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## EAST AFRICAN BIRD RINGING REPORT 1970-1971

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### INTRODUCTION

This report covers the period 1st July 1970 to 30th June 1971. The total number of birds ringed was 17513 (see Table 1), an increase of 3000 over the previous year's total (Backhurst 1971); however, 10630 Palearctic migrants of 61 species are included in this figure compared with only 6084 ringed during the previous year.

The full list of birds ringed is given in Table 1 where Palearctic migrants are printed in bold type; birds which are Ethiopian as well as Palearctic are printed in ordinary type. The nomenclature used follows the lists of C.M.N. White (references given in Backhurst 1970) and as these lists are regarded as the standard for the Ethiopian Region, authors' names have been omitted. One map is included in this report showing the year's recoveries outside East Africa. Previous recoveries were shown on two maps in last year's report (Backhurst 1971).

### SOME NOTES ON RINGING IN EAST AFRICA

Twenty-one ringers were operating in the three East African countries of Kenya, Uganda and Tanzania during the 1970-71 ringing year. Most ringers were in Kenya while very few were in the other two countries; a list of ringers is given on page 13.

This year's 19 Palearctic recoveries are most encouraging and should inspire those who specialize in Palearctic migrants to ring more of them. Some interesting recoveries may be mentioned: the female Ruff *Philomachus pugnax* No. B.4166 was ringed on 10th May 1970 at Lake Nakuru, Kenya when it weighed 137g, some 49 per cent above the mean winter weight (Pearson *et al.* 1970); however, in 1971 it was recovered near Nadym in the Soviet Union (over 65°N., and 72°E.) on 15th April, i.e. three weeks earlier than 10th May when, the year before, it had still been south of the equator. The European Swallow *Hirundo rustica* No. J.37100 was the first East African-ringed bird to be controlled in the U.S.S.R., by Dr E. I. Gavrilov at the Chokpak Pass in Eastern Kazakhstan; in addition, J. F. Reynolds controlled one of Dr Gavrilov's Swallows in Iringa. The Swallow continued to give the high recovery rate mentioned in last year's report (Backhurst 1971).

Pride of place for startling recoveries must go to the three non-hirundine Passerines (other than wagtails) which were recovered in the Middle East: the Kabete Reed Warbler *Acrocephalus scirpaceus* to Saudi Arabia, the Ng'iya Blackcap *Sylvia atricapilla* to Iran and the Mbale Redstart *Phoenicurus phoenicurus* to Iraq. The Redstart recovery was made

exactly one month after it had been retrapped at the ringing site. Some ringing totals of individual species are also worthy of note: 900 Little Stints *Calidris minuta* (but still no recoveries), 818 Ruff, 188 Marsh Sandpipers *Tringa stagnatilis*, 622 Striped Swallows *Hirundo abyssinica*, 2770 European Swallows, 1029 Willow Warblers *Phylloscopus trochilus*, 202 Red-chested Sunbirds *Nectarinia erythroceria* and 355 Dark-capped Bulbuls *Pycnonotus barbatus*. Twelve Palearctic species were ringed for the first time during the year, these were (with number ringed in parentheses): Pallid Harrier *Circus macrourus* (1), Spotted Crake *Porzana porzana* (1), Common Tern *Sterna hirundo* (1), Red-necked Phalarope *Phalaropus lobatus* (2), Black-tailed Godwit *Limosa limosa* (1), Whimbrel *Numerius phaeopus* (1), European Cuckoo *Cuculus canorus* (1), European Scops Owl *Otus scops* (1), European Nightjar *Caprimulgus europaeus* (1), Pied Flycatcher *Ficedula hypoleuca* (2), Chiffchaff *Phylloscopus collybita* (1), and White-throated Robin *Irania gutturalis* (3). The addition of these twelve birds has raised the number of Palearctics ringed since 1960, when the scheme started, to 79 although only 61 species were ringed in the year under review. As a final numerical exercise it is interesting to abstract those species whose grand totals top 1000; there are just ten: Little Stint, Ruff, Striped Swallow, European Swallow, African Sand Martin *Riparia paludicola*, European Sand Martin *R. riparia*, Yellow Wagtail *Motacilla flava*, Willow Warbler, Yellow-backed Weaver *Ploceus melanocephalus* and Dark-capped Bulbul.

More ringers are still needed in East Africa especially if they are experienced and, in this context, visiting ringers from overseas are especially welcome but they are reminded that the East African Scheme uses its own rings and, as the stocks held are not particularly large by European standards, those intending to visit East Africa for ringing should contact the writer as soon as their plans are finalized so that more rings can be ordered if necessary.

#### ACKNOWLEDGEMENTS

Ringers gratefully acknowledge the co-operation of the City Engineer, Nairobi for allowing them to operate at Kariobangi Sewage Works; the Director of the Kenya National Parks for permission to ring at Lake Nakuru and in Tsavo National Parks; the Director of Veterinary Services, Kenya for permission to ring on certain land at Kabete. The Society is also grateful to the Administrative Director of the National Museum, Nairobi for allowing the Museum's address to appear on the rings.

