</i>	10	7	9	5	146
07680	Short-eared Owl <i>Asio flammeus</i>	0	0	0	1	3
07780	Nightjar <i>Caprimulgus europaeus</i>	3	4	7	5	33
07950	Swift <i>Apus apus</i>	1	0	3	5	28
08310	Kingfisher <i>Alcedo atthis</i>	26	22	20	19	228
08460	Hoopoe <i>Upupa epops</i>	1	5	0	8	33
08480	Wryneck <i>Jynx torquilla</i>	29	40	21	39	551
09680	Short-toed Lark <i>Calandrella brachydactyla</i>	8	87	17	1	266
09740	Wood Lark <i>Lullula arborea</i>	0	0	0	0	2
09760	Skylark <i>Alauda arvensis</i>	0	3	0	0	31
09810	Sand Martin <i>Riparia riparia</i>	347	884	208	550	3811
09920	Swallow <i>Hirundo rustica</i>	1026	995	503	1952	23086
09950	Red-rumped Swallow <i>Hirundo daurica</i>	132	5	7	3	85
10010	House Martin <i>Delichon urbica</i>	451	875	311	860	8212
10020	Richard's Pipit <i>Anthus novaeseelandiae</i>	0	0	0	0	1
10050	Tawny Pipit <i>Anthus campestris</i>	0	0	0	1	11
10080	Olive-backed Pipit <i>Anthus hodgsoni</i>	0	0	0	0	3
10090	Tree Pipit <i>Anthus trivialis</i>	65	83	37	78	1472
10110	Meadow Pipit <i>Anthus pratensis</i>	77	84	329	388	1948
10120	Red-throated Pipit <i>Anthus cervinus</i>	0	4	0	2	71
10140	Water Pipit <i>Anthus spinoletta</i>	0	0	0	0	14
10142	Rock Pipit <i>Anthus petrosus</i>	1	0	0	0	2
10170	Yellow Wagtail <i>Motacilla flava</i>	64	157	208	554	3811
10190	Grey Wagtail <i>Motacilla cinerea</i>	12	9	23	11	663
10200	White Wagtail <i>Motacilla alba</i>	25	27	407	27	1202
10660	Wren <i>Troglodytes troglodytes</i>	2	0	2	1	24
10840	Dunnock <i>Prunella modularis</i>	292	121	65	89	2336
10950	Rufous Bush Chat <i>Cercotrichas galactotes</i>	0	1	0	0	8
10990	Robin <i>Erithacus rubecula</i>	4718	2195	2826	1903	42,838
11030	Thrush Nightingale <i>Luscinia luscinia</i>	0	0	0	0	5
11040	Nightingale <i>Luscinia megarhynchos</i>	75	118	116	140	2048
11060	Bluethroat <i>Luscinia svecica</i>	13	10	10	8	131
11210	Black Redstart <i>Phoenicurus ochruros</i>	29	21	5	29	330
11220	Redstart <i>Phoenicurus phoenicurus</i>	145	164	178	111	2725
11370	Whinchat <i>Saxicola rubetra</i>	39	105	85	144	863
11390	Stonechat <i>Saxicola torquata</i>	175	138	139	146	2312
11440	Isabelline Wheatear <i>Oenanthe isabellina</i>	0	0	0	0	1
11460	Wheatear <i>Oenanthe oenanthe</i>	3	12	10	13	185
11480	Black-eared Wheatear <i>Oenanthe hispanica</i>	1	0	0	0	5
11620	Rock Thrush <i>Monticola saxatilis</i>	0	0	0	0	3
11660	Blue Rock Thrush <i>Monticola solitarius</i>	8	10	1	4	97
11860	Ring Ouzel <i>Turdus torquatus</i>	0	0	0	0	3
11870	Blackbird <i>Turdus merula</i>	12	5	6	3	228
11980	Fieldfare <i>Turdus pilaris</i>	0	0	0	0	3
12000	Song Thrush <i>Turdus philomelos</i>	106	89	50	94	1332
12010	Redwing <i>Turdus iliacus</i>	0	1	0	0	28
12200	Cetti's Warbler <i>Cettia cetti</i>	111	157	140	117	1620

