

# IL-MERILL

BULLETIN OF THE MALTA ORNITHOLOGICAL SOCIETY

No. 6 December 1971.

2s. to non-Members



**SPECIAL ISSUE:  
RINGING REPORT 1967-70  
AND  
RECOVERIES IN MALTA  
OF  
BIRDS RINGED ABROAD**

# IL-MERILL

The title of the Society's Bulletin, **IL-MERILL**, is the Maltese name for the Blue Rock Thrush, *Monticola solitarius*, which is one of the few resident species of the Islands. It was chosen as the National Bird of Malta by the local National Section of the International Council for Bird Preservation and has been the emblem of the Malta Ornithological Society since the latter's inception.

*Editor*

Bro. Edmund

*St. Michael's Training College, St. Julian's, Malta*

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### Editor's Note:

We are proud to present this special issue of 'Il-Merill' which is of considerable scientific interest as it represents some four years of field studies in bird-ringing and recording. In conjunction with issue number five it gives a much clearer picture of bird life in Malta than any earlier study has done.

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No. 6 December, 1971.

## INTRODUCTION

This is the second ringing report published by the Malta Ornithological Society. The first one — 'Malta Bird Observatory . . . Report for 1966' — was published in 1967 and reported on the birds ringed from September 1965 to December 1966. Since then the title of the Group — 'Malta Bird Observatory' — has been changed to M.O.S. Bird Ringing Group. As we lacked a permanent observatory that title was rather misleading. Furthermore, several localities in various parts of the Islands have been used as ringing sites. The Ringing Group is engaged in studying various aspects of Maltese Ornithology, one of which is the keeping of a daily log of all birds occurring in Malta. As a result, the status of a substantial number of species has been totally revised. The Systematic List for the years 1967-70 published in 'Il-Merill' No. 5, August 1971, and 'Bird Studies on Filfla' published by the M.O.S. in 1970 were both the results of the Ringing Group.

1970 marked the fifth full year of bird ringing in the Maltese Islands. Ringing was started in September 1965 when the first two members were successfully trained to acquire a ringing licence from the British Trust for Ornithology. Since then, over 16,000 birds of ninety-eight species have been ringed. Of these, fourteen, have been recovered abroad.

Ringing was mostly confined to Buskett, Hal Far, Mtahleb and Ghadira in Malta, and Ramla, Lunzjata, Xaghra and Marsalforn in Gozo. A good number of hirundines was trapped at Ramla Valley and Lunzjata, while good catches of various species were made at Ghadira and Mtahleb during influxes in spring and autumn. Buskett and Lunzjata proved to be the best ringing sites for wintering species. Filfla, the only breeding station of Storm Petrels in the Maltese Islands, was visited on seven nights with a remarkable total of 2,334 Storm Petrels and 114 Cory's Shearwaters ringed. Thirty-eight Manx Shearwaters were also ringed at a colony discovered in a cliff-face in Malta. A few nights in spring were devoted to wader-netting with satisfactory results. Several birds, which were previously regarded as extreme rarities to Malta, were ringed. These included Red-breasted Flycatcher, Wren, Cetti's, Savi's, River, Moustached, Dartford and Bonelli's Warblers, Bluethroat and Red-backed Shrike. Mist-nets were exclusively used.

The Group also had a good number of recoveries during the years 1967-70 and the interesting ones (68) appear in this report. Eleven of these were recovered abroad. The most notable are a House Martin in Sweden, a Tree Pipit in Finland and a Sedge Warbler in England. The others are a Robin in Libya; a Storm Petrel in Tunisia; a Snipe, a Swallow, a Garden Warbler and a Nightingale in Italy; and a Chiffchaff and a Robin in Sicily. The distances and directions covered by birds recovered locally are given with the text.

This report also covers the retraps of interest which were obtained in 1967-70. During this period the number of retraps totalled 1,172. Of these 218 were residents, 781 winter visitors and 173 spring and/or autumn migrants. The last number is relatively low compared to the number of migrants ringed. This suggests that many of these do not stay for any length of time. Large numbers arrive in bad weather involuntarily to leave soon on the first day of favourable weather. The Sardinian Warbler constitutes no less than 50% of the resident species retrapped. Most winter visitors retrapped were Chiffchaff (61.5%) and Robin (29.5%).

The retraps of spring migrants average a stay on the islands of about 6 days, the longest being a Sedge Warbler (15 days), a Whitethroat (13 days) and a Great Reed Warbler (12 days). The autumn retraps average 8 days, the longest being a Redstart (19 days), a Reed Warbler and a Subalpine Warbler (15 days), a Sedge Warbler (14 days) and a Yellow Wagtail and a Sedge Warbler (13 days). The difference of ringing and retrapping weights provide an interesting study though one or two cases are confusing. We may mention one example: in spring 1970, three Sedge Warblers were retrapped. The first had increased 4.8 gms after 5 days, the second increased 5.1 gms after 15 days while the third's weight went down by 4.5 gms after 9 days. In most migrant retraps a slight increase in weight was noted and this was more in evidence in the autumn retraps. The most remarkable increases were noted in a Great Reed Warbler (45%) and a Pied Flycatcher (42%) in spring, and a Garden Warbler (50%) and a Subalpine Warbler (45%) in autumn.

The substantial number of retraps of winter visitors in successive winters is perhaps the most striking. They reinforce the evidence for faithfulness to winter quarters and accuracy of navigation. The Chiffchaff figures prominently with no fewer than 89 such retraps, five of which obtained in the 5th winter. The ringing and retrap weights of the winter visitors are also interesting.

A section of this report is devoted to all the known recoveries in Malta of foreign ringed birds. Malta always figures on many of the European ringing stations' records of recoveries. Long before the Danish Ornithologist, H.C.C. Mortensen, had pioneered at the end of last century the method of placing a ring with a number on a bird's leg for precise identification, Malta had already been involved in one of the earliest remarkable recoveries. A Peregrine Falcon, bearing the mark of Henry IV, King of France, escaped from Fontainebleau and was recovered twenty-four hours later in Malta, 1,350 miles away (J. Dorst: The Migration Of Birds — 1962). It is not surprising therefore that this section consists of no fewer than 211 recoveries of 57 species hailing from 24 different countries (and these are only the ones which the Ringing Group knows of). The compilation of these foreign recoveries is a credit to V. Vella Muskat who started on this task in 1962. He was the person responsible for compiling such valuable information till 1969. He was also the Secretary of the Ringing Group (then known as the Malta Bird Observatory) till 1968.

It is worth mentioning, that ring recoveries were also collected and reported to the stations concerned by J.M. Attard, as one of the activities of the Xaghra Cultural Centre. With the inception of the M.O.S., these records were transferred to the Society.

The active ringers for the years 1967-70 were C. Gauci, J. Sultana and V. Vella Muskat (1967-70) and Bro. Edmund (1970). J.M. Attard and E. Spiteri Campbell, two other licensed ringers, helped on some of the Filfla expeditions. By the end of 1970, S. Borg, B. German and J. Grech were fully trained and were awaiting their licences. The British ringers who helped the Group during their visits are M. Beaman, D.P. Carthy, G. Davies, J. Hardman, M. Hiron, D. Rushforth and D. Watson.

On behalf of the Ringing Group, we wish to thank the British Trust for Ornithology for their continual support.

J. Sultana & C. Gauci  
Ringing Officer Ringing Secretary

## SPECIES RINGED AND TOTALS

Species	1967	1968	1969	1970	Grand Total (Sept. 65-Dec. 70)
<i>Calonectris diomedea</i> Ciefa	3	52	45	23	123
<i>Puffinus puffinus</i> Garnija	—	—	24	14	38
<i>Hydrobates pelagicus</i> Kangu ta' Filfla	—	378	1,403	553	2,334
<i>Ixobrychus minutus</i> Russett tas-sigar	—	1	2	—	3
<i>Falco tinnunculus</i> Spanjulett	1	1	—	1	3
<i>Coturnix coturnix</i> Summiena	1	—	—	—	2
<i>Rallus aquaticus</i> Gallozz tax-xitwa	—	—	—	1	1
<i>Porzana porzana</i> Gallozz tat-tikki	—	—	1	—	1
<i>Porzana parva</i> Gallozz zghir	—	3	1	—	4
<i>Gallinula chloropus</i> Gallozz iswed	—	3	3	—	6
<i>Charadrius dubius</i> Monakella	—	5	7	10	25
<i>Calidris minuta</i> Tertuxa	—	10	11	14	36
<i>Calidris temminckii</i> Tertuxa griza	—	1	—	—	1
<i>Calidris alpina</i> Beggazzina tat-Tizz	—	—	—	—	1
<i>Philomachus pugnax</i> Girwiel	—	7	—	—	7
<i>Tringa ochropus</i> Swejda	—	2	—	2	4
<i>Tringa glareola</i> Pespas tal-bahar	—	11	2	4	17
<i>Tringa hypoleucos</i> Beggazzina tar-rokka	1	1	4	1	7
<i>Gallinago gallinago</i> Bekkaçç	—	3	—	2	6

<i>Gallinago media</i> Bekkaçé ta' Mejju	—	—	—	1	1
<i>Lymnocyptes minimus</i> Çinkonja	—	—	—	1	1
<i>Larus argentatus</i> Gawwija prima	—	1	1	3	5
<i>Streptopelia turtur</i> Gamiema	1	—	1	1	5
<i>Cuculus canorus</i> Daquqa kahla	—	1	—	1	2
<i>Otus scops</i> Kokka	1	1	7	2	13
<i>Caprimulgus europaeus</i> Buqrajq	2	—	—	1	4
<i>Apus apus</i> Rundun	—	—	—	1	1
<i>Alcedo atthis</i> Ghasfur ta' San Martin	2	—	3	1	12
<i>Upupa epops</i> Daquqa tat-toppu	—	1	—	1	2
<i>Jynx torquilla</i> Bulebbiet	6	4	7	10	45
<i>Calandrella cinerea</i> Bilbla	—	8	4	—	19
<i>Alauda arvensis</i> Alwetta	—	—	—	—	1
<i>Riparia riparia</i> Hawwief a tax-xtut	14	171	239	199	734
<i>Hirundo rustica</i> Huttafa	20	158	91	732	1,276
<i>Hirundo daurica</i> Regina tal-huttaf	—	1	3	4	9
<i>Delichon urbica</i> Hawwief a	7	156	110	304	611
<i>Anthus campestris</i> Bilblun	1	—	—	—	1
<i>Anthus trivialis</i> Dizz	18	6	27	32	111
<i>Anthus pratensis</i> Pespus	15	11	12	9	55
<i>Motacilla flava</i> Isfar	7	23	8	295	390