I should like to thank the East Africa Natural History Society for the grant they made towards the cost of sending me to the XV International Ornithological Congress in The Hague in September 1970.

TABLE I

## BIRDS RINGED BY THE EAST AFRICA NATURAL HISTORY SOCIETY RINGING ORGANIZATION

Palaearctic Migrants in Bold Type	1970/71	Grand Total
<i>Podiceps ruficollis</i> Little Grebe	0	1
<i>Ardeola ibis</i> Cattle Egret	0	1
<i>A. ralloides</i> Squacco Heron	0	1
<b>Ixobrychus minutus</b> Little Bittern	1	2
<i>Nycticorax nycticorax</i> Night Heron	0	1
<i>Phoenicopterus minor</i> Lesser Flamingo	0	12
<i>Platalea alba</i> African Spoonbill	0	73
<i>Threskiornis aethiopica</i> Sacred Ibis	0	7
<i>Alopochen aegyptiaca</i> Egyptian Goose	0	1
<i>Anas capensis</i> Cape Wigeon	67	235
<i>A. erythrorhynchos</i> Red-billed Duck	11	54
<i>A. hottentota</i> Hottentot Teal	1	121
<b>A. querquedula</b> Garganey	4	11
<i>A. undulata</i> Yellow-billed Duck	1	37
<i>Netta erythrophthalma</i> African Pochard	0	4
<i>Dendrocygna bicolor</i> Fulvous Tree-Duck	0	1
<i>Accipiter badius</i> Shikra	0	3
<i>A. minullus</i> Little Sparrow Hawk	0	1
<i>A. tachiro</i> African Goshawk	0	1
<b>Circus macrourus</b> Pallid Harrier	1	1
<i>Lophaetus occipitalis</i> Long-crested Eagle	0	1
<i>Milvus migrans</i> ssp. Kite	1	1
<b>M. migrans migrans</b> Black Kite	0	2
<i>Falco biarmicus</i> Lanner	2	4
<i>F. cuvieri</i> African Hobby	0	1
<b>F. subbuteo</b> Hobby	1	4
<i>Polihierax semitorquatus</i> Pigmy Falcon	0	1
<i>Coturnix coturnix</i> Quail	0	1
<i>C. delegorguei</i> Harlequin Quail	2	11
<i>Francolinus coqui</i> Coqui Francolin	1	1
<i>F. sephaena</i> Crested Francolin	1	1
<i>Fulica cristata</i> Red-knobbed or Crested Coot	0	16
<i>Gallinula chloropus</i> Moorhen	0	1
<i>Limnocorax flavirostra</i> Black Crake	1	1
<i>Porphyrio porphyrio</i> Purple Gallinule	0	2
<b>Porzana porzana</b> Spotted Crake	1	1
<i>Sarothrura elegans</i> Buff-spotted Crake	1	1
<i>S. pulchra</i> White-spotted Crake	3	3
<b>Charadrius asiaticus</b> Caspian Plover	0	1
<b>C. dubius</b> Little Ringed Plover	0	19
<b>C. hiaticula</b> Ringed Plover	18	104
<b>C. leschenaultii</b> Great Sand Plover	0	9
<i>C. marginatus</i> White-fronted Sand Plover	1	1
<b>C. mongolus</b> Mongolian Sand Plover	1	6
<i>C. pallidus</i> Chestnut-banded Sand Plover	0	100
<i>C. pecuarius</i> Kittlitz's Sand Plover	25	217
<i>C. tricollaris</i> Three-banded Plover	17	55
<i>Vanellus armatus</i> Blacksmith Plover	30	174
<i>V. coronatus</i> Crowned Lapwing	2	4
<i>V. spinosus</i> Spurwing Plover	2	16
<i>Dromas ardeola</i> Crab Plover	0	2
<i>Cursorius chalcopterus</i> Violet-tipped Courser	0	1
<i>Glareola pratincola</i> Pratincole	0	1
<i>Actophilornis africana</i> Jacana	0	1
<i>Larus cirrocephalus</i> Grey-headed Gull	1	5
<i>Sterna dougallii</i> Roseate Tern	28	28
<b>S. hirundo</b> Common Tern	1	1
<b>S. leucoptera</b> White-winged Black Tern	105	211
<b>S. nilotica</b> Gull-billed Tern	1	7
<i>S. repressa</i> White-checked Tern	3	3
<b>Phalaropus lobatus</b> Red-necked Phalarope	2	2