12260	Fan-tailed Warbler <i>Cisticola juncidis</i> ..	557	528	370	318	6251
12360	Grasshopper Warbler <i>Locustella naevia</i> ..	1	0	0	0	6
12370	River Warbler <i>Locustella fluviatilis</i> ..	0	0	0	0	2
12380	Savi's Warbler <i>Locustella luscinioides</i> ..	3	3	6	4	54
12410	Moustached Warbler <i>Acrocephalus melanopogon</i> ..	1	0	2	4	109
12430	Sedge Warbler <i>Acrocephalus schoenobaenus</i> ..	185	81	145	227	2405
12470	Paddyfield Warbler <i>Acrocephalus agricola</i> ..	0	0	0	0	1
12480	Blyth's Reed warbler <i>Acrocephalus dumetorum</i> ..	1	0	1	0	2
12500	Marsh Warbler <i>Acrocephalus palustris</i> ..	10	5	3	0	40
12510	Reed Warbler <i>Acrocephalus scirpaceus</i> ..	90	179	97	107	1925
12530	Great Reed Warbler <i>Acrocephalus arundinaceus</i> ..	94	62	61	70	1283
12550	Olivaceous Warbler <i>Hippolais pallida</i> ..	0	0	0	0	3
12590	Icterine Warbler <i>Hippolais icterina</i> ..	66	127	183	228	1606
12600	Melodious Warbler <i>Hippolais polyglotta</i> ..	0	1	0	0	3
12620	Dartford Warbler <i>Sylvia undata</i> ..	0	0	0	0	38
12640	Spectacled Warbler <i>Sylvia conspicillata</i> ..	17	21	18	5	1320
12650	Subalpine Warbler <i>Sylvia cantillans</i> ..	339	449	306	538	6693
12670	Sardinian Warbler <i>Sylvia melanocephala</i> ..	892	873	785	679	14,875
12690	Rüppell's Warbler <i>Sylvia rueppelli</i> ..	0	0	0	0	2
12720	Orphean Warbler <i>Sylvia hortensis</i> ..	0	0	0	0	4
12730	Barred Warbler <i>Sylvia nisoria</i> ..	0	0	0	0	1
12740	Lesser Whitethroat <i>Sylvia curruca</i> ..	3	1	0	1	58
12750	Whitethroat <i>Sylvia communis</i> ..	69	157	243	426	2595
12760	Garden Warbler <i>Sylvia borin</i> ..	513	913	1071	1533	11,607
12770	Blackcap <i>Sylvia atricapilla</i> ..	1173	1196	504	611	12,172
12950	Arctic Warbler <i>Phylloscopus borealis</i> ..	0	0	0	0	3
12980	Pallas's Warbler <i>Phylloscopus proregulus</i> ..	0	0	0	0	1
13000	Yellow-browed Warbler <i>Phylloscopus inornatus</i> ..	3	1	2	0	21
13010	Radde's Warbler <i>Phylloscopus schwarzi</i> ..	1	0	0	0	1
13070	Bonelli's Warbler <i>Phylloscopus bonelli</i> ..	1	7	7	2	141
13080	Wood Warbler <i>Phylloscopus sibilatrix</i> ..	484	296	332	604	6336
13110	Chiffchaff <i>Phylloscopus collybita</i> ..	1603	1095	1041	1037	27,721
13120	Willow Warbler <i>Phylloscopus trochilus</i> ..	287	533	490	318	6041
13140	Goldcrest <i>Regulus regulus</i> ..	38	3	118	26	422
13150	Firecrest <i>Regulus ignicapillus</i> ..	12	8	32	7	403
13350	Spotted Flycatcher <i>Muscicapa striata</i> ..	162	106	191	257	1901
13430	Red-breasted Flycatcher <i>Ficedula parva</i> ..	5	7	4	1	82
13470	Semi-collared Flycatcher <i>Ficedula semitorquata</i> ..	0	0	2	1	10
13480	Collared Flycatcher <i>Ficedula albicollis</i> ..	45	13	45	10	415
13490	Pied Flycatcher <i>Ficedula hypoleuca</i> ..	157	201	238	319	2966
14900	Penduline Tit <i>Remiz pendulinus</i> ..	38	12	1	6	95
15080	Golden Oriole <i>Oriolus oriolus</i> ..	18	5	45	43	292
15150	Red-backed Shrike <i>Lanius collurio</i> ..	2	4	2	7	115
15230	Woodchat Shrike <i>Lanius senator</i> ..	11	47	49	60	333
15820	Starling <i>Sturnus vulgaris</i> ..	0	0	3	2	101
15920	Spanish Sparrow <i>Passer hispaniolensis</i> ..	1163	1714	1405	1552	19,681
15980	Tree Sparrow <i>Passer montanus</i> ..	79	126	141	129	912
16330	Red-eyed Vireo <i>Vireo olivaceus</i> ..	0	0	0	0	1
16360	Chaffinch <i>Fringilla coelebs</i> ..	96	62	52	40	917
16380	Brambling <i>Fringilla montifringilla</i> ..	1	1	0	2	8
16400	Serin <i>Serinus serinus</i> ..	5	11	0	3	309
16490	Greenfinch <i>Carduelis chloris</i> ..	27	21	35	13	381
16530	Goldfinch <i>Carduelis carduelis</i> ..	1	2	0	0	19
16540	Siskin <i>Carduelis spinus</i> ..	2	1	0	0	11