<i>Motacilla cinerea</i> Zakak tad-dell	23	8	12	22	105
<i>Motacilla alba</i> Zakak abjad	6	69	6	5	94
<i>Lanius collurio</i> Kaççamendula hamra	2	—	8	1	11
<i>Lanius senator</i> Kaççamendula	2	5	7	2	19
<i>Troglodytes troglodytes</i> Bumistur	—	3	—	2	5
<i>Prunella modularis</i> Ziemel	9	10	3	34	61
<i>Cettia cetti</i> Baghal tal-ghollieq	3	4	4	12	23
<i>Locustella luscinioides</i> Baghal ahmar	—	1	3	3	8
<i>Locustella fluviatilis</i> Baghal tax-xmajjar	—	—	1	—	1
<i>Lusciniola melanopogon</i> Baghal qastni	3	4	4	6	19
<i>Acrocephalus schoenobaenus</i> Baghal tas-simar	2	16	34	60	132
<i>Acrocephalus palustris</i> Baghal tal-ghadajjar	—	—	—	—	1
<i>Acrocephalus scirpaceus</i> Baghal tal-qasab	19	11	51	43	135
<i>Acrocephalus arundinaceus</i> Baghal prim	5	6	71	48	150
<i>Hippolais icterina</i> Bekkafk isfar	11	3	21	12	59
<i>Sylvia borin</i> Bekkafk	79	86	203	119	621
<i>Sylvia atricapilla</i> Kapinera	41	89	141	100	402
<i>Sylvia communis</i> Bekkafk ahmar	17	44	115	123	323
<i>Sylvia curruca</i> Bekkafk irmiedi	—	—	—	—	2
<i>Sylvia melanocephala</i> Bufula sewda	113	96	107	163	634
<i>Sylvia cantillans</i> Bufula passajra	24	18	141	86	292

<i>Sylvia conspicillata</i>					
<i>Bufula hamra</i>	27	16	18	7	115
<i>Sylvia undata</i>					
<i>Bufula tax-xaghri</i>	1	—	—	10	11
<i>Phylloscopus trochilus</i>					
Vjolin pastard	23	23	70	51	250
<i>Phylloscopus collybita</i>					
Vjolin tax-xitwa	308	153	337	491	1.771
<i>Phylloscopus bonelli</i>					
Vjolin bajdani	—	—	2	3	6
<i>Phylloscopus sibilatrix</i>					
Vjolin ahdar	9	7	51	31	182
<i>Regulus regulus</i>					
<i>Bufula tal-qamar</i>	1	—	—	3	5
<i>Regulus ignicapillus</i>					
<i>Bufula tat-toppu ahmar</i>	5	3	2	16	29
<i>Ficedula hypoleuca</i>					
Zanzarell iswed	8	14	48	34	135
<i>Ficedula albicollis</i>					
Zanzarell tal-kullar	5	7	9	4	33
<i>Ficedula parva</i>					
Zanzarell ta' sidru ahmar	1	—	—	—	2
<i>Muscicapa striata</i>					
Zanzarell tat-bikki	17	6	18	28	88
<i>Saxicola rubetra</i>					
Buçaqçaq tas-silla	4	2	7	30	52
<i>Saxicola torquata</i>					
Buçaqçaq tax-xitwa	14	15	2	18	52
<i>Oenanthe oenanthe</i>					
Kuda	—	5	—	—	6
<i>Monticola saxatilis</i>					
Ganbublu	—	1	—	—	1
<i>Monticola solitarius</i>					
Merill	4	8	—	2	18
<i>Phoenicurus ochruros</i>					
Kudiross iswed	—	—	1	3	5
<i>Phoenicurus phoenicurus</i>					
Kudiross	83	77	44	54	324
<i>Erithacus rubecula</i>					
Pitirross	307	260	214	493	1.450
<i>Luscinia megarhynchos</i>					
Rožinjol	17	24	61	37	171

<i>Luscinia svecica</i>					
Kudiross blu	1	3	—	3	9
<i>Turdus torquatus</i>					
Malvizz tas-sidra bajda	2	—	—	—	2
<i>Turdus merula</i>					
Malvizz iswed	2	4	2	4	20
<i>Turdus iliacus</i>					
Malvizz ahmar	—	1	—	—	1
<i>Turdus philomelos</i>					
Malvizz	14	2	6	10	35
<i>Emberiza calandra</i>					
Durrajsa	6	4	4	2	21
<i>Emberiza hortulana</i>					
Ortolan	—	—	—	—	2
<i>Emberiza schoeniclus</i>					
Durrajsa tal-qasab	1	—	—	—	1
<i>Fringilla coelebs</i>					
Sponsun	4	6	6	18	39
<i>Serinus serinus</i>					
Apparell	47	10	3	1	66
<i>Carduelis chloris</i>					
Verdun	31	17	17	21	123
<i>Acanthis cannabina</i>					
Gojgin	73	47	77	117	503
<i>Passer hispaniolensis</i>					
Ghammiel tal-bejt	352	534	176	142	1,499
<i>Passer montanus</i>					
Ghammiel tas-sigar	10	7	1	3	25
<i>Sturnus vulgaris</i>					
Sturnell	1	—	—	1	3
<i>Oriolus oriolus</i>					
Tajra safra	1	2	6	3	13
Totals	1,838	2,751	4,130	4,704	16,082

SPECIES: 1937 Total: 63  
1968 Total: 72  
1969 Total: 67  
1970 Total: 76  
Grand Total: 98

# RINGING RECOVERIES REPORTED DURING 1967-70

## Key to Symbols and Terms Used.

Age: Juv. --- young, able to fly freely;  
 1Y. --- bird in its first year of life;  
 P.J. --- post-juvenile;  
 FG. --- full-grown, age uncertain;  
 Ad. --- adult, at least one year old.

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 in brackets.

## Co-ordinates of Principal Ringing Sites omitted from Text:

Ghadira, Mellieha, Malta	35°58'N; 14°21'E.
Buskett, Rabat, Malta	35°52'N; 14°24'E.
Wied Znuber, Hal Far, Malta	35°49'N; 14°31'E.
Marsalforn Valley, Xaghra, Gozo	36°04'N; 14°16'E.
Ramla Valley, Xaghra, Gozo	36°03'N; 14°17'E.
Lunzjata, Victoria, Gozo	36°02'N; 14°14'E.

STORM PETREL	<i>Hydrobates pelagicus</i>	KANGU TA' FILFLA
BC 74.767	Ad. 29. 06. 68	Filfla: 35°47'N; 14°25'E.
	() (28. 12. 69)	Techine: 33°29'N; 10°00'E, Matmata, Gabes, TUNISIA.

LITTLE RINGED PLOVER	<i>Charadrius dubius</i>	MONAKELLA
EH 60.493	P.J. 25. 04. 70	Ramla Valley, Xaghra.
	v 27. 04. 70	Ghadira, Mellieha. (15 km SE)

RUFF	<i>Philomachus pugnax</i>	GIRWIEL
CV 11.270	P.J. F. 04. 04. 68	Ghadira, Mellieha.
	+ (12. 04. 68)	Sliema. (16 km SE)

WOOD SANDPIPER	<i>Tringa glareola</i>	PESPUS TAL-BAHAR
CV 11.258	P.J. 22. 04. 68	Ghadira, Mellieha.
	+ 24. 04. 68	Salina. (9 km ESE)

SNIPE	<i>Gallinago gallinago</i>	BEKKACC
CV 11.301	P.J. 31. 03. 66	Lunzjata, Victoria.
	+ 20. 02. 67	Sila: 39°30'N; 16°22'E, (Cosenza), ITALY.

SCOPS OWL		<i>Otus scops</i>	KOKKA
EC 77.471	P.J.	12. 10. 66	Ghadira, Mellieha.
	x	14. 04. 68	Tas-Salib, Rabat. (9 km SSE)

ED 46.001	P.J.	27. 03. 69	Ghadira, Mellieha.
	+	02. 04. 69	Comino. (5 km N)

NIGHTJAR		<i>Caprimulgus europaeus</i>	BUQRAJQ
CV 11.230	P.J.	14. 05. 67	Wied Znuber, Hal Far.
	+	17. 05. 67	Cospicua. (8 km NNE)

SAND MARTIN		<i>Riparia riparia</i>	HAWWIEFA TAX-XTUT
BJ 18.868	P.J.	06. 05. 69	Lunzjata, Victoria.
	v	09. 05. 69	Zebbug. (25 km SE)

SWALLOW		<i>Hirundo rustica</i>	HUTTAF
660.724	P.J. M	09. 04. 68	Ramla Valley, Xaghra.
	x	12. 04. 68	Balzan (26 km SE)

HR 90.390	P.J. F.	18. 05. 68	Ramla Valley, Xaghra.
	v	19. 05. 68	Xorb l-Ghagin, M'Scala. (36 km SE)

HX 94.696	P.J. M.	04. 04. 70	Ramla Valley, Xaghra.
	()	17. 04. 70	Cutroflano: 40°07'N; 18°11'E, (Lecce) ITALY.

RED-RUMPED SWALLOW		<i>Hirundo daurica</i>	REGINA TAL-HUTTAF
HX 12.551	P.J.	08. 05. 69	Girgenti Valley, Siggiewi.
	+	(14. 05. 69)	Zejtun. (11 km E)

HOUSE MARTIN		<i>Delichon urbica</i>	HAWWIEFA
HR 90.397	P.J.	25. 05. 68	Ramla Valley, Xaghra.
	x	14. 07. 68	Albacken: 60°42'N; 13°43'E, Malung, (Kopparberg), SWEDEN.

HX 95.156	P.J.	15. 05. 70	Ramla Valley, Xaghra.
	x	18. 05. 70	Paula. (30 km SE)

TREE PIPIT		<i>Anthus trivialis</i>	DIZZ
HC 49.664	P.J.	16. 04. 67	Ramla Bay: 36°04'N; 14°17' E.
	x	09. 05. 67	Porckkala: 59°58'N; 24°25'E, (Uusimaa), FINLAND.