## Palearctic Migrants in Bold Type

	1970/71	Grand Total
<i>Himantopus himantopus</i> Black-winged Stilt	45	71
<i>Recurvirostra avosetta</i> Avocet	0	6
<i>Rhynchops flavirostris</i> African Skimmer	1	1
<i>Rostratula benghalensis</i> Painted Snipe	3	19
<b>Arenaria interpres</b> Turnstone	0	1
<b>Calidris alba</b> Sanderling	0	1
<b>C. ferruginea</b> Curlew Sandpiper	107	266
<b>C. minuta</b> Little Stint	900	3309
<b>C. subminuta</b> Long-toed Stint	0	1
<b>C. temminckii</b> Temminck's Stint	2	12
<b>Gallinago gallinago</b> Snipe	19	71
<b>G. media</b> Great Snipe	41	44
<i>G. nigripennis</i> African Snipe	2	33
<b>G. stenura</b> Pintail Snipe	0	1
<b>Limosa limosa</b> Black-tailed Godwit	1	1
<b>Numenius phaeopus</b> Whimbrel	1	1
<b>Philomachus pugnax</b> Ruff	818	2683
<b>Tringa erythropus</b> Spotted Redshank	0	1
<b>T. glareola</b> Wood Sandpiper	80	505
<b>T. hypoleucos</b> Common Sandpiper	40	170
<b>T. nebularia</b> Greenshank	2	9
<b>T. ochropus</b> Green Sandpiper	23	38
<b>T. stagnatilis</b> Marsh Sandpiper	188	568
<b>T. terek</b> Terek Sandpiper	2	6
<i>Oena capensis</i> Namaqua Dove	2	5
<i>Streptopelia capicola</i> Ring-necked Dove	31	59
<i>S. decipiens</i> Mourning Dove	3	20
<i>S. lugens</i> Pink-breasted Dove	1	1
<i>S. semitorquata</i> Red-eyed Dove	2	8
<i>S. senegalensis</i> Laughing Dove	53	65
<i>Turtur abyssinicus</i> Black-billed Blue-spotted Wood Dove	1	2
<i>T. afer</i> Blue-spotted Wood Dove	33	82
<i>T. chalcophilos</i> Emerald-spotted Wood Dove	11	34
<i>T. tympanistris</i> Tambourine Dove	16	42
<i>Centropus superciliosus</i> White-browed Coucal	6	10
<i>Ceuthmochares aereus</i> Yellow-bill	1	1
<i>Chrysococcyx caprius</i> Didric Cuckoo	20	35
<i>C. cupreus</i> Emerald Cuckoo	2	3
<i>C. klaas</i> Klaas' Cuckoo	16	24
<i>Clamator jacobinus</i> Black and White Cuckoo	2	2
<i>C. levaillantii</i> Levaillant's Cuckoo	1	1
<b>Cuculus canorus</b> Cuckoo	1	1
<i>C. clamorus</i> Black Cuckoo	1	1
<i>C. solitarius</i> Red-chested Cuckoo	2	2
<i>Tauraco hartlaubi</i> Hartlaub's Turaco	0	2
<i>Ciccaba woodfordii</i> African Wood Owl	1	3
<i>Glaucidium tephronotum</i> Red-chested Owlet	0	1
<b>Otus scops</b> Scops Owl	1	1
<i>Tyto alba</i> Barn Owl	0	1
<b>Caprimulgus europaeus</b> Nightjar	1	1
<i>C. fossii</i> Gabon Nightjar	2	9
<i>C. fraenatus</i> Dusky Nightjar	0	1
<i>C. inornatus</i> Plain Nightjar	1	1
<i>C. pectoralis</i> Fiery-necked Nightjar	1	1
<i>C. poliocephalus</i> Abyssinian Nightjar	2	3
<i>Macrodipteryx longipennis</i> Standard-wing Nightjar	0	1
<i>Apus affinis</i> Little Swift	0	162
<i>A. caffer</i> White-rumped Swift	0	4
<i>Colius macrourus</i> Blue-naped Mousebird	32	80
<i>C. striatus</i> Speckled Mousebird	25	180
<i>Alcedo cristata</i> Malachite Kingfisher	0	68
<i>Ceryle rudis</i> Pied Kingfisher	106	140
<i>Ceyx picta</i> Pigmy Kingfisher	126	251
<i>Halcyon albiventris</i> Brown-hooded Kingfisher	3	4
<i>H. helicuti</i> Striped Kingfisher	2	9
<i>H. leucocephala</i> Grey-headed Kingfisher	12	21
<i>H. malimbica</i> Blue-breasted Kingfisher	9	9