16600	Linnet <i>Carduelis cannabina</i>	7	2	0	1	922
16660	Crossbill <i>Loxia curvirostra</i>	25	0	0	0	25
16790	Scarlet Rosefinch <i>Carpodacus erythrinus</i>	0	1	0	1	6
17170	Hawfinch <i>Coccothraustes coccothraustes</i>	0	0	0	1	3
18470	Lapland Bunting <i>Calcarius lapponica</i>	0	0	0	0	1
18570	Yellowhammer <i>Emberiza citrinella</i>	0	0	0	0	1
18580	Cirl Bunting <i>Emberiza cirlus</i>	0	0	0	1	1
18660	Ortolan Bunting <i>Emberiza hortulana</i>	0	0	0	0	2
18680	Cretzschmar's Bunting <i>Emberiza caesia</i>	0	0	0	0	1
18730	Rustic Bunting <i>Emberiza rustica</i>	1	2	2	4	17
18740	Little Bunting <i>Emberiza pusilla</i>	1	1	1	0	7
18750	Chestnut Bunting <i>Emberiza rutila</i>	0	0	0	0	1
18760	Yellow-breasted Bunting <i>Emberiza aureola</i>	0	0	0	0	1
18770	Reed Bunting <i>Emberiza schoeniclus</i>	9	3	12	8	229
18820	Corn Bunting <i>Miliaria calandra</i>	14	21	8	5	428
	Swallow x House Martin <i>H. rustica</i> x <i>D. urbica</i>	0	1	0	0	2
	Tree Sparrow x Spanish Sparrow <i>P. montanus</i> x <i>P. hispaniolensis</i>	0	1	0	0	2

Totals	17,321	16,281	14,671	16,966	267,263
Species	114	106	97	102	172

RINGING RECOVERIES

Key to symbols and terms used in the recovery list

Arrangement of entry

Recoveries are arranged by species, and within species usually by date of the recovery letter. Ringing details are given on the first line and recovery data on the second.

Ring number: when this is in italics the ring has been returned and verified.

Age code

- 1 = pullus; young bird ringed in the nest. A number in brackets beside this age code indicates brood size.
- 2 = fully grown; year of hatching quite unknown.
- 3 = definitely hatched during current calendar year.
- 3J = as in 3, but bird still partly or totally in juvenile body plumage.
- 4 = hatched before current calendar year - exact year unknown.
- 5 = definitely hatched during last calendar year.

Sex: M = male; F = female.

Date of recovery

Where this is unknown the date of the reporting letter is given instead and is shown in brackets. A 00 in the date indicates that the exact day or month are unknown.

Manner of recovery

- v = caught or trapped, and released with ring (controlled)
- + = shot or killed by man
- x = found dead or dying
- xA = found long dead
- () = caught or trapped alive and not released, or released but with ring removed.
- B = breeding when recovered
- C = recovered at colony
- /?/ = manner of recovery unknown.

This section deals with 75 recoveries of 25 species reported during 1990-92. Only those found at least 5km away from the ringing site are included. The co-ordinates of the localities are given only once, when these are first mentioned.