MEADOW PIPIT		<i>Anthus pratensis</i>	PESPUS
HX 75.977	P.J.	29. 12. 69	Dingli Cliffs.
	x	12. 01. 70	St. Paul's Bay (10 km N)

YELLOW WAGTAIL		<i>Motacilla flava ssp.</i>	ISFAR
HX 95.332	1Y.	16. 09. 70	Salina.
	v	17. 09. 70	Hal Far. (17 km SE)

HX 95.333	1Y.	16. 09. 70	Salina.
	()	22. 09. 70	Hal Far. (17 km SE)

HX 95.341	1Y.	16. 09. 70	Salina.
	v	ca.06. 11. 70	Marsascala. (15 km SE)

HX 95.353	1Y.	16. 09. 70	Salina.
	()	(21. 09. 70)	Qrendi. (13 km SE)

HX 95.357	Ad. M. v	16. 09. 70 ca.17. 09. 70	Salina. Qrendi. (13 km SE)	HR 90.730	P.J. ( )	10. 10. 68 ca.01. 11. 68	Wied il-Luq, Buskett. Gudja. (9 km E)
HX 95.358	Ad. M. ( )	16. 09. 70 (28. 09. 70)	Salina. Hamrun. (8 km SE)	HR 90.839	P.J. x	19. 11. 68 01. 11. 69	Lunzjata, Victoria. Giardini: 37°50'N; 15°17'E, (Messina), SICILY.
HX 95.359	1Y. ( )	16. 09. 70 (23. 09. 70)	Salina. Zurrieq. (14 km SSE)	HX 75.882	P.J. ( )	10. 10. 69 16. 10. 69	Wied il-Luq, Buskett. Luqa. (8 km E)
HX 95.480	Ad. M. ( )	24. 09. 70 ca.26. 09. 70	Salina. Zurrieq. (14 km SSE)	HX 75.95-	P.J. ( )	8/9. 11. 69 ca.25. 10. 70	Buskett or Hal Far. Misurata: 32°24'N; 15°04'E, LIBYA.
HX 95.662	1Y. M. ( )	01. 10. 70 16. 10. 70	Salina. Qormi. (8 km SSE)	HX 76.006	1Y. ( )	02. 11. 69 30. 11. 69	Wied Znuber, Hal Far. Buskett. (11 km WNW)
HX 95.669	Ad. M. ( )	01. 10. 70 (06. 10. 70)	Salina. Kirkop. (13 km SE)	HX 76.007	1Y. ( )	02. 11. 69 11. 12. 69	Wied Znuber, Hal Far. Qrendi. (5 km WNW)
HX 95.679	Ad. M. ( )	01. 10. 70 04. 10. 70	Salina. Zurrieq. (14 km SSE)	HX 76.011	1Y. ( )	02. 11. 69 (24. 12. 69)	Wied Znuber, Hal Far. Rabat. (12 km NW)
WHITE WAGTAIL			<i>Motacilla alba</i>				ZAKAK ABJAD
HC 49.050	1Y. M. ( )	17. 12. 66 25. 11. 67	Lunzjata, Victoria. Naxxar. (22 km SE)	HX 95.814	1Y. ( )	01. 11. 70 (20. 11. 70)	Wied il-Hanaq, Xaghra. Ghaxaq. (32 km SE)
HX 13.084	1Y. F. x	04. 01. 69 ca.09. 12. 69	Lunzjata, Victoria. Valletta. (29 km ESE)	NIGHTINGALE			<i>Luscinia megarhynchos</i>
SEDGE WARBLER			<i>Acrocephalus schoenobaenus</i>	HJ 08.176	P.J. ( )	18. 09. 67 12. 04. 68	ROŽINJOL B'Bugia: 35°50'N; 14°32'E. nr. Reggio: 44°55'; 10°48'E, (Reggio Emilia), ITALY.
HX 94.693	P.J. v	04. 04. 70 28. 04. 70	Ramla Valley, Xaghra. Little Hallingbury: 51°50'N; 0°10'E. (Essex), ENGLAND.	SONG THRUSH			<i>Turdus philomelos</i>
GARDEN WARBLER			<i>Sylvia borin</i>	CV 11.299	P.J. +	23. 11. 69 25. 12. 70	MALVIZZ Wied Znuber, Hal Far. Gudja. (5 km N)
HX 12.494	P.J. +	04. 05. 69 16. 09. 69	Ghajnxjeba: 36°04'N; 14°16'E, Xaghra. Lorenzana: 43°38'N; 10°32'E, nr. Fau- glia, (Pisa), ITALY.	SERIN			<i>Serinus serinus</i>
CHIFFCHAFF			<i>Phylloscopus collybita</i>	HC 49.588	P.J. F. ( )	26. 03. 67 15. 02. 68	APPARELL Xaghra. Tarxien. (31 km SE)
PB 6808	P.J. /?	14. 01. 67 (11. 12. 67)	Lunzjata, Victoria. Pedara: 37°38'N; 15°04'E, nr. Masca- lucia, Catania, SICILY.	GREENFINCH			<i>Carduelis chloris</i>
ROBIN			<i>Eritacus rubecula</i>	BC 65.321	P.J. F. +	08. 11. 67 12. 01. 69	VERDUN Lunzjata, Victoria. Rabat. (23 km SSE)
HC 49.047	P.J. ( )	09. 12. 66 ca.06. 12. 67	Lunzjata, Victoria. Ghajnsielem. (5 km SSE)	BC 65.343	P.J. F. ( )	27. 11. 67 11. 12. 67	Lunzjata, Victoria. B'Bugia. (35 km ESE)
HJ 08.209	1Y. ( )	16. 10. 67 22. 10. 67	Wied il-Luq, Buskett. Floriana. (9 km ENE)	BC 71.751	P.J. F. ( )	21. 10. 66 07. 02. 68	Sannat. Bahrija. (19 km SSE)
HR 90.476	1Y. v	12. 10. 68 16. 10. 68	Lunzjata, Victoria. Kalkara. (31 km SE)	BC 71.815	P.J. F. ( )	19. 01. 68 04. 02. 68	Lunzjata, Victoria. B'Bugia. (35 km ESE)
HR 90.484	1Y. ( )	18. 10. 68 00. 00. 68	Marsalforn Valley. Birkirkara. (27 km SE)	LINNET			<i>Acanthis cannabina</i>
HR 90.489	1Y. ( )	18. 10. 68 19. 10. 68	Marsalforn Valley. Balzan. (23 km SE)	HC 49.344	P.J. F. ( )	20. 11. 66 (04. 02. 67)	GOJJIN Ta' Ċenċ. Kalkara. (30 km SE)
HR 90.509	P.J. ( )	09. 11. 68 (14. 11. 68)	Wied il-Luq, Buskett. Mosta. (5 km ENE)	HC 49.426	P.J. F. ( )	19. 01. 67 05. 02. 67	Ta' Ċenċ. Naxxar. (21 km SE)
				HJ 08.297	P.J. F. ( )	31. 10. 67 21. 02. 68	Lunzjata, Victoria. Mtaħleb. (20 km SSE)

HR 90.494	P.J. F. x	22. 10. 68 00. 03. 69	Lunzjata, Victoria. Siggiewi. (28 km SE)	Wood Warbler Wood Warbler Pied Flycatcher Pied Flycatcher Pied Flycatcher Pied Flycatcher Redstart Redstart	03.4.69 (8.5) 04.4.69 (8.2) 09.4.69 (11.5) 09.4.69 (11.0) 11.4.69 (10.6) 05.5.69 (11.5) 13.4.68 (16.0) 28.3.69 (12.5)	09.4.69 (9.4) 09.4.69 (9.0) 11.4.69 (13.3) 19.4.69 (15.7) 19.4.69 (14.2) 09.5.69 (13.5) 14.4.68 (18.0) 29.3.69 (14.0)	Ghadira Ghadira Ghadira Ghadira Ghadira Lunzjata Marsalforn Marsalforn
HR 90.802	P.J. F. v	31. 10. 68 17. 11. 68	Lunzjata, Victoria. Attard. (24 km SE)			03.4.69 (15.6) 01.4.69 (16.3)	Ghadira
HR 90.818	P.J. F. ( )	11. 11. 68 03. 11. 69	Lunzjata, Victoria. Mosta. (21 km SE)			02.4.70 (15.7) 16.4.70 (17.0)	Ghadira Ghadira
HR 90.824	P.J. F. ( )	15. 11. 68 21. 12. 68	Lunzjata, Victoria. Sliema. (23 km SE)	Redstart	26.3.70 (13.8)	30.3.70 (15.3)	Ghadira
HR 90.828	P.J. F. ( )	15. 11. 68 27. 11. 68	Lunzjata, Victoria. Zabbar. (32 km SE)	Redstart Redstart	10.4.70 (13.9) 10.4.70 (13.5)	18.4.70 (16.8)	Ghadira Ghadira
HR 90.83(4/5)	P.J. F. ( )	16. 11. 68 (28. 11. 68)	Lunzjata, Victoria. Mosta. (21 km SE)	Nightingale	14.4.69 (18.2)	17.4.69 (20.5) 18.4.69 (20.1)	Marsalforn
HX 76.801	P.J. F. +	27. 10. 70 07. 11. 70	Lunzjata, Victoria. Qormi. (27 km SSE)	Nightingale Nightingale Nightingale	09.4.70 (19.5) 13.4.70 (21.5) 21.4.70 (18.8)	13.4.70 (21.5) 14.4.70 (22.8) 23.4.70 (23.0)	Buskett Ghadira Ghadira
HX 76.808	P.J. F. ( )	27. 10. 70 18. 11. 70	Lunzjata, Victoria. Naxxar. (22 km SE)				
HX 76.811	P.J. F. ( )	27. 10. 70 11. 11. 70	Lunzjata, Victoria. St. Paul's Bay. (15 km SE)				

(A Garden Warbler was also retrapped after 5 days; a Whitethroat after 13 days; a Bonelli's Warbler after 4 days; and a Wood Warbler after 7 days. 5 other Whitethroats which were retrapped 3-4 days after showed increases of c. 2 gms. in weight).

\* \* \* \* \*

SPANISH SPARROW		<i>Passer hispaniolensis</i>	GHAMMIEL TAL-BEJT
BC 71.725	Juv. v (M.)	17. 04. 66 02. 07. 69	Bahar ic-Caghaq. Balzan. (5 km S)
BC 74.634	Ad. F. v	29. 04. 68 31. 12. 69	Mtahleb. Rabat. (5 km E)

#### 2. Retraps of Autumn Migrants.

Species	Ringling Date	Date Retrapped	Locality
Yellow Wagtail	23. 9.70 (16.9)	05.10.70 (19.4)	Mtahleb
Sedge Warbler	23. 9.69 (12.6)	06.10.69 (13.6)	Buskett
Sedge Warbler	30. 9.69 (12.4)	10.10.69 (14.2)	Buskett
Sedge Warbler	30. 9.69 (11.3)	13.10.69 (11.9)	Buskett
Reed Warbler	29. 8.69 (15.0)	07. 9.69 (14.9)	Mtahleb
Reed Warbler	05. 9.69 (14.3)	09. 9.69 (16.3)	Pergla
Reed Warbler	27. 9.69 (11.7)	11.10.69 (10.7)	Ramla Bay
Reed Warbler	25. 8.70 (11.5)	29. 8.70 (12.7)	
		02. 9.70 (14.0)	Buskett
Reed Warbler	29. 8.70 (15.2)	02. 9.70 (14.4)	Buskett
Reed Warbler	23.10.70 (12.1)	26.10.70 (14.1)	Mtahleb
Great Reed Warbler	26. 9.69 (31.0)	02.10.69 (37.7)	Mtahleb
Great Reed Warbler	26. 9.69 (36.8)	02.10.69 (37.4)	Mtahleb
Garden Warbler	05.10.68 (20.4)	11.10.68 (30.3)	Mtahleb
Garden Warbler	05.10.68 (24.8)	09.10.68 (27.9)	Mtahleb
Garden Warbler	05.10.68 (23.1)	09.10.68 (25.9)	Mtahleb
Garden Warbler	07.10.68 (18.3)	12.10.68 (22.5)	Lunzjata
Garden Warbler	12. 9.69 (19.8)	18. 9.69 (25.7)	Mtahleb
Garden Warbler	25. 9.70 (18.8)	29. 9.70 (20.7)	Buskett
Subalpine Warbler	12. 9.69 (14.8)	18. 9.69 (12.8)	Mtahleb
Subalpine Warbler	06. 9.70 (11.1)	11. 9.70 (12.9)	Buskett
Subalpine Warbler	08. 9.70 (13.9)	11. 9.70 (15.1)	Buskett
Subalpine Warbler	12. 9.70 (11.0)	26. 9.70 (16.1)	Buskett
Bonelli's Warbler	30. 8.69 (9.3)	03. 9.69 (10.4)	Ghadira
Spotted Flycatcher	26. 9.67 (16.1)	01.10.67 (18.5)	Ghadira
Spotted Flycatcher	26. 9.69 (15.3)	02.10.69 (20.0)	Mtahleb
Redstart	01.10.67 (14.9)	08.10.67 (18.0)	Xaghra

### SELECTED RETRAPS OF 1967-70

The weight, in gms., appears in brackets beside the date.