## Palearctic Migrants in Bold Type

	1970/71	Grand Total
<i>H. senegalensis</i> Northern Woodland Kingfisher	9	19
<i>H. senegaloides</i> Mangrove Kingfisher	1	1
<i>Tockus erythrorhynchus</i> Red-billed Hornbill	0	1
<i>Coracias caudata</i> Lilac-chested Roller	0	1
<b>C. garrulus</b> Roller	1	2
<i>Merops albicollis</i> White-throated Bee-Eater	19	32
<b>M. apiaster</b> Bee-Eater	0	1
<i>M. bullockoides</i> White-fronted Bee-Eater	0	6
<i>M. oreobates</i> Cinnamon-chested Bee-Eater	3	3
<i>M. pusillus</i> Little Bee-Eater	1	10
<b>M. superciliosus persicus</b> Blue-cheeked Bee-Eater	0	3
<i>M. variegatus</i> Blue-breasted Bee-Eater	11	14
<i>Phoeniculus cyanomelas</i> Scimitar-Bill	4	7
<i>P. minor</i> Abyssinian Scimitar-Bill	5	7
<i>Upupa epops africana</i> African Hoopoe	3	3
<b>U. epops epops</b> Hoopoe	0	1
<i>Bucconodon duchaillui</i> Yellow-spotted Barbet	2	2
<i>B. leucotis</i> White-eared Barbet	1	1
<i>B. olivaceum</i> Green Barbet	0	6
<i>Gymnobucco bonapartei</i> Grey-throated Barbet	0	2
<i>Lybius bidentatus</i> Double-toothed Barbet	6	18
<i>L. guisobalito</i> Black-billed Barbet	2	7
<i>L. lacrymosus</i> Spotted-flanked Barbet	27	71
<i>L. leucocephalus</i> White-headed Barbet	1	10
<i>L. leucomelas</i> Red-fronted Barbet	16	28
<i>L. melanocephalus</i> Brown-throated Barbet	0	1
<i>L. torquatus</i> Black-collared Barbet	2	2
<i>Pogoniulus bilineatus</i> Golden-rumped Tinker-Bird	15	31
<i>P. chrysoconus</i> Yellow-fronted Tinker-Bird	7	36
<i>P. leucomystax</i> Moustached Green Tinker-Bird	0	1
<i>P. pusillus</i> Red-fronted Tinker-Bird	1	4
<i>Trachyphonus darnaudii</i> d'Arnaud's Barbet	8	23
<i>T. erythrocephalus</i> Red and Yellow Barbet	0	1
<i>T. purpuratus</i> Yellow-billed Barbet	0	6
<i>Indicator conirostris</i> Thick-billed Honey-Guide	1	1
<i>I. exilis</i> Least Honey-Guide	1	1
<i>I. indicator</i> Black-throated Honey-Guide	1	13
<i>I. minor</i> Lesser Honey-Guide	7	30
<i>I. variegatus</i> Scaly-throated Honey-Guide	1	3
<i>Prodotiscus regulus</i> Wahlberg's Honey-Guide	1	1
<i>Campethera cailliautii</i> Little Spotted Woodpecker	3	4
<i>C. caroli</i> Brown-eared Woodpecker	2	2
<i>C. nivosa</i> Buff-spotted Woodpecker	2	5
<i>C. nubica</i> Nubian Woodpecker	2	14
<i>Dendropicos fuscescens</i> Cardinal Woodpecker	6	16
<i>D. poecilolaemus</i> Uganda Spotted Woodpecker	0	1
<b>Jynx torquilla</b> Wryneck	1	2
<i>Mesopicos goertae</i> Grey Woodpecker	4	12
<i>Calandrella cinerea</i> Red-capped Lark	0	1
<i>Eremopterix leucopareia</i> Fischer's Sparrow Lark	0	1
<i>Mirafra africana</i> Rufous-naped Lark	0	4
<i>M. rufocinnamomea</i> Flappet Lark	8	15
<i>Campephaga phoenicea</i> Black Cuckoo-shrike	9	19
<i>C. quiscalina</i> Purple-throated Cuckoo-Shrike	3	3
<i>Dicrurus adsimilis</i> Drongo	2	8
<i>D. ludwigii</i> Square-tailed Drongo	0	1
<i>Emberiza flaviventris</i> Golden-breasted Bunting	6	11
<i>E. tahapisi</i> Cinnamon-breasted Rock Bunting	3	5
<i>Amandava subflava</i> Zebra Waxbill	29	30
<i>Glytospiza montei</i> Brown Twinspot	3	25
<i>Cryptospiza jacksoni</i> Dusky Crimson-wing	0	2
<i>C. salvadorii</i> Abyssinian Crimson-wing	19	57
<i>C. shelleyi</i> Shelley's Crimson-wing	0	1
<i>Estrilda astrild</i> Waxbill	43	169
<i>E. atricapilla</i> Black-headed Waxbill	0	1
<i>E. bengala</i> Red-cheeked Cordon-bleau	40	119