Black-necked Grebe *Podiceps nigricollis*

FF 01.308 4 17.01.89 Ghadira: 35°58'N 14°21'E
 x 18.05.91 Karobelnoye Lake: Mishkirskij District, Kurganskaya, (former USSR)

Storm Petrel *Hydrobates pelagicus*

S 4.121 4 24.05.86 Filfla: 35°47'N 14°25'E
 xA 20.02.90 Côte Sauvage: 45°46'N 01°08'W (LaTremblade), France

Little Stint *Calidris minuta*

S 8.880 4 22.08.92 Ghadira
 v 19.11.92 Djoudj: 16°25'N 16°18'E nr St. Louis, Senegal

Common Sandpiper *Actitis hypoleucos*

BV 0.449 3 21.08.89 Ghadira
 x c.00.09.91 Siracusa: 37°03'N 15°00'E (Sicily) Italy

Yellow-legged Gull *Larus cachinnans*

GP 27.685 1 09.06.82 Filfla
 + c.20.05.91 Salina: 35°55'N 14°25'E
 GG 0.477 1 01.06.92 Filfla
 x 27.06.92 Simeto: 37°24'N 09°06'E Catania (Sicily), Italy

Kingfisher *Alcedo atthis*

SA 44.735 2F 17.09.85 Ghadira
 + 00.11.85 Mosta: 35°54'N 14°24'E
 SB 26.159 2 28.10.91 Lunzjata Valley: 36°03'N 14°14'E Gozo
 v 15.11.91 Xemxija: 35°57'N 14°23'E

Wryneck *Jynx torquilla*

B 09.942 2 13.10.90 Buskett: 35°51'N 14°25'E
 v 06.11.90 Ramla Bay: 36°04'N 14°17'E Gozo

Sand Martin *Riparia riparia*

76.024 4 10.04.90 Ramla Valley: 36°03'N 14°17'E
 vBC=F 15.07.90 Mintlaw: 57°32'N 02°00'W (Grampian), Scotland
 92.856 4 15.05.91 Ghadira
 v 17.05.91 Ramla Valley, Gozo
 68.723 4 19.04.89 Ramla Valley, Gozo
 v 08.08.91 Keszthely - Fenekpuszta: 46°43'N 17°15'E (Zala), Hungary
 98.728 3 05.10.92 Ramla Valley, Gozo
 v 07.10.92 Ghadira
 100.581 4 14.03.92 Ghadira
 v 16.03.92 Marsalforn Valley: 36°04'N 14°19'E Gozo

Swallow *Hirundo rustica*

77.442 4M 16.04.90 Salina
 v 18.04.90 Ramla Valley, Gozo
 90.586 4M 01.04.91 Ghadira
 v 02.04.91 Lunzjata Valley, Gozo
 71.573 4 24.04.90 Marsalforn Valley, Gozo
 x 27.04.91 Torokszentiniklos : 47°11'N 20°24'E Jasz-Nagykun-Szolnok, Hungary

71.535 4F 23.04.90 Marsalforn Valley, Gozo
 x 24.04.91 at sea, Golf de Lyons: c.43°21'N 04°00'E **France**
 The bird landed exhausted with several others on ship; died with a few others.

House Martin *Delichon urbica*

78.428 4F 17.03.91 Lunzjata Valley, Gozo
 v 18.03.91 Ghadira

Yellow Wagtail *Motacilla flava*

65.989 4F 31.03.91 Ghadira
 v 10.04.91 Miramare, Rimini: 44°02'N 12°17'E (Forli), **Italy**

Robin *Erithacus rubecula*

69.488 3 17.10.90 Xemxija
 v 20.10.90 Rabat: 35°53'N 14°24'E

73.454 3 31.10.90 Xemxija
 v 30.11.90 Targa Gap: 35°55'N 14°24'E

74.861 3 13.10.90 Buskett
 v 21.10.90 Ghajn Żejtuna: 35°58'N 14°22'E

79.749 3 18.10.90 Has-Saptan: 35°50'N 14°31'E
 v 25.10.90 Ghajn Żejtuna
 v 10.11.90 ibidem