#### 1. Retraps of Spring Migrants.

Species	Ringling Date	Date Retrapped	Locality
Sedge Warbler	14.3.70 (16.6)	22.3.70 (12.1)	Ramla Valley
Sedge Warbler	15.3.70 (11.7)	29.3.70 (16.5)	Ramla Valley
Sedge Warbler	09.4.70 (11.0)	13.4.70 (16.1)	Buskett
Great Reed Warbler	13.4.70 (21.7)	17.4.70 (26.8)	
		18.4.70 (28.8)	
		24.4.70 (30+)	Buskett
Subalpine Warbler	28.3.69 (10.3)	01.4.69 (13.3)	Ghadira
Subalpine Warbler	03.4.69 (11.3)	06.4.69 (12.7)	Mtahleb
Willow Warbler	03.4.69 (8.6)	10.4.69 (11.9)	Mtahleb
Willow Warbler	14.4.70 (9.5)	20.4.70 (9.3)	Ghadira
Willow Warbler	30.4.70 (11.7)	02.5.70 (13.0)	Buskett
Wood Warbler	01.4.69 (10.0)	02.4.69 (10.5)	
		08.4.69 (12.0)	Ghadira
Wood Warbler	03.4.69 (7.9)	08.4.69 (9.3)	Mtahleb



Redstart	09.10.67 (15.5)	12.10.67 (17.5)	
		14.10.67 (17.5)	
		19.10.67 (21.0)	Lunzjata
Redstart	21. 9.68 (15.3)	27. 9.68 (18.4)	Xaghra
Redstart	01.10.68 (20.0)	04.10.68 (22.5)	Lunzjata
Redstart	27. 9.70 (17.4)	01.10.70 (18.1)	Buskett
Nightingale	06. 9.69 (30.8)	15. 9.69 (32.0)	Buskett

(A Sedge Warbler was also retrapped after 13 days; 2 Reed Warblers after 6-10 days; a Great Reed Warbler after 7 days; a Whitethroat after 8 days; 5 Subalpines after 4-9 days; and a Redstart after 19 days).

### 3. Retraps of Breeding Species.

In the following table, the top line shows the approximate period which had elapsed between ringing and retrap. The figures show the number of individuals retrapped in 1967-70.

	1 year	2 years	3 years	4 years
Cory's Shearwater	5			
Storm Petrel	10	9(*)		
Cetti's Warbler(**)	2			
Sardinian Warbler	4	5	2	2
Spanish Sparrow			2	4
Tree Sparrow	1			

(\*) One of these Storm Petrels was ringed as a pullus.

(\*\*) At the time of compiling this report (i.e. during 1971) the Cetti's Warbler was proved breeding for the first time in the Maltese Islands.

### 4. Retraps of Winter Visitors.

In the following table, the top line shows in which successive winter the species were retrapped. The figures show the number of individuals retrapped in the winters of 1967-70.

	2nd W.	3rd W.	4th W.	5th W.
Scops Owl (*)		1		
Grey Wagtail	2	2		
Blackcap	4		2	
Chiffchaff	63	15	6	5
Robin	9			

In addition to the above, 5 Chiffchaffs ringed in winter 1965/66 were retrapped in winter 66/67 and again in winter 67/68, while 2 ringed in winter 65/66 were retrapped in winter 67/68 and again in winter 68/69. A Blackcap ringed in April 1966 was retrapped in February 1967 and again in January 1969.

(\*) The Scops Owl is a spring and autumn migrant but few individuals winter in Malta.

In the following table, the top line shows the number of weeks which had elapsed between the ringing and retrap in the same winter.

	5-8 wks.	9-12 wks.	13-16 wks.	17-20 wks.	23 wks.
Grey Wagtail	2	2	3		
Dunnock	1				
Blackcap		1	1	1	
Chiffchaff		4	1	1	
Firecrest	1		1		
Stonechat		1			

Robin	2	4	6	1
Blackbird	1			

The following table includes some wintering retraps with the weight in gms. given in brackets beside the dates.

Species	Ringing Date	Date Retrapped	Locality
Grey Wagtail	22.11.69 (18.1)	03.11.70 (15.7)	Lunzjata
Grey Wagtail	14.11.70 (18.0)	19.12.70 (19.0)	Lunzjata
Moustached Warbler	11. 2.70 (10.7)	06. 3.70 (11.9)	
		08. 3.70 (11.8)	Buskett
Blackcap	23.11.68 (16.0)	22. 3.69 (23.8)	Buskett
Blackcap	20.12.68 (19.8)	22. 3.69 (17.8)	Buskett
Blackcap	25. 1.69 (18.0)	01. 2.69 (16.8)	
		22. 2.69 (17.5)	
		01. 4.69 (18.5)	Lunzjata
Chiffchaff	25. 1.69 (7.5)	19.12.70 (6.8)	Lunzjata
Chiffchaff	05.11.69 (6.3)	06. 1.70 (6.4)	Buskett
Chiffchaff	14.11.69 (7.6)	06. 3.70 (6.8)	Buskett
Chiffchaff	15.11.69 (7.0)	22. 3.70 (9.1)	Ramla Valley
Robin	15.10.67 (15.6)	29.10.67 (16.4)	
		11. 2.68 (16.7)	
		24. 3.68 (16.8)	Wied Znuber
Robin	06.11.68 (15.8)	09.11.68 (16.3)	
		15. 3.69 (20.0)	Buskett
Robin	09.11.68 (16.0)	22. 3.69 (20.1)	Buskett
Robin	09.11.68 (15.4)	22. 3.69 (19.8)	Buskett
Robin	09.11.68 (16.2)	22. 3.69 (19.1)	Buskett
Robin	09.11.68 (15.7)	24. 3.69 (16.4)	
		29. 3.69 (16.8)	Buskett
Robin	15.11.69 (16.7)	14. 2.70 (17.0)	Ramla Bay
Robin	17.11.69 (17.4)	11. 2.70 (17.4)	Buskett
Robin	23.12.69 (19.1)	06. 3.70 (18.3)	Buskett
Robin	30.12.69 (19.4)	02. 3.70 (19.8)	Buskett
Robin	10. 1.70 (17.2)	19. 3.70 (21.5)	Lunzjata
Robin (*)	13. 4.70 (14.0)	18. 4.70 (18.6)	Ghadira
Robin	14.11.70 (16.2)	19.12.70 (19.5)	Lunzjata

(\*) This Robin was presumably wintering south of Malta and was relatively late for its return passage.

## RECOVERIES IN MALTA OF BIRDS RINGED ABROAD

The symbols and terms are the same as those used in the 'Ringed Recoveries Reported During 1967-70', with the exception that the term 'juv.' cannot always be relied upon to signify a young bird able to fly freely; owing to lack of unanimity in the various ringing schemes, this term may sometimes mean a chick or pullus. The term 'pull.' signifies a bird ringed as a chick in the nest.

### Abbreviations used for ringing stations:

Ar.	Aranzadi, San Sebastian	Lj.	Ljubljana
B.	Budapest	Lo.	Lotos
Bo.	Bologna	M.	Moskwa
Br.	Bruxelles	P.	Paris
C.	Copenhagen	Pha.	Praha
G.	Goteborg	R.	Radolfzell
H.	Helgoland	Ro.	Rossitten
Hi.	Hiddensee	S.	Sofia
Hki.	Helsinki	Se.	Sempach
K.	Kaunas	St.	Stockholm
L.	Leiden	V.	Varsovia
Lon.	London	Z.	Zagreb

CORMORANT		<i>Phalacrocorax carbo</i>		MARGUN
Ro.	pull.	28. 5.33	Pulitz: 54.25 N, 13.20 E; E. GERMANY.	
B30118	/?/	5.11.33	St. Paul's Bay: 35.57 N, 14.25 E.	
Hi.	pull.	27. 5.65	Niederhof: 54.15 N, 13.12 E. (Rostock), E. GERMANY.	
201907	+	8.11.68	Marsaxlokk: 35.49 N, 14.33 E.	
NIGHT HERON		<i>Nycticorax nycticorax</i>		KWAKKA
B.	juv.	2. 7.12	Haros: 47.23 N, 19.02 E, HUNGARY.	
372	+	14.10.12	Senglea: 35.53 N, 14.31 E.	
M.	(?)	22. 7.29	Astrakhan Reserve: 46.20 N, 48.55 E, U.S.S.R.	
D1042	/?/	19. 9.29	Ccmimo: 36.00 N, 14.19 E.	
B.	pull.	28. 5.25	Kisbalaton: 46.40 N, 17.15 E, HUNGARY.	
29801	+	0. 0.30	Zejtun: 35.51 N, 14.32 E.	
B.	pull.	20. 7.51	ibidem.	
1958	+	7.10.51	Zabbar: 35.52 N, 14.32 E.	
Z.	pull.	7. 7.54	Kumand NoviSad: 45.16 N, 19.49 E, YUGOSLAVIA.	
C201541	+	17. 5.55	Msida: 35.54 N, 14.29 E.	
Z.	pull.	20. 7.57	Obedska bara: 44.03 N, 20.05 E, YUGOSLAVIA.	
C205589	( )	c.30.10.57	Nadur: 30.03 N, 14.17 E. (Gozo)	
Z.	juv.	9. 6.60	Dravica Bilje: 45.37 N, 18.43 E, YUGOSLAVIA.	
C206043	+	0. 9.61	Luqa: 35.51 N, 14.30 E.	
Z.	pull.	27. 6.57	Carska bara: 45.20 N, 20.26 E, YUGOSLAVIA.	
C201955	+	7. 4.62	Mosta: 35.55 N, 14.26 E.	