## Palearctic Migrants in Bold Type

	1970/71	Grand Total
<i>E. cyanocephala</i> Blue-headed Cordon-bleau	0	10
<i>E. erythronotos</i> Black-cheeked Waxbill	7	17
<i>E. ianthinogaster</i> Purple Grenadier	16	36
<i>E. melanotis</i> Yellow-bellied Waxbill	4	18
<i>E. nonnula</i> Black-crowned Waxbill	14	17
<i>E. paludicola</i> Fawn-breasted Waxbill	1	32
<i>E. rhodopyga</i> Crimson-rumped Waxbill	12	37
<i>E. troglodytes</i> Black-rumped Waxbill	0	1
<i>Hypargos nitidulus</i> Green-backed Twin-spot	3	3
<i>H. niveoguttatus</i> Peters' Twin-spot	2	3
<i>Lagonosticta rhodopyreia</i> Jameson's Firefinch	6	6
<i>L. rubricata</i> African Firefinch	19	26
<i>L. rufopicta</i> Bar-breasted Firefinch	3	29
<i>L. senegala</i> Red-billed Firefinch	115	314
<i>Lonchura bicolor</i> Rufous-backed Mannikin	8	20
<i>L. cucullatus</i> Bronze Mannikin	60	272
<i>L. griseicapilla</i> Grey-headed Silverbill	0	3
<i>Nigrita canicapilla</i> Grey-headed Negro Finch	5	14
<i>Ortygospiza atricollis</i> Quail Finch	0	2
<i>Pirenestes ostrinus</i> Black-billed Seed-cracker	1	1
<i>Pytelia melba</i> Green-winged Pytilia	35	75
<i>Spermophaga ruficapilla</i> Red-headed Blue-bill	13	42
<i>Vidua chalybeata</i> Purple Indigo-Bird	15	24
<i>V. hypocherina</i> Steel-blue Whydah	0	1
<i>V. macroura</i> Pin-tailed Whydah	13	60
<i>Serinus atrogularis</i> Yellow-rumped Seed-eater	0	88
<i>S. burtoni</i> Thick-billed Seed-eater	4	15
<i>S. canicollis</i> Yellow-crowned Canary	0	18
<i>S. citrinelloides</i> African Citril	15	38
<i>S. dorsostriatus</i> White-bellied Canary	20	80
<i>S. gularis</i>	0	21
<i>S. koliensis</i> Papyrus Canary	9	46
<i>S. mozambicus</i> Yellow-fronted Canary	24	121
<i>S. striolatus</i> Streaky Seed-eater	50	137
<i>S. sulphuratus</i> Brimstone Canary	62	101
<b>Delichon urbica</b> House Martin	9	27
<i>Hirundo abyssinica</i> Striped Swallow	622	1066
<i>H. angolensis</i> Angola Swallow	42	155
<i>H. daurica</i> Red-rumped Swallow	142	444
<i>H. fuligula</i> African Rock Martin	10	17
<i>H. griseopyga</i> Grey-rumped Swallow	0	4
<b>H. rustica</b> Swallow	2770	6029
<i>H. semirufa</i> Rufous-chested Swallow	3	9
<i>H. senegalensis</i> Mosque Swallow	0	2
<i>H. smithii</i> Wire-tailed Swallow	40	160
<i>Psalidoprocne albiceps</i> White-headed Rough-wing	28	70
<i>P. pristopectera</i> Black Rough-wing	3	35
<i>Riparia cincta</i> Banded Martin	16	478
<i>R. paludicola</i> African Sand Martin	299	1353
<b>R. riparia</b> Sand Martin	99	1133
<i>Dryoscopus cubla</i> Black-backed Puff-back Shrike	9	12
<i>D. gambensis</i> Puff-back Shrike	3	12
<i>Eurocephalus anguitimens</i> White-crowned Shrike	0	1
<i>Laniarius barbarus</i> Black-headed Gonolek	21	65
<i>L. ferrugineus</i> Tropical Boubou	4	25
<i>L. funebris</i> Slate-coloured Boubou	22	26
<i>L. luehderi</i> Lühder's Bush Shrike	1	11
<i>L. mufumbiri</i> Papyrus Gonolek	0	1
<i>Lanius collaris</i> Fiscal	16	56
<b>L. collurio</b> spp. Red-backed and Red-tailed Shrikes	46	152
<i>L. excubitorius</i> Grey-backed Fiscal	2	11
<i>L. mackinnoni</i> Mackinnon's Shrike	1	1
<b>L. minor</b> Lesser Grey Shrike	0	2
<b>L. senator</b> Woodchat Shrike	0	1
<i>Malaconotus blanchoti</i> Grey-headed Bush Shrike	1	1
<i>M. doherlyi</i> Doherty's Bush Shrike	0	2
<i>M. sulfureopectus</i> Sulphur-breasted Bush Shrike	4	13