79.834 3 25.10.90 Xemxija
 v 28.10.90 Lunzjata Valley, Gozo
 v 01.11.90 Ghajn Żejtuna

80.210 3 14.10.90 Xemxija
 v 17.10.90 ibidem
 v 20.10.90 Buskett

81.109 3 14.10.90 Ghajn Żejtuna
 v 26.10.90 Rabat

83.807 3 25.10.90 Buskett
 v 02.11.90 Xemxija

55.436 3 10.10.89 Lunzjata Valley, Gozo
 x(car) 11.03.90 Xemxija

80.444 3 14.10.90 Buskett
 x 21.04.91 Nowa Bysrzyca: 50°17'N 16°34'E (Walbrzyca), **Poland**

83.433 3 20.10.90 Buskett
 v 05.01.91 Ghajn Żejtuna

90.401 3 06.10.91 Ramla Valley, Gozo
 v 12.10.91 Buskett

90.931 3 14.10.91 Comino: 36°00'N 14°18'E
 v 20.10.91 Lunzjata Valley, Gozo

98.179 3 26.10.91 Lunzjata Valley, Gozo
 v 30.10.91 Rabat

105.749 3 26.10.92 Ghadira
 v 08.12.92 Buskett

104.252 3 06.10.92 Ghadira
 v 10.10.92 Bingemma: 35°54'N 14°23'E

85.852 3 03.11.91 Xemxija
v 23.11.92 Chadwick Lakes: 35°54'N 14°24'E

102.330 3 02.10.92 Bingemma
v 11.10.92 Buskett
v 17.10.92 ibidem

Bluethroat *Luscinia svecica*

82.768 3F 28.10.90 Lunzjata Valley, Gozo
v 01.11.90 Għadira

66.130 3F 26.11.91 Xemxija
v 01.05.92 Postrekov: 49°28'N 12°48'E Domazlica, **Czech Republic**

Blackbird *Turdus merula*

CX0343 4M 25.10.91 Lunzjata Valley, Gozo
x 00.10.91 Lampedusa : 35°30'N 12°36'E (Agrigento) **Italy**

Cetti's Warbler *Cettia cetti*

40.954 4M 08.05.86 Xemxija
v 02.11.90 Rabat

89.120 3F 28.07.91 Buskett
v 05.01.92 Għadira
v 17.11.92 ibidem

Fan-tailed Warbler *Cisticola juncidis*

8B.010 3F 19.05.90 Għadira
v 30.07.90 Wied I-Arkata: 35°55'N 14°25'E

4B.413 3 02.08.90 Dwejra: 36°03'N 14°16'E Gozo
v 22.07.91 Wied I-Arkata

1E.699 3F 01.09.91 Chadwick Lakes
v 11.09.91 Għadira

5B.001 3 15.07.90 Buskett
v 22.09.91 Salina

1E.657 3 11.07.91 Għadira
v 23.10.91 Lunzjata Valley, Gozo

Reed Warbler *Acrocephalus scirpaceus*

96.856 3 03.10.91 Bingemma
v 05.10.91 Ramla Valley, Gozo

35.744 4 25.09.84 Lunzjata Valley, Gozo
v 24.05.92 Busatello: 45°06'N 11°36'E Gazzo Veronese (Verona), **Italy**

99.899 4 16.08.92 Buskett
v 22.08.92 Ramla Valley, Gozo

Great Reed Warbler *Acrocephalus arundinaceus*

B10.877 6M 26.04.91 Għadira.
v 01.08.91 Feherto: 47°41'N 17°21'E, Gyor-Sapror-Mosor, **Hungary**

Whitethroat *Sylvia communis*

55.288 4M 22.04.89 Lunzjata Valley, Gozo
v 27.04.92 Ventotene: 40°07'N 13°25'E (Latina) **Italy**

Garden Warbler *Sylvia borin*

96.650 3 05.10.91 Buskett
v 14.05.92 Ventotene: 40°07'N 13°25'E (Latina) **Italy**