S.	juv.	10. 6.63	Srebarna: 44.07 N, 27.05 E, BULGARIA.	
30351	+	18. 9.63	Mosta 35.55 N, 14.26 E.	
Z.	pull.	23. 6.65	Carska bara: 45.20 N, 20.26 E, YUGOSLAVIA.	
C224439	( )	14.10.65	Naxxar: 35.55 N, 14.27 E.	
Z.	pull.	1. 4.66	ibidem.	
C226363	+	10.10.66	Gudja: 35.51 N, 14.30 E.	
Z.	pull.	12. 7.68	Krapje Dol: 45.18 N, 16.50 E. (Hrvatska), YUGOSLAVIA.	
C223079	+	26.10.68	Malta.	
Ar	(?)	30. 6.63	Toledo: c. 39.40 N, 04.50 W, SPAIN.	
E-0626	+	1. 4.69	Malta.	
Z.	pull.	23. 6.70	Krapje Dol: 45.18 N, 16.50 E. (Hrvatska), YUGOSLAVIA.	
C234550	+	0. 9.70	Malta.	
SQUACCO HERON		<i>Ardeola ralloides</i>		AGRETT ISFAR
B.	pull.	29. 6.13	Ujvidek-Novisad: 45.16 N, 19.49 E, YUGOSLAVIA.	
4234	( )	13. 9.13	Malta.	
Z.	pull.	19. 6.66	Carska Bara: 45.20 N, 20.26 E, (Vojvodina), YUGOSLAVIA.	
C226625	+	0. 4.68	Marsaxlokk: 35.49 N, 14.33 E.	
LITTLE EGRET		<i>Egretta garzetta</i>		AGRETT ABJAD
P.	pull.	30. 7.68	Lac de Tunis: 36.52 N, 10.18 E. (Tunis), TUNISIA.	
CA5076	+	31. 3.70	Mellieha: 35.58 N, 14.21 E.	
GREY HERON		<i>Ardea cinerea</i>		RUSSETT GRIZ
S.	pull.	23. 6.29	Karabogas: 41.28 N, 25.00 E, BULGARIA.	
205	+	20.10.29	Malta.	
PURPLE HERON		<i>Ardea purpurea</i>		RUSSETT AHMAR
B.	pull.	4. 6.31	Kisbalaton: 46.40 N, 17.15 E, HUNGARY.	
67978	+	3.12.33	Malta.	
B.	pull.	18. 6.51	Gardony: 47.10 N, 18.32 E, HUNGARY.	
1904	+	14. 9.51	Valetta: 35.54 N, 14.31 E.	
L.	pull.	2. 7.55	Ncoorden: 52.10 N, 04.50 E, HOLLAND.	
51202	+	8. 4.57	Xghajra: 35.53 N, 14.32 E.	
M.	juv.	9. 7.57	Primorsko Akhtarsk: 46.03 N, 38.09 E, U.S.S.R.	
B49713	+	11. 4.61	Nadur: 36.02 N, 14.18 E. (Gozo)	
GLOSSY IBIS		<i>Plegadis falcinellus</i>		VELLERAN
B.	pull.	24. 6.12	Kisbalaton: 46.40 N, 17.15 E, HUNGARY.	
1890	/?/	10. 5.22	Kalkara: 35.53 N, 14.32 E.	
OSPREY		<i>Pandion haliaetus</i>		ARPA
St.	pull.	13. 6.43	Granholmen: 59.22 N, 17.26 E, SWEDEN.	
R1327	+	1.10.43	S.E. Coast: c.35.55 N, 14.27 E.	

St. R2230	pull. +	30. 6.46 6.10.46	Hagskar: 59.19 N, 17.20 E, SWEDEN. Marsaxiokk: 35.49 N, 14.33 E.
St. R3040	pull. +	4. 7.50 22.11.50	Langoren: 59.21 N, 17.23 E, SWEDEN. Gnejna Bay: 35.55 N, 14.20 E.
G. E7328	pull. +	7. 7.59 5.10.63	Laggerudholmarna: 59.01 N, 11.52 E, (Dalsland), SWEDEN. Marsaxiokk: 35.49 N, 14.33 E.
Hki. M686	pull. +	24. 6.62 6. 4.65	Korpilahti: 62.02 N, 25.34 E, FINLAND. Salina: 35.57 N, 14.26 E.
Hki. M1924	pull. +	6. 7.65 25. 9.65	Padasjoki: 61.21 N, 25.07 E, FINLAND. Zabbar: 35.52 N, 14.32 E.
Hki. M3758	pull. +	15. 7.69 14. 9.69	Ansiolenti: c.61.23 N, 24.36 E, (Hame), FINLAND. Zabbar: 35.52 N, 14.32 E.
Hki. M4893	pull. +	12. 7.68 2. 4.70	Haltia: 61.23 N, 24.36 E, (Hame), FINLAND. Bahar ic-Caghaq: 35.56 N, 14.27 E.
HONEY BUZZARD			<i>Pernis apivorus</i> KUCCARDA
St. 7368	pull. +	29. 7.25 5. 6.27	Gustavsstrom: 60.04 N, 14.14 E, SWEDEN. Mqabba: 35.50 N, 14.28 E.
St. 7388	pull. +	28. 7.22 29. 9.22	ibidem. Gharghur: 35.55 N, 14.27 E.
G. D44732	juv. +	28. 7.57 2.10.57	Lysegarden: 57.55 N, 12.01 E, SWEDEN. Zabbar: 35.52 N, 14.32 E.
Hki. D16110	pull. +	1. 8.58 c.15.10.60	Stromfors Bruk: 60.32 N, 26.28 E, FINLAND. Siggiewi: 35.50 N, 14.26 E.
V. C27102	pull. +	22. 7.67 21. 9.67	Radziadz: 51.30 N, 16.57 E, POLAND. St. Paul's Bay: 35.57 N, 14.23 E.
Hl. 313958	pull. +	24. 8.70 7.10.70	Leippe/Hoyerswerda, E. GERMANY. Mtarfa: 35.53 N, 14.24 E.
BLACK KITE			<i>Milvus migrans</i> ASTUN ISWED
Se. 953787	pull. +	11. 6.37 5. 9.37	Monte Caprino: 46.00 N, 09.05 E, SWITZERLAND. Victoria: 36.02 N, 14.13 E, (Gozo).
BUZZARD			<i>Buteo buteo</i> KUCCARDA PRIMA
K. C221	juv. +	18. 7.34 15.10.34	Balbieriskis: 54.31 N, 23.53 E, LITHUANIA. Malta.
PALLID HARRIER			<i>Circus macrourus</i> BUGHADAM ABJAD
H. 301901	ad. +	22. 4.28 1. 4.29	Serpilor Is.: 45.15 N, 30.15 E, ROUMANIA. Mtahleb: 35.53 N, 14.21 E.
MARSH HARRIER			<i>Circus aeruginosus</i> BUGHADAM AHMAR
Hki. D17496	juv. + (F)	21. 6.60 12. 4.61	Sauvo Tapila: 60.19 N, 22.40 E, FINLAND. Qormi: 35.53 N, 14.28 E.
Hki. H29910	pull. + (M)	20. 6.60 7. 4.65	Pori: 61.31 N, 21.46 E, FINLAND. Dwejra: 36.03 N, 14.16 E, (Gozo).

HOBBY			<i>Falco subbuteo</i> SEQER TAL-HANNIEQA
R. E26077	pull. +	2. 8.58 28. 9.58	Klaffenbach: 50.46 N, 12.55E, E. GERMANY. St. Julian's: 35.55 N, 14.29 E.
R. E29576	pull. +	6. 8.57 2.10.62	Leutewitz: 51.17 N, 13.23 E, E. GERMANY. St. Julian's: 35.55 N, 14.29 E.
H. 5092815	ad. +	28. 8.64 c.16.10.65	Lengfeld: 49.50 N, 08.55 E. (Hessen), W. GERMANY. Rabat: 35.53 N, 14.24 E.
KESTREL			<i>Falco tinnunculus</i> SPANJULETT
S. C11294	pull. /?/	0. 8.33 5. 4.35	Harmanli: 41.54 N, 25.54 E, BULGARIA Mdina: 35.53 N, 14.24 E.
Hki. C46526	juv. +	22. 7.55 18.10.55	Antiala: 61.13 N, 24.20 E, FINLAND. Buskett: 35.51 N, 14.26 E.
Hki. C49751	pull. ( )	7. 7.55 26.10.56	Osterhankmo: 63.14 N, 21.56 E, FINLAND. Gzira: 35.54 N, 14.29 E.
P. FA3800	juv. +	11. 4.56 0.4/5.66	El Haouraria: 37.05 N, 11.02 E, (Cap Bon), TUNISIA. Guardamangia: 35.53 N, 14.30 E.
P. FB2042	ad. + (F)	24. 3.62 3.11.62	ibidem. Qormi: 35.53 N, 14.28 E.
P. GT8450	ad. +	4. 5.63 14. 5.63	ibidem. Zabbar: 35.53 N, 14.32 E.
P. FB2356	imm. + (M)	6. 5.62 4.10.63	ibidem. Rabat: 35.53 N, 14.24 E.
P. FD8643	juv. + (M)	9. 5.64 11. 5.64	ibidem. Zabbar: 35.53 N, 14.32 E.
P. EX8122	imm. M +	15. 5.65 27. 3.67	ibidem. Qala: 36.02 N, 14.19 E, (Gozo).
P. FS6395	ad. M +	31. 3.66 30. 3.67	ibidem. Xaghra: 36.01 N, 14.16 E, (Gozo).
P. FT1046	imm. M +	9. 4.66 1. 4.68	ibidem. Siggiewi: 35.50 N, 14.26 E.
P. FS6547	ad. M +	4. 4.66 8.11.69	ibidem. Marsa: 35.53 N, 14.30 E.
QUAIL			<i>Coturnix coturnix</i> SUMMIENA
B. 58431	ad. +	24. 6.30 11. 9.31	Domso: 47.07 N, 19.01 E, HUNGARY. Malta.
Bo. A72430	ad. +	1. 6.39 27. 9.39	Udine: 46.03 N, 13.14 E, ITALY. Malta.
Bo. Ana20904	ad. +	12. 5.48 16.10.48	Largo Castello: 44.48 N, 11.38 E, ITALY. Gudja: 35.51 N, 14.31 E.
Bo. Ana13376	ad. +	6. 5.48 30. 4.49	La Spezia: 44.06 N, 09.50 E, ITALY. Malta.