## Palearctic Migrants in Bold Type

	1970/71	Grand Total
<i>Nilaus afer</i> Northern Brubru . . . . .	1	5
<i>Prionops plumata</i> Curly-crested Helmet-Shrike . . . . .	0	3
<i>Tchagra australis</i> Brown-headed Bush Shrike . . . . .	6	44
<i>T. jamesi</i> Three-streaked Bush Shrike . . . . .	1	2
<i>T. minuta</i> Black-cap Bush Shrike . . . . .	4	27
<i>T. senegala</i> Black-headed Bush Shrike . . . . .	7	30
<b>Anthus cervinus</b> Red-throated Pipit . . . . .	0	23
<i>A. leucophrys</i> Plain-backed Pipit . . . . .	3	16
<i>A. novaeseelandiae</i> Richard's Pipit . . . . .	53	88
<b>A. trivialis</b> Tree Pipit . . . . .	24	144
<i>Macronyx croceus</i> Yellow-throated Longclaw . . . . .	8	21
<b>Motacilla alba alba</b> White Wagtail . . . . .	0	5
<i>M. alba vidua</i> African Pied Wagtail . . . . .	26	169
<i>M. capensis</i> Cape Wagtail . . . . .	0	3
<b>M. cinerea</b> Grey Wagtail . . . . .	0	2
<i>M. clara</i> Mountain Wagtail . . . . .	0	3
<b>M. flava</b> Yellow Wagtail . . . . .	3463	24132
<i>Batis capensis</i> Puff-back Flycatcher . . . . .	1	3
<i>B. minor</i> Black-headed Puff-back Flycatcher . . . . .	12	30
<i>B. molitor</i> Chin-spot Puff-back Flycatcher . . . . .	6	16
<i>B. soror</i> Mozambique Puff-back Flycatcher . . . . .	3	3
<i>Bradornis microrhynchus</i> Grey Flycatcher . . . . .	18	23
<i>B. pallidus</i> Pale Flycatcher . . . . .	0	2
<i>Empidonis semipartitus</i> Silver Bird . . . . .	0	2
<b>Ficedula hypoleuca</b> Pied Flycatcher . . . . .	2	2
<i>Hyliota flavigaster</i> Yellow-bellied Flycatcher . . . . .	0	1
<i>Melaenornis chocolatina</i> White-eyed Slaty Flycatcher . . . . .	4	31
<i>M. edoloides</i> Black Flycatcher . . . . .	14	35
<i>Muscicapa adusta</i> Dusky Flycatcher . . . . .	4	12
<i>M. aquatica</i> Swamp Flycatcher . . . . .	1	12
<i>M. caerulescens</i> Ashy Flycatcher . . . . .	1	4
<i>M. griseigularis</i> Grey-throated Flycatcher . . . . .	3	3
<b>M. striata</b> Spotted Flycatcher . . . . .	17	44
<i>Myioparus plumbeus</i> Grey Tit-Flycatcher . . . . .	0	3
<i>Platysteira blissetti</i> Jameson's Wattle-Eye . . . . .	2	30
<i>P. castanea</i> Chestnut Wattle-Eye . . . . .	3	13
<i>P. cyanea</i> Wattle-Eye . . . . .	41	71
<i>P. peltata</i> Black-throated Wattle-Eye . . . . .	0	12
<i>Terpsiphone rufiventer</i> Black-headed Paradise Flycatcher . . . . .	1	2
<i>T. viridis</i> Paradise Flycatcher . . . . .	23	62
<i>Trochocercus albonotatus</i> White-tailed Crested Flycatcher . . . . .	1	9
<i>T. longicauda</i> Blue Flycatcher . . . . .	8	13
<i>T. nigromitratus</i> . . . . .	0	20
<b>Acrocephalus arundinaceus arundinaceus</b> } Great Reed Warbler . . . . .	34	66
<b>A. arundinaceus zarudnyi</b> . . . . .		
<b>A. arundinaceus griseldis</b> Basra Reed Warbler . . . . .	0	4
<i>A. boeticatus</i> African Reed Warbler . . . . .	2	7
<i>A. gracilirostris</i> Lesser Swamp Warbler . . . . .	13	31
<b>A. palustris</b> Marsh Warbler . . . . .	16	50
<i>A. rufescens</i> Greater Swamp Warbler . . . . .	5	26
<b>A. schoenobaenus</b> Sedge Warbler . . . . .	152	443
<b>A. scirpaceus</b> Reed Warbler . . . . .	237	656
<i>Apalis cinerea</i> Grey Apalis . . . . .	1	2
<i>A. flavida</i> Black-breasted Apalis . . . . .	14	20
<i>A. pulchella</i> Buff-bellied Warbler . . . . .	4	11
<i>A. pulchra</i> Black-collared Apalis . . . . .	5	17
<i>Bathmocercus cerviniventris</i> Black-faced Rufous Warbler . . . . .	7	42
<i>Bradypterus baboecala</i> Little Rush Warbler . . . . .	1	2
<i>B. barratti</i> Evergreen Forest Warbler . . . . .	0	3
<i>B. cinnamomeus</i> Cinnamon Bracken Warbler . . . . .	0	17
<i>B. graueri carpalis</i> White-winged Warbler . . . . .	0	5
<i>Camaroptera brachyura</i> Grey-backed Camaroptera . . . . .	119	269
<i>C. chloronota</i> Olive-green Camaroptera . . . . .	2	37
<i>C. simplex</i> Grey Wren-Warbler . . . . .	9	12
<i>Chloropeta natalensis</i> Yellow Flycatcher-Warbler . . . . .	16	20
<i>C. similis</i> Mountain Yellow Flycatcher-Warbler . . . . .	0	15
<i>Cisticola brachyptera</i> Siffling Cisticola . . . . .	0	1