Blackcap *Sylvia atricapilla*

73.744	F	28.10.89	Buskett
	x (car)	21.08.90	Pest: 47°28'N 19°02'E (Budapest), Hungary
86.612	2M	03.12.90	Has-Saptan
	v	30.12.90	Bingemma
59.191	2F	26.11.87	Bingemma
	x	13.07.90	Dursley: 51°41'N 02°20'W (Gloucestershire), England
77.405	4F	02.04.90	Bingemma
	v	04.01.91	Has-Saptan
77.159	4F	06.03.90	Ghadira
	v	26.10.91	Lunzjata Valley, Gozo

Chiffchaff *Phylloscopus collybita*

7B.262	4	31.01.90	Ghadira
	v	09.03.90	Bingemma
5B.105	2	09.11.90	Ta'Pinu: 36°04'N 14°13'E Gozo
	v	21.11.90	Ghadira
8B.270	2	25.10.90	Ghadira
	v	02.11.90	Bingemma
1E.196	4	18.03.91	Ghadira
	v	28.04.91	Christiansø: 55°19'N 15°12'E (Bornholm), Denmark
9B.923	4	09.02.91	Has-Saptan
	v	07.03.92	Ghadira
1A.941	2	21.11.84	Ghadira
	v	12.03.92	Lunzjata Valley, Gozo
9B.191	2	15.11.92	Lunzjata Valley, Gozo
	v	12.12.92	Molentargius: 39°14'N 09°08'E Cagliari (Sardegna) Italy

Willow Warbler *Phylloscopus trochilus*

1E.349	4	02.04.91	Ghadira
	v	23.06.91	Fichtolberg: 50°01'N 11°51'E Kr. Bayreuth, Oberfranken, Germany

Penduline Tit *Remiz pendulinus*

A 8.964	4F	20.11.89	Lunzjata Valley, Gozo
	v	04.02.90	Xemxija
A 8.976	4M	21.11.89	Lunzjata Valley, Gozo
	v	12.02.90	Ghadira
6B.312	3F	08.12.89	Lunzjata Valley, Gozo
	v	07.03.90	Xemxija
6B.319	3	09.12.89	Lunzjata Valley, Gozo
	v	08.02.90	Xemxija
	v=4F	19.10.91	Conea: 43°58'N 12°43'E Cattolica (Forli), Italy
75.855	4M	14.01.90	Lunzjata Valley, Gozo
	v	11.02.90	Xemxija
77.140	5M	21.02.90	Ghadira
	v	07.11.90	Lunzjata Valley, Gozo

Spanish Sparrow *Passer hispaniolensis*

B 09.124	6M	28.01.90	Lunzjata Valley, Gozo
	v	21.03.91	Ghadira
B 09.683	3JF	04.08.91	Ramla Valley, Gozo
	v	19.05.92	Manoel Island: 35°54'N 14°30'E

Foreign-ringed birds recovered in Malta

This section deals with 41 foreign ringed birds of 27 species recovered in Malta. The symbols and terms used are the same as those in the previous section.

Cormorant *Phalacrocorax carbo*

Copenhagen	1	30.05.88	Mageøerne : 55°35'N 10°07'E Bogense, Fyn, Denmark
231.287	xA	30.05.91	Birkirkara: 35°54'N 14°28'E
Stockholm	1	11.06.90	Hankskären: 58°33'N 17°05'E Arkö (Ostergötland), Sweden
9.241.909	+	(02.01.92)	Marsaxlokk: 35°51'N 14°33'E

Greylag Goose *Anser anser*

Gdansk	1	28.05.88	Skaw Andrzej: 51°33'N 17°25'E Strawno, Miliez (Wroclaw), Poland
WA 05.205	+	15.12.90	Qawra: 35°57'N 14°26'E

Honey Buzzard *Pernis apivorus*

Helsinki	1	26.07.89	Kullaa: 61°32'N 22°18'E Turku & Pori, Finland
D 131.807	+	05.05.92	Rabat: 35°54'N 14°24'E

Red Kite *Milvus milvus*

Hiddensee	1	29.06.90	Stoebritz: 51°51'N 13°43'E Luckan, Germany
EA 022.096	+	14.09.90	Xaghra: 36°03'N 14°16'E Gozo