Bo. Ana212864	ad. +	10. 5.49 2. 4.50	Varzi: 44.19 N, 09.11 E, ITALY. (Gozo), Malta.
Bo. Ana238376	ad. +	18. 5.50 15. 9.50	Reggio Emilia: 44.42 N, 10.39 E, ITALY. Malta.
Bo. Ana255598	ad. +	8. 5.50 20. 4.51	Mortara: 45.14 N, 08.43 E, ITALY. (Gozo), Malta.
Bo Ana299344	ad. +	30. 4.51 0.11.51	Catania: 37.31 N, 15.05 E, SICILY. Malta.
Bo. GEQ19421	ad. +	28. 5.51 0. 9.51	Genoa: 44.25 N, 08.55 E, ITALY. Malta.
Bo Ana315355	ad. +	8. 5.51 5.10.51	Lucca: 43.51 N, 10.81 E, ITALY. Gadja: 35.51 N, 14.31 E.
Bo. Ana411149	ad. +	1. 5.53 23. 9.53	Bergamo: 45.42 N, 09.41 E, ITALY. Malta.
Bo GEQ25333	ad. +	24. 4.52 1.11.53	Genoa: 44.25 N, 08.55 E, ITALY. Mgarr: 35.55 N, 14.22 E.
P. GA 3867	ad. ( )	2. 4.55 19.11.55	El Haouraria: 37.05 N, 11.02 E, (Cap Ben), TUNISIA. Bingemma: 35.54 N, 14.22 E.
Bo 847058	ad. +	8. 5.61 0. 4.63	Ravenna: 44.25 N, 12.11 E, ITALY. Zebbug: 36.04 N, 14.14 E, (Gozo).
Bo. 810573	ad. +	23. 5.60 0. 0.64	Catania: 37.30 N, 15.05 E, SICILY. Malta.
Bo. Ana932708	(?) ( )	10. 5.64 8. 5.65	Modena: 44.38 N, 10.55 E, ITALY. Nadur: 36.02 N, 14.17 E., (Gozo).
RINGED PLOVER Pha. R12165	ad. +	9. 9.47 24. 9.47	<i>Charadrius hiaticula</i> MONAKELLA PRIMA Lednice: 48.46 N, 16.43 E, CZECHOSLOVA- KIA. Sliema: 35.58 N, 14.25 E.
Hki. P47475	ad. +	4. 8.62 8. 9.62	Luvia: 61.29 N, 21.21 E, (Sappi), FINLAND. Birkirkara: 35.50 N, 14.30 E.
SPOTTED REDSHANK Lon. DS08187	ad. +	16. 7.66 19. 4.68	<i>Tringa erythropus</i> CUVETT Kemley Marsh: 51.23 N, 00.43 E (Kent), ENGLAND. Salina: 35.57 N, 14.25 E.
REDSHANK P. GH83629	imm. +	31. 8.68 16. 9.69	<i>Tringa totanus</i> PLUVEROTT Rades: 36.52 N, 10.58 E, TUNISIA. Salina: 35.57 N, 14.25 E.
WOOD SANDPIPER St. 539387	ad. +	12. 8.60 24. 4.64	<i>Tringa glareola</i> PESPUS TAL-BAHAR Osterlovsta: 60.31 N, 17.43 E, SWEDEN. Ghadira: 36.02 N, 14.12 E, (Gozo).

SNIBE Pha. K270755	juv. +	13. 9.68 18. 3.69	<i>Gallinago gallinago</i> BEKKAČČ Lednice: 48.48 N, 16.48 E. (Breclav), CZE- CHOSLOVAKIA. Victoria: 36.02 N, 14.13 E, (Gozo).
MEDITERRANEAN GULL M. E169149	juv. /?/	2. 7.49 2. 1.50	<i>Larus melanocephalus</i> GAWWIJA RASHA SEWDA Orlov Isles: 46.17 N, 31.45 E. (Tendrovski' Bay), U.S.S.R. Marsa: 35.32 N, 14.30 E.
M. E171177	juv. /?/	2. 7.49 16. 1.50	ibidem. Malta.
M. E176999	juv. /?/	2. 7.49 16. 1.50	ibidem. Malta.
M. E171187	juv. /?/	2. 7.49 0. 2.50	ibidem. Malta.
M. E201022	juv. /?/	2. 7.49 0. 2.50	ibidem. Malta.
M. E292544	juv. /?/	29. 6.53 28. 5.54	ibidem. Malta.
M. E369028	juv. /?/	4. 7.54 30. 1.55	ibidem. Sliema: 35.58 N, 14.25 E.
M. E400424	juv. +	29. 6.56 c.15.11.56	ibidem. Malta.
M. E399625	juv. ( )	29. 6.56 15.12.56	ibidem. Malta.
M. E427957	juv. +	28. 6.56 15.12.56	ibidem. Burmarrad: 35.55 N, 14.25 E.
M. E294210	juv. +	29. 6.53 0. 0.56	ibidem. Malta.
M. E399062	juv. /?/	29. 6.56 5. 1.57	ibidem. Malta.
M. E356698	juv. /?/	24. 6.54 18. 4.57	ibidem. Valletta: 35.54 N, 14.31 E.
M. E518639	juv. x	28. 6.58 5. 1.59	ibidem. Malta.
M. E366105	juv. +	4. 7.54 autumn 59	ibidem. Qormi: 35.52 N, 14.29 E.
M. D391435	juv. /?/	17. 6.59 22. 2.60	ibidem. Cerradinc: 35.53 N, 14.31 E.
M. E662396	juv. ( )	10. 6.65 30.10.65	ibidem. c. 1 mile off south coast of Gozo.
M. E662607	juv. ( )	10. 7.65 2.11.65	ibidem. c. 6 mile off N.W. coast of Malta.

M.	juv.	10. 7.65	ibidem.
E662443	+	0. 4.66	Malta.
M.	juv.	10. 7.69	ibidem.
M146762	x	0. 1.70	cff Valletta: c. 35.55 N, 14.30 E.
BLACK-HEADED GULL <i>Larus ridibundus</i> GAWWIJA RASHA KANNELLA			
B.	pull.	28. 5.14	Lake Velence: 47.11 N, 18.34 E, HUNGARY.
5358	/?/	10.12.15	Malta.
B.	pull.	14. 6.14	ibidem.
5573	/?/	0.12.15	Malta.
Lo.	juv.	29. 5.28	Voitelsbrunn: 48.47 N, 16.42 E, CZECHO-SLOVAKIA.
S1599	/?/	25. 2.29	Malta.
Lo.	juv.	8. 6.29	ibidem.
S2423	/?/	21. 4.30	Cospicua: 35.53 N, 14.31 E.
Hki.	juv.	1. 6.30	Vik: 60.12 N, 25.00E, FINLAND.
C9171	x	4. 9.30	Valletta: 35.54 N, 14.31 E.
Hki.	juv.	9. 6.31	ibidem.
C12262	+	1. 1.32	Paola: 35.52 N, 14.30 E.
Riga	juv.	21. 6.35	Lake Babit: 56.55 N, 23.45 E, LATVIA.
67627	/?/	23.12.35	Malta.
R.	juv.	4. 6.52	Eschenbach: 49.45 N, 11.50 E, W.GERMANY.
E11025	+	25.11.52	Kalkara: 35.53 N, 14.32 E.
R.	pull.	5. 7.49	Federsee: 48.05 N, 09.38 E, W. GERMANY.
E2369	+	summer 54	Malta.
B.	pull.	9. 6.54	Retszilas, HUNGARY.
30831	+	23. 2.55	Malta.
Z.	juv.	16. 6.63	Jelas polje: 45.09 N, 18. 01 E, YUGOSLAVIA.
B408822	+	14. 1.64	Mosta: 35.55 N, 14.26 E.
P.	(?)	28. 5.66	Forz: c.45.45 N, 04.10 E, (Loire), FRANCE.
FT2519	x	1. 1.67	Floriana: 35.54 N, 14.31 E.
Hki.	pull.	17. 6.68	Saarloisjaru: 61.09 N, 24.02 E, (Hame), FINLAND.
S049009	()	c.7 1.69	St. Paul's Bay: 35.57 N, 14.23 E.
LESSER BLACK-BACKED GULL <i>Larus fuscus</i> GAWWIJA DAHRHA ISWED			
G.	pull.	4. 7.36	Yttre Flackholmen: 57.32 N, 11.52 E, SWEDEN.
D26086	()	0. 4.37	Birkirkara: 35.54 N, 14.28 E.
G.	juv.	7. 7.37	ibidem.
D30540	+	0. 1.38	S.E. coast: c. 35.56 N, 14.26 E.
G.	pull.	25. 6.58	Lilla Karlso: 57.19 N, 18.03 E, SWEDEN.
D45526	+	22.10.58	Gharghur: 35.55 N, 14.27 E.
Hki.	pull.	21. 6.64	Vitharun: 60.00 N, 22.07 E, FINLAND.
H56641	x	12. 2.65	Valletta: 35.56 N, 14.27 E.

CASPIAN TERN		<i>Hydroprogne tschegrava</i> CIRLEWWA PRIMA	
Hki.	pull.	25. 6.57	Havenor: 60.15 N, 26.25 E, FINLAND.
H24610	+	10.11.57	Birkirkara: 35.54 N, 14.28 E.
Hki.	pull.	30. 6.64	Luvia: 61.25 N, 21.20 E, FINLAND.
H38657	+	20.10.64	Gzira: 35.50 N, 14.30 E.
SANDWICH TERN		<i>Sterna sandvicensis</i> CIRLEWWA TAX-XITWA	
M.	juv.	22. 7.53	Orlov Isles: 46.17 N, 31.45 E, U.S.S.R.
E311283	()	26.11.53	Malta.
COLLARED DOVE		<i>Streptopelia decaocto</i> GAMIEMA TAL-KULLAR	
Z.	juv.	15. 6.63	Backi Petrovac: 45.23 N, 19.27 E, YUGOSLAVIA.
B411582	+	8. 5.64	Zurrieq: 35.50 N, 14.29 E.
TURTLE DOVE		<i>Streptopelia turtur</i> GAMIEMA	
Bo.	ad.	2. 5.33	Puggia: 44.24 N, 08.59 E, ITALY.
2123	+	29. 4.34	Wied Qirda: 35.52 N, 14.27 E.
V.	pull.	19. 5.51	Jasien: 51.51 N, 19.51 E, POLAND.
E38794	+	23. 4.52	Paola: 35.52 N, 14.30 E.
P.	ad.	30. 4.55	TUNISIA
GA6668	+	18. 5.58	Gudja: 35.51 N, 14.31 E.
P.	ad.	24. 3.59	El Haouraria: 37.05 N, 11.02 E, (Cap Bon), TUNISIA.
FB1559	+	13. 5.61	Malta.
R.	pull.	5. 7.59	Grossrugeln: 51.20 N, 13.14 E, GERMANY.
ET462	()	20. 4.62	Victoria: 36.02 N, 14.13 E, (Gozo).
R	pull.	10. 6.61	Knappenrode: 51.24 N, 14.20 E, GERMANY.
E54605	+	21. 4.62	Victoria: 36.02 N, 14.13 E, (Gozo).
Bo.	(?)	15. 5.60	Cattolica; (Forli), ITALY.
F59826	+	11. 5.62	Mosta: 35.55 N, 14.26 E.
Pha.	(?)	16. 7.63	Srbsko: 49.56 N, 14.08 E, (Biroun) CZECHO-SLOVAKIA.
H25907	()	1. 5.64	L-Ahrax Pt.: 35.59 N, 14.21 E.
Pha.	ad.	18. 8.64	Prague: 50.07 N, 14.23 E, CZECHOSLOVAKIA.
H22099	()	c.12. 5.65	Zejtun: 35.51 N, 14.32 E.
P.	(?)	29. 5.64	Changi-sur-Marne: 48.58 N, 03.02 E, FRANCE.
GT7159	+	28. 4.66	Mgarr: 35.55 N, 14.22 E.
Bo.	(?)	13. 5.67	Misano Mare: 43.58 N, 12.44 E, (Forli), ITALY.
F121200	+	26. 4.68	Munxar: 36.01 N, 14.13 E, (Gozo).
St.	(?)	30. 4.68	Capri: 40.33 N, 14.15 E, ITALY.
6048400	()	28. 4.69	Malta.