Palaearctic Migrants in Bold Type	1970/71	Grand Total
<i>C. brumescens</i> Pectoral-patch Cisticola	2	3
<i>C. cantans</i> Singing Cisticola	18	24
<i>C. carruthersi</i> Carruthers' Cisticola	0	15
<i>C. chiniana</i> Rattling Cisticola	28	35
<i>C. erythroptus</i> Red-faced Cisticola	41	60
<i>C. galactotes</i> Winding Cisticola	154	241
<i>C. hunteri</i> Hunter's Cisticola	9	23
<i>C. juncidis</i> Zitting Cisticola	8	9
<i>C. lateralis</i> Whistling Cisticola	0	3
<i>C. natalensis</i> Croaking Cisticola	3	26
<i>C. robusta</i> Stout Cisticola	8	34
<i>C. woosnami</i> Trilling Cisticola	6	10
<i>Eminia lepida</i> Grey-capped Warbler	34	99
<i>Eremomela icteropygialis</i> Yellow-bellied Eremomela	2	6
<b>Hippolais icterina</b> Icterine Warbler	0	3
<b>H. languida</b> Upcher's Warbler	5	7
<b>H. olivetorum</b> Olive-tree Warbler	0	1
<b>H. pallida</b> Olivaceous Warbler	25	50
<i>Hylia prasina</i> Green Hylia	13	18
<b>Locustella fluviatilis</b> River Warbler	2	7
<i>Phylloscopus budongoensis</i> Uganda Woodland Warbler	0	2
<b>P. collybita</b> Chiff-chaff	1	1
<b>P. trochilus</b> Willow Warbler	1029	1648
<i>P. umbrovirens</i> Brown Woodland Warbler	1	31
<i>Prinia bairdii</i> Banded Prinia	1	16
<i>P. leucopogon</i> White-chinned Prinia	13	36
<i>P. subflava</i> Tawny-flanked Prinia	56	110
<i>Schoenicola platyura</i> Fan-tailed Warbler	0	1
<i>Sphenoaacus mentalis</i> Moustache Warbler	6	7
<b>Sylvia atricapilla</b> Blackcap	17	150
<b>S. borin</b> Garden Warbler	145	893
<b>S. communis</b> Whitethroat	74	108
<b>S. nisoria</b> Barred Warbler	16	25
<i>Sylvietta brachyura</i> Crombec	5	18
<i>S. leucophrys</i> White-browed Crombec	1	5
<i>S. whytii</i> Red-faced Crombec	19	37
<i>Alcippe abyssinica</i> Abyssinian Hill Babbler	4	27
<i>Trichastoma albipecta</i> Scaly-breasted Illadopsis	2	26
<i>T. fulvescens</i> Brown Illadopsis	9	19
<i>T. poliothorax</i> Grey-chested Illadopsis	3	3
<i>T. pyrrhoptera</i> Mountain Illadopsis	0	5
<i>T. rufipennis</i> Pale-breasted Illadopsis	6	27
<i>Turdoides hypoleucos</i> Northern Pied Babbler	2	2
<i>T. jardinei</i> Arrow-marked Babbler	4	11
<i>T. melanops</i> Black-lored Babbler	1	7
<i>T. plebejus</i> Brown Babbler	5	44
<i>T. rubiginosus</i> Rufous Chatterer	13	14
<i>Alethe poliocephala</i> Brown-chested Alethe	26	76
<i>A. poliopteryx</i> Red-throated Alethe	0	1
<i>Cercomela sordida</i> Hill Chat	0	7
<i>Cercotrichas hartlaubi</i> Brown-backed Scrub-Robin	0	6
<i>C. leucophrys</i> Red-backed Scrub-Robin	42	81
<i>C. quadrivirgata</i> Eastern Bearded Scrub-Robin	2	7
<i>Cichladusa guttata</i> Spotted Morning Warbler	3	3
<i>Cossypha archeri</i> Archer's Robin Chat	0	1
<i>C. caffra</i> Robin Chat	12	46
<i>C. cyanocampter</i> Blue-shouldered Robin Chat	2	14
<i>C. heuglimi</i> White-browed Robin Chat	44	151
<i>C. natalensis</i> Red-capped Robin Chat	6	43
<i>C. niveicapilla</i> Snowy-headed Robin Chat	9	33
<i>C. polioptera</i> Grey-winged Robin Chat	2	9
<i>C. semirufa</i> Rüppell's Robin Chat	3	8
<b>Irania gutturalis</b> White-throated Robin	3	3
<b>Luscinia luscinia</b> Sprosser	24	39
<b>L. megarhynchos</b> Nightingale	7	14
<i>Monticola rufocinerea</i> Little Rock Thrush	0	2
<b>M. saxatilis</b> Rock Thrush	10	24