Marsh Harrier *Circus aeruginosus*

Kaunas	1(4/4)	30.06.88	Zuvintas: 54°28'N 23°38'E (Ezeras) Alytus, Lithuania
906.008	+	c.15.09.89	Gozo: c.36°03'N 14°17'E
Helsinki	1M	12.07.91	Luopioinen: 61°19'N 24°54'E Häme, Finland
H 151.522	+	c15.09.91	Dwejra: 35°54'N 14°23'E
Bologna	4M	15.04.84	Bordonchio: 44°08'N 12°28'E Bellaria Ibea Marina (Forlì) Italy
C 08.35	+	(15.09.91)	Malta: c.35°51'N 14°20'E
Ring seen on Stone Curlew <i>Burhinus oedicnemus</i> stuffed in a private collection.			
Praha	1(4/4)	05.07.84	Hustopece nad Becvou: 49°32'N 17°52'E Prevov, Czech Republic
D 70.254	+	10.04.92	Għar llima: 36°05'N 14°15'E Gozo

Osprey *Pandion heliaetus*

Stockholm	1(3/3)	06.07.88	Kronobergsmynen: 56°56'N 14°47'E Helgasion(Småland), Sweden
9.238.078	+	21.09.88	Salina: 35°57'N 14°25'E
Stockholm	1(3/3)	08.07.88	Söderang: 60°04'N 18°48'E Vaddö (Uppland), Sweden
9.237.552	+	c15.09.91	Malta: c.35°49'N 14°30'E

Kestrel *Falco tinnunculus*

Hiddensee	1	28.06.90	Hedessen: 51°16'N 13°29'E (Grossenheim), Germany
5.125.760	+	19.04.91	Kalafrana: 35°49'N 14°32'E

Peregrine Falcon *Falco peregrinus*

Helsinki	1	07.07.90	Pudasjärvi: (co-ordinates confidential) Oulu, Finland
D 97.863	+	31.03.91	Dingli Cliffs: 35°51'N 14°25'E

Little Ringed Plover *Charadrius dubius*

Helgoland 4M 16.05.90 Schuby: 54°31'N 09°29'E Schleswig-Holstein, **Germany**
 81.127.029 v 20.07.91 Ghadira: 35°58'N 14°21'E

Ringed Plover *Charadrius hiaticula*

London 4 12.04.81 Jakara Dam: 12°15'S 08°45'E Kano, **Nigeria**
 NS 23.051 + (30.09.91) Malta: c.35°55'N 14°25'E
 Bird seen stuffed in private collection on date of report.

Great Skua *Stercorarius skua*

London 1 15.07.74 Foula: 60°08'N 02°05'W (Shetland), **Scotland**
 HW 46.324 + 25.09.80 off Qawra: 35°57'N 14°45'E

Slender-billed Gull *Larus genei*

Moskwa 1 12.06.80 Orlov Isles: 46°17'N 31°45'E Tendra Bay (Keherson Region), **Ukraine**
 M 344.347 + 00.12.80 Malta: c.35°53'N 14°30'E

Lesser Black-backed Gull *Larus fuscus*

Copenhagen 1 09.07.66 Anhalt: 56°42'N 11°34'E **Denmark**
 431.482 + 13.01.68 Marsaxlokk: 35°50'N 14°30'E

Turtle Dove *Streptopelia turtur*

Praha 2M 29.07.85 Sedlec: 48°47'N 16°42'E Nesytpond(Breclav), **Czech Republic**
 H 75.886 + c.30.04.90 Gozo: c.36°03'N 14°17'E

Praha 4M 18.05.86 Kostolná: 48°53'N 17°58'E Trencin, **Czech Republic**
 H 76.483 + 16.04.91 Ramla Valley: 36°03'N 14°17'E Gozo

Sand Martin *Riparia riparia*

Ljubljana 4 12.07.89 Mura: 46°31'N 16°30'E Krizovec,Sveclisce, **Slovenia**
 A 397.012 v 11.04.90 Ramla Valley: 36°03'N 14°17"E Gozo

Budapest 3 03.09.89 Ludosko Jezero: 46°06'N 19°56'E Vojvodina, **Croatia**
 H 11.111 + 13.05.91 Ghajnsielem: 36°01'N 14°19'E Gozo