Bo.	(?)	24. 4.68	Misano Mare: 43.59 N, 12.41 E, (Forli), ITALY.
F121598	+	3. 5.69	Marsalforn: 36.04 N, 14.16 E, (Gozo).
CUCKOO			<i>Cuculus canorus</i> DAQQUQA KAHLA
Ro.	(?)	1940 or 1941	Leipzig: 51.20 N, 12.20 E, E. GERMANY.
E146013	+	0. 0.44	Xaghra: 36.05 N, 14.17 E, (Gozo)
P.	ad.	15. 4.56	El Haouaria: 37.05 N, 11.02 E, TUNISIA.
GA7311	+	(M) 10. 4.57	(Gozo), Malta
Lon.	juv.	29. 7.64	Gibraltar Pt. 53.06 N, 00.21 E, (Skægness), ENGLAND.
2036452	+	4. 5.65	Mellieha: 35.58 N, 12.22 E.
H.	pull.	2. 9.63	Helgoland: 51.11 N, 07.55 E, W. GERMANY.
6201420	+	15. 4.66	Xaghra: 36.05 N, 14.17 E, (Gozo)
SHORT-EARED OWL			<i>Asio flammeus</i> KOKKA TAX-XAGHRI
Lon.	juv.	16. 5.33	Hickling: 52.45 N, 01.35 E, ENGLAND.
AK818	( )	24.10.34	Gelmus: 36.03 N, 14.14 E, (Gozo).
SCOPS OWL			<i>Otus scops</i> KOKKA
P.	ad.	24. 4.55	El Haouaria: 37.05 N, 11.02 E, TUNISIA.
FA8672	/?/	19. 9.55	Malta.
P.	ad.	23. 4.55	ibidem.
GA4385	+	c.26.11.55	Malta.
P.	ad.	2. 5.55	ibidem.
FA 8855	+	c.26. 3.60	Gudja: 35.51 N, 14.31 E.
P.	(?)	1. 4.68	Oued el Abi: 36.54 N, 10.44 E, (Cap Bon), TUNISIA.
FT1449	+	20.10.68	Qormi: 35.52 N, 14.29 E.
NIGHTJAR			<i>Caprimulgus europaeus</i> BUQRAJQ
C.	(?)	11. 5.59	Saltholm: 55.38 N, 12.46 E, DENMARK.
784525	+	21. 4.60	Gharghur: 35.55 N, 14.27 E.
KINGFISHER			<i>Alcedo atthis</i> GHASFUR TA' SAN MARTIN
Pha.	juv.	30. 7.49	Vizovice: 49.13 N, 17.41 E, CZECHOSLOVAKIA.
R18910	+	29. 9.49	St. Paul's Bay: 35.57 N, 14.25 E.
ROLLER			<i>Coracias garrulus</i> FARRUG
P.	(?)	7. 5.64	El Haouaria: 37.05 N, 11.02 E, TUNISIA.
FT1255	+	15. 5.67	Birkirkara: 35.53 N, 14.29 E.
HOOPOE			<i>Upupa epops</i> DAQQUQA TAT-TOPPU
V.	ad.	30. 5.36	Wilanow: 50.15 N, 25.18 E, POLAND.
F106110	+	27. 3.38	Malta.
B.	juv.	23. 6.59	Godollo: 47.34 N, 19.22 E, HUNGARY.
92686	+	0. 4.63	Xghajra: 35.53 N, 14.31 E.
WRYNECK			<i>Jynx torquilla</i> BULEBBIET
Hki.	pull.	21. 6.67	Tervalampi: 60.20 N, 24.25 E, (Uusimaa), FINLAND.
P184710	( )	13. 4.68	Qrendi: 35.50 N, 14.27 E.

SAND MARTIN			<i>Riparia riparia</i> HAWWIEFA TAX-XTUT
Hki.	(?)	30. 7.64	Saasmaki: 61.12 N, 24.03 E, (Rapola, FINLAND).
K282507	( )	30. 9.64	Buskett: 35.51 N, 14.26 E.
Lon.	juv.	17. 8.66	Llangorse Lake: 51.57 N, 03.16 W, (Brecon), ENGLAND.
HE41178	x	(1. 5.67)	Paola: 35.53 N, 14.31 E.
P.	ad.	2. 7.66	Checy: 47.54 N, 02.01 E, (Loiret), FRANCE.
670005	v	5. 5.67	Victoria: 36.03 N, 14.14 E, (Gozo).
Lon.	ad.	31. 3.67	Malamfaturi: c. 13.00 N, 14.00 E, (Lake Chad), NIGERIA.
HJ31101	v	11. 5.68	Ramla Valley: 36.03 N, 14.17 E, (Gozo).
SWALLOW			<i>Hirundo rustica</i> HUTTAFIA
Ro.	juv.	25. 6.34	Rosengarten: 52.20 N, 14.29 E, GERMANY.
G259882	/?/	5. 4.36	St. George's: 35.55 N, 14.29 E.
R.	juv.	4. 9.56	Rodolfzell: 47.44 N, 08.59 E, GERMANY.
K77434	( )	1. 5.59	Victoria: 36.03 N, 14.14 E, (Gozo).
P.	pull.	15. 7.61	Hem: 50.39 N, 03.13 E, FRANCE.
SM7928	+	23. 3.63	near Hal Far: 35.49 N, 14.32 E.
Br.	1Y	11. 9.69	Kai: 50.38 N, 03.22 E, (Hainaut), BELGIUM.
A249522	v (F)	8. 5.70	Ramla Valley: 36.04 N, 14.17 E, (Gozo).
HOUSE MARTIN			<i>Delichon urbica</i> HAWWIEFA
Pha.	pull.	18. 7.40	Plchovice: 50.03 N, 16.11 E, CZECHOSLOVAKIA.
M10506	+	19.12.46	Marsalforn: 36.04 N, 14.15 E, (Gozo).
St.	ad.	1. 7.63	Olsang: 56.13 N, 15.59 E, SWEDEN.
2085741	( )	12. 4.64	Malta.
YELLOW WAGTAIL			<i>Motacilla flava ssp.</i> ISFAR
Bo.	(?)	25. 4.59	Rimini: 44.03 N, 12.33 E, (Forli), ITALY.
H75322	( )	12. 4.60	Xlendi: 36.02 N, 14.13 E, (Gozo).
Jos	(?)	6. 3.61	Kano: 11.59 N, 08.51 E, NIGERIA.
3803	( )	26. 4.61	Gżira: 35.50 N, 14.32 E.
Hki.	(?)	3. 6.61	Hevosluoto: 61.30 N, 21.46 E, FINLAND.
K103489	( )	0. 3.62	St. Paul's Bay: 35.50 N, 14.30 E.
Jos	(?)	9. 3.61	Kano: 11.59 N, 08.51 E, NIGERIA.
3839	( )	14. 4.62	Qormi: 35.53 N, 14.27 E.
Bo	(?)	2. 5.60	Veserbella: 44.06 N, 12.32 E, ITALY.
H89805	( )	22. 9.62	Hal Far: 35.49 N, 14.31 E.
Jos	(?)	4. 1.64	Vom: 09.44 N, 08.46 E, NIGERIA.
17862	( )	12. 4.64	Malta.
Pha.	(?)	6. 9.61	Kunratice: 50.01 N, 14.30 E, CZECHOSLOVAKIA.
Z251624	( )	18. 4.64	Salina: 35.57 N, 14.26 E.

Pha.	(?)	2. 8.62	Kolin: 50.02 N, 15.12 E, CZECHOSLOVAKIA.
M424698	v	27.10.64	Ghaxaq. 35.51 N, 14.31 E.
Jos	(?)	24.12.63	Vom: 09.44 N, 08.46 E, NIGERIA.
17831	()	16. 4.65	Malta.
Jos	(?)	22. 1.65	Vom, NIGERIA.
22641	v (F)	1. 5.66	Attard: 35.54 N, 14.27 E.
Lon.	F.G.	18. 3.67	Kano: 12.00 N, 08.31 E, NIGERIA.
AX78768	v	11. 4.67	Qormi: 35.53 N, 14.27 E.
Lon.	(?)	18. 4.68	Malamfaturi: ca. 13.00 N, 14.00 E, (Lake Chad), NIGERIA.
HR44776	/?/	7. 9.68	Malta.
Bo.	(?)	9. 4.68	Porto S. Elpidio, (Ascoli Piceno), ITALY.
H307281	v	28. 9.68	Malta.
Pha.	juv.	28. 7.65	Piestany: 48.36 N, 17.49 E, CZECHOSLOVAKIA.
M499887	v	17. 4.69	Marsaskala: 35.53 N, 14.34 E.
WHITE WAGTAIL			<i>Motacilla alba</i> ZAKAK ABJAD
G	pull.	21. 7.51	Varnamo: 57.11 N, 14.02 E, SWEDEN.
A98393	v	7. 4.52	Marsaskala: 35.53 N, 14.34 E.
RED-BACKED SHRIKE			<i>Lanius collurio</i> KACCAMENDULA HAMRA
B.	pull.	25. 6.52	Budapest: 47.34 N, 18.58 E, HUNGARY.
3368	() (F)	20. 3.59	Mtahleb: 35.52 N, 14.21 E.
WOODCHAT SHRIKE			<i>Lanius senator</i> KACCAMENDULA
P.	ad.	30. 4.55	El Haouaria: 37.05 N, 11.02 E, TUNISIA.
HT3506	+	23. 4.56	Floriana: 35.54 N, 14.30 E.
SEDGE WARBLER			<i>Acrocephalus schoenobaenus</i> BAGHAL TAS-SIMAR
Pha.	ad.	16. 8.68	Zeky Pond: 49.07 N, 14.19 E, (Ceske Budecovice), CZECHOSLOVAKIA.
H572220	+	11. 9.68	Salina: 35.57 N, 14.25 E.
GREAT REED WARBLER			<i>Acrocephalus arundinaceus</i> BAGHAL PRIM
R.	ad.	20. 7.59	Neusiedl am See: 47.57 N, 16.51 E, AUSTRIA.
G113575	+	9. 4.61	Zebbug: 35.52 N, 14.27 E.
GARDEN WARBLER			<i>Sylvia borin</i> BEKKAFIK
H.	P.J.	7. 9.68	Mellum: 53.43 N, 08.09 E, (Niedersachsen), W. GERMANY.
0563943	v	21. 4.69	Ghadira: 35.58 N, 14.21 E.
PIED FLYCATCHER			<i>Ficedula hypoleuca</i> ZANZARELL ISWED
M.	juv.	22. 6.54	80 km. east of Rjazan: 54.45 N, 40.50 E, U.S.S.R.
G.274059	/?/	25. 4.55	St. Paul's Bay: 35.57 N, 14.25 E.
COLLARED FLYCATCHER			<i>Ficedula albicollis</i> ZANZARELL TAL-KULLAR
R.	ad.	6. 6.51	Haubersbronn: 48.50 N, 09.33 E, GERMANY.
H92297	v (F)	17. 5.52	ibidem.
	v	29. 5.53	ibidem.
	+	25. 4.55	east coast: c.35.56 N, 14.26 E.

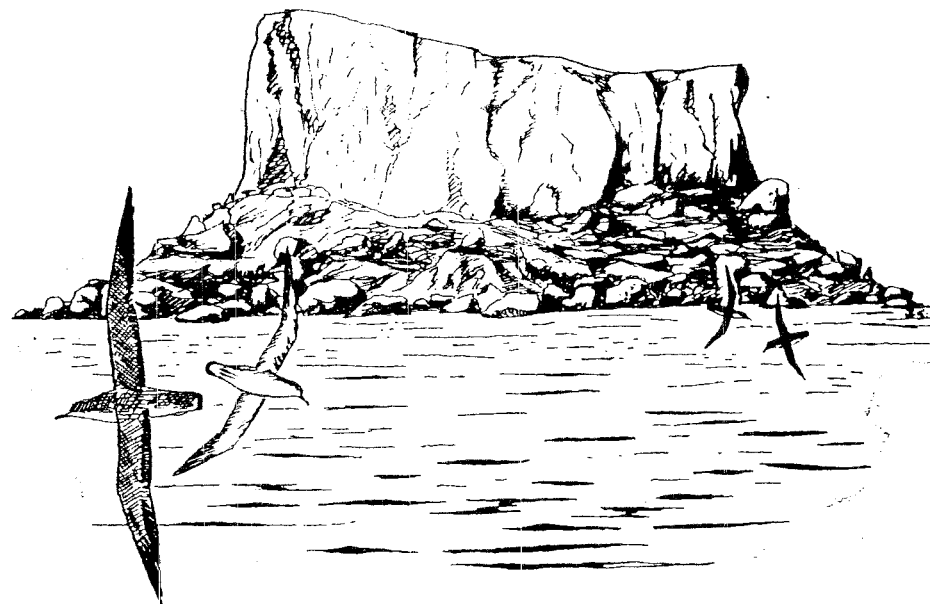
BLACK REDSTART			<i>Phoenicurus ochruros</i> KUDIROSS ISWED
V.	juv.	18. 6.49	Paprocice: 50.49 N, 21.04 E, POLAND.
G98692	+	25.10.49	Xaghra: 36.03 N, 14.16 E, (Gozo).
CHAFFINCH			<i>Fringilla coelebs</i> SPONSUN
B.	juv.	7.10.59	Budaono: 47.27 N, 18.59 E, HUNGARY.
99137	() (F)	18.10.60	Xlendi: 36.92 N, 14.13 E, (Gozo).
V.	ad.	17. 9.61	Nowa Pasleka: 50.26 N, 19.45 E, POLAND.
G231092	() (F)	10.10.61	Zebbug: 36.04 N, 14.14 E, (Gozo).
SERIN			<i>Serinus serinus</i> APPARELL
Lj	ad.	6.10.66	Jesnice: 46.26 N, 14.04 E, YUGOSLAVIA.
T7634	() (F)	22. 1.67	Ghar Lapsi: 35.50 N, 14.25 E.
GREENFINCH			<i>Carduelis chloris</i> VERDUN
Z.	ad.	23. 7.50	Stobrec: 43.30 N, 16.31 E, YUGOSLAVIA.
A143389	()	30.10.50	Kercem: 36.02 N, 14.13 E, (Gozo).
Z.	ad.	14.10.51	Split: 43.30 N, 16.27 E, YUGOSLAVIA.
A142652	/?/	11. 1.53	Malta.
SISKIN			<i>Carduelis spinus</i> EKRU
Pha.	F.G.	24.10.65	Havliberv Brod: 49.36 N, 15.35 E, CZECHOSLOVAKIA.
N128991	()	0. 2.66	Pieta: 35.53 N, 14.30 E.
M.	(?)	15. 9.66	Kaliningrad: 55.11 N, 20.49 E, U.S.S.R.
S252410	()	13.11.66	Santa Lucija: 36.03 N, 14.13 E, (Gozo).
GOLDFINCH			<i>Carduelis carduelis</i> GARDELL
Bo.	ad.	24. 9.33	Gardone: 45.37 N, 10.34 E, ITALY.
37775	+	17.11.33	Marsascala: 35.58 N, 14.34 E.
Z.	ad.	13.10.57	Zagreb: 45.49 N, 15.59 E, YUGOSLAVIA.
A190198	() (F)	25. 1.58	Victoria: 36.02 N, 14.13 E, (Gozo).
R.	juv.	7.10.59	Dittersdorf: 50.45 N, 13.01 E, GERMANY.
K222575	() (F)	5.11.59	East coast: c.35.56 N, 14.28 E.
LINNET			<i>Acanthis cannabina</i> GOJIN
B.	ad.	30.10.51	Budapest: 47.30 N, 19.02 E, HUNGARY.
4141	()	19.10.52	Birzebbugia: 35.49 N, 14.32 E.
Z.	(?)	4. 8.56	Sinj: 43.42 N, 16.27 E, YUGOSLAVIA.
A190735	/?/ (F)	14. 9.56	Victoria: 36.02 N, 14.13 E, (Gozo).
B.	pull.	22. 5.58	Budakeszi: 47.31 N, 18.56 E, HUNGARY.
78633	() (M)	17.10.58	Qormi: 35.53 N, 14.27 E.
Z.	ad.	11.10.56	Split: 43.30 N, 16.27 E, YUGOSLAVIA.
A189489	/?/ (F)	(0.11.58)	Delimara: 35.55 N, 14.34 E.
Z.	ad.	18.10.59	Stobrec: 43.30 N, 16.31 E, YUGOSLAVIA.
A329606	/?/	23.10.59	Zabbar: 35.52 N, 14.32 E.
Z.	ad.	19. 6.60	Sinj: 43.42 N, 16.38 E, YUGOSLAVIA.
A336314	() (M)	27.10.60	Zebbug: 35.53 N, 14.27 E.

R. H591967	pull. ( )	17 5.61 20.10.61	Leopoldsdorf: 48.13 N, 16.42 E, AUSTRIA. Msida: 35.54 N, 14.29 E.
Bo. H129733	(?) ( ) (F)	10. 4.61 22.10.61	San Benedetto del Tronto: 40.07 N, 13.57 E, ITALY. Ghajn Tuffieha: 35.56 N, 14.21 E.
Se. E38294	(?) ( ) (M)	8.10.61 26.10.62	Col du Pillon, SWITZERLAND. San Lawrenz: 36.03 N, 14.12 E, (Gozo).
Bo. H142199	(?) ( ) (F)	8. 4.62 15.11.62	S. Elpidio a Mare: 43.16 N, 14.21 E, ITALY. Xaghra: 36.03 N, 14.16 E, (Gozo).
Z. A342473	ad. +	0.10.61 27.12.62	Split: 43.30 N, 16.27 E, YUGOSLAVIA. Rabat: 35.53 N, 14.24 E.
R. H801919	pull. ( )	3. 7.62 14. 3.63	Apetlon: 47.45 N, 16.45 E, AUSTRIA. Floriana: 35.54 N, 14.30 E.
R. H749856	1Y ( ) (M)	24. 9.64 28. 3.65	Vienna: 18.13 N, 16.22 E, AUSTRIA. Mosta: 35.55 N, 14.26 E.
Bo. 249261	(?) ( )	7. 4.67 13.11.67	Cevita Nova Marche: 43.19 N, 13.40 E, ITALY. Mosta: 35.55 N, 14.26 E.
STARLING Pha. D179	pull. x	2. 7.36 13.10.37	<i>Sturnus vulgaris</i> STURNELL Nova Lehota: 48.44 N, 17.53 E, CZECHOSLOVAKIA. Victoria: 36.02 N, 14.13 E, (Gozo).
GOLDEN ORIOLE P. JH2743	ad. + (M)	2. 5.61 21. 4.63	<i>Oriolus oriolus</i> TAJRA SAFRA Gabes: 33.53 N, 10.04 E, TUNISIA. Mosta: 35.55 N, 14.26 E.
P. GS5365	juv. ( )	1. 5.63 27. 4.64	Draa Ben Jouder: 36.20 N, 09.54 E, TUNISIA. Wardija: 35.57 N, 14.25 E.
H. 7381420	pull. +	24. 6.63 26. 4.67	Aschersleben: 51.45 N, 11.27 E, (Halle), W. GERMANY. Qala: 36.02 N, 14.19 E, (Gozo).
St. 515761	F.G. M +	6. 5.59 15. 5.68	Capri: 40.33 N, 14.15 E, ITALY. Zebbug: 36.04 N, 14.14 E, (Gozo).

Details of the following recovered species have not yet been received from the respective ringing schemes: Kestrel (?) — Paris; Greenfinch — Praha; Greenfinch — Bologna; Greenfinch — Ljubljana; Black-headed Gull — Zagreb; Linnet — Praha; Serin — Praha; Goldfinch — Zagreb; Night Heron — Zagreb.

Details of these recoveries will appear in a future report.

Errata: Short-toed Eagle *Circaetus gallicus* should replace Bonelli's Eagle in the 'Notable Occurrences for 1966' (Malta Bird Observatory: Report for 1966 pp 10-11). The Bonelli's Eagle *Hieraetus fasciatus* has never been recorded in Malta.



## BIRD STUDIES ON FILFLA

This 'M.O.S.' publication is a survey of the sea-birds which breed on Filfla; a five-acre islet, three miles south of Malta. Filfla, which has been used as a bombing target for more than a century, is the only breeding station of the Storm Petrel in the Maltese Islands. It was the destination of many of the Society's expeditions. Copies of this publication (4s (20p) per copy) may be ordered from the Secretary.

Back numbers of II-Merill, 2s (10p) per copy, are obtainable from the Secretary.



## MALTA ORNITHOLOGICAL SOCIETY

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(a) The Society's main purpose is to initiate, foster and aid the study of avian fauna in accordance with strictly scientific methods, thereby helping to increase the sum of human knowledge on the subject.

(b) The Society solemnly affirms its belief in the Conservation of Nature and will pursue whatever actions it deems necessary to ensure adequate protection of wild-life, and to propagate these ideals in the Maltese Islands.

### *Membership:*

Members can join the Society and participate in all its activities, provided they subscribe to the aims of the Society and further undertake to propagate its views, each in his own sphere of life, thus spreading the Society's enlightened ideal and awakening a social conscience that will brook no further depredation of the living resources of Nature, especially birds.

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### *Malta Ornithological Society Ringing Group:*

The Society also has its Bird Ringing Group. This Group is engaged in studying the various aspects of Maltese Ornithology, and is staffed by qualified bird ringers holding a ringing permit from the British Trust for Ornithology. Ringing Secretary: C. Gauci, IAI Museum Road, Rabat, Malta.

\* \* \*

*The Editor welcomes articles, letters and other features bearing on any aspect of the Ornithology of the Maltese Islands and Mediterranean for publication in this Bulletin.*

*The views expressed by contributors are not necessarily those of the Editor or the M.O.S.*

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