Budapest 3 06.07.89 Tiszatelek: 48°11'N 21°49'E Sgabeles-Szativar-Bereg, **Hungary**
 F 76.938 v 18.05.91 Lunzjata Valley: 36°03'N 14°14'E Gozo

Budapest 3 15.07.91 Simondrnya: 46°46'N 18°33'E Tolna, **Hungary**
 L 68.535 v 17.04.92 Lunzjata Valley: 36°03'N 14°14'E Gozo

Swallow *Hirundo rustica*

Ljubljana 3 10.08.88 Draga: 45°46'N 14°33'E Lj.Barje, **Slovenia**
 A 335.332 v 23.04.90 Marsalforn Valley: 36°03'N 14°16'E Gozo

Ljubljana 4 11.09.89 Vrhnika: 45°58'N 14°18'E **Slovenia**
 A 413.371 v=F 25.04.90 Bingemma: 35°54'N 14°21'E

Ljubljana 3 30.08.90 Vrhnika: 45°58'N 14°18'E **Slovenia**
 A 474.886 v 28.09.90 Ghadira: 35°03'N 14°21'E

Ljubljana 3 11.08.90 Bevke: 45°59'N 14°22'E Ljubljansko Barji, **Slovenia**
 A 448.816 v 22.04.91 Ramla Valley: 36°04'N 14°17'E Gozo

Sedge Warbler *Acrocephalus schoenobaenus*

Budapest 3 23.07.89 Keszthely-Fenekpuszta: 46°43'N 17°15'E Zala,**Hungary**
 P 41.726 v 09.04.90 Xemxija: 35°57'N 14°23'E St. Paul's Bay

Helsinki 3 28.08.91 Järvenpää: 60°27'N 25°04'E Uusimaa, **Finland**
 X 151 753 v 18.04.92 Ramla Valley: 36°04'N 14°17'E Gozo
 v 01.05.92 Ibid.

Helsinki	3	29.07.89	Helsinki: 60°12'N 25°01'E	Helsingfors, Uusimaa, Finland
V 673.942	v	24.05.92	Xemxija: 35°57'N 14°23'E	St. Paul's Bay

Reed Warbler *Acrocephalus scirpaceus*

Praha	3	10.08.91	Sedlec: 48°47'N 16°42'E	pond Nesyt, Breclav, Czech Republic
N 300.540	v	29.09.91	Bingemma: 35°54'N 14°18'E	

Garden Warbler *Sylvia borin*

Ljubljana	3	17.08.91	Vrhnika: 45°58'N 14°18'E	Slovenia
A 553 191	v	18.04.92	Buskett: 35°51'N 14°25'E	

Blackcap *Sylvia atricapilla*

Ljubljana	6M	12.07.90	Jarski prod: 46°05'N 14°32'E	Ljubljana, Slovenia
A 441 759	v	03.11.90	Ghajn Žejtuna: 35°58'N 14°22'E	Mellieħa

Chiffchaff *Phylloscopus collybita*

Ljubljana	3	15.10.89	Ormoz: 46°25' N 16°10'E	Slovenia
A 435.791	x	c.15.11.89	Sliema: 35°55'N 14°30'E	

Willow Warbler *Phylloscopus trochilus*

Stockholm	3	09.08.91	Handol: 63°15'N 12°27'E	Jamtland, Sweden
BB 09.527	v	11.10.91	Ghadira: 35°58'N 14°21'E	

Stockholm	3	29.08.92	Skegsholm: 59°06'N 18°16'E	Galo, Sodermanland, Sweden
BC 65.167	v	12.10.92	Buskett: 35°51'N 14°25'E	


Penduline Tit *Remiz pendulinus*

Hiddensee	3	07.06.88	1km NW of Neukirchen : 51°07'N 12°30'E	Borna, Germany
91.226.666	v	04.12.90	Xemxija: 35°57'N 14°23'E	St. Paul's Bay

Greenfinch *Carduelis chloris*

Budapest	4M	09.07.88	Varpoloto: 47°13'N 18°18'E	Veszprem, Hungary
V 76.772	()	15.10.90	Marsascala: 35°52'N 14°34'E	

Budapest	5F	16.05.89	Szello: 46°46'N 18°29'E	Baranya, Hungary
P 00054	()	21.11.90	Marsascala: 35°52'N 14°34'E	

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