## Palearctic Migrants in Bold Type

	1970/71	Grand Total
<i>Myrmecocichla nigra</i> Soory Chat	9	10
<i>Neocossyphus poensis</i> White-tailed Ant Thrush	5	8
<b>Oenanthe isabellina</b> Isabeline Wheatear	1	6
<b>O. oenanthe</b> Wheatear	13	37
<i>O. pileata</i> Capped Wheatear	0	1
<b>O. pleschanka</b> Pied Wheatear	3	5
<b>Phoenicurus phoenicurus</b> Redstart	9	48
<i>Pogonocichla stellata</i> White-starred Bush Robin	6	58
<b>Saxicola rubetra</b> Whinchat	7	67
<i>Saxicola torquata</i> Stonechat	9	14
<i>Sheppardia aequatorialis</i> Equatorial Akalat	17	59
<i>Stizorhina fraseri</i> Rufous Flycatcher	7	7
<i>Turdus abyssinicus</i> Olive Thrush	1	109
<i>T. pelios</i> African Thrush	14	38
<i>T. piaggiae</i> Abyssinian Ground Thrush	1	6
<i>Anihreptes collaris</i> Collared Sunbird	8	33
<i>A. longuemarei</i> Uganda Violet-backed Sunbird	0	4
<i>A. orientalis</i> Violet-backed Sunbird	0	4
<i>A. rectirostris</i> Green Sunbird	1	1
<i>Nectarinia alinae</i> Blue-headed Sunbird	0	7
<i>N. amethystina</i> Amethyst Sunbird	0	1
<i>N. bifasciata</i> Little Purple Banded Sunbird	16	53
<i>N. bouvieri</i> Orange-tufted Sunbird	1	1
<i>N. chloropygia</i> Olive-bellied Sunbird	7	12
<i>N. cuprea</i> Copper Sunbird	40	139
<i>N. erythroceria</i> Red-chested Sunbird	202	393
<i>N. famosa</i> Malachite Sunbird	0	1
<i>N. kilimensis</i> Bronze Sunbird	28	93
<i>N. mariquensis</i> Mariqua Sunbird	14	119
<i>N. mediocris</i> Eastern Double-collared Sunbird	41	80
<i>N. olivacea</i> Olive Sunbird	44	105
<i>N. preussi</i> Northern Double-collared Sunbird	3	32
<i>N. pulchella</i> Beautiful Sunbird	15	103
<i>N. regia</i> Regal Sunbird	0	2
<i>N. reichenowi</i> Golden-winged Sunbird	5	8
<i>N. senegalensis</i> Scarlet-chested Sunbird	43	131
<i>N. tacazze</i> Tacazze Sunbird	0	38
<i>N. venusta</i> Variable Sunbird	42	75
<i>N. verticalis</i> Green-headed Sunbird	13	55
<i>Oriolus brachyrhynchus</i> Western Black-headed Oriole	2	2
<i>O. larvatus</i> Black-headed Oriole	0	2
<b>O. oriolus</b> Golden Oriole	5	9
<i>Parus albiventris</i> White-bellied Tit	2	9
<i>P. fringillinus</i> Red-faced Tit	6	6
<i>Remiz caroli</i> African Penduline Tit	1	1
<i>Passer emimbey</i> Chestnut Sparrow	8	20
<i>P. griseus</i> Grey-headed Sparrow	58	166
<i>P. iagoensis</i> Rufous Sparrow	1	6
<i>Petronia xanthocollis</i> Yellow-spotted Petronia	1	11
<i>Plocepasser donaldsoni</i> Donaldson-Smith's Sparrow-Weaver	0	5
<i>P. mahali</i> Stripe-breasted Sparrow-Weaver	4	24
<i>Sporopipes frontalis</i> Speckle-fronted Weaver	6	8
<i>Amblyospiza albifrons</i> Grosbeak Weaver	1	8
<i>Anomalospiza imberbis</i> Parasitic Weaver	81	91
<i>Euplectes afra</i> Yellow-crowned Bishop	1	1
<i>E. albonotatus</i> White-winged Widow Bird	33	129
<i>E. ardens</i> Red-collared Widow Bird	5	56
<i>E. axillaris</i> Fan-tailed Widow Bird	99	321
<i>E. capensis</i> Yellow Bishop	0	1
<i>E. gierowii</i> Black Bishop	3	28
<i>E. hordeaceus</i> Black-winged Red Bishop	3	41
<i>E. jacksoni</i> Jackson's Widow Bird	0	3
<i>E. macrourus</i> Yellow-mantled Widow Bird	0	18
<i>E. orix</i> Red Bishop	6	17
<i>Malimbus rubriceps</i> Red-headed Weaver	1	2
<i>M. rubricollis</i> Red-headed Malimbe	2	2

## Palearctic Migrants in Bold Type

	1970/71	Grand Total
<i>Ploceus alienus</i> Strange Weaver	0	2
<i>P. aurantius</i> Orange Weaver	8	8
<i>P. baglafecht</i> Baglafecht Weaver	46	233
<i>P. bicolor</i> Dark-backed Weaver	3	4
<i>P. bojeri</i> Golden Palm Weaver	0	1
<i>P. castanops</i> Northern Brown-throated Weaver	3	85
<i>P. cucullatus</i> Black-headed Weaver	175	510
<i>P. intermedius</i> Masked Weaver	155	326
<i>P. jacksoni</i> Golden-backed Weaver	47	362
<i>P. luteolus</i> Little Weaver	9	28
<i>P. melanocephalus</i> Yellow-backed Weaver	266	1209
<i>P. melanogaster</i> Black-billed Weaver	1	11
<i>P. nigerrimus</i> Vieillot's Black Weaver	53	62
<i>P. nigricollis</i> Black-necked Weaver	31	39
<i>P. ocularis</i> Spectacled Weaver	69	187
<i>P. pelzelni</i> Slender-billed Weaver	57	340
<i>P. rubiginosus</i> Chestnut Weaver	22	25
<i>P. spekei</i> Speke's Weaver	27	121
<i>P. subaureus</i> Golden Weaver	2	2
<i>P. superciliosus</i> Compact Weaver	0	13
<i>P. velatus</i> Vitelline Masked Weaver	0	5
<i>P. weynsi</i> Weyns' Weaver	17	17
<i>P. xanthops</i> Holub's Golden Weaver	8	35
<i>Quelea cardinalis</i> Cardinal Quelea	41	119
<i>Q. erythroptus</i> Red-headed Quelea	12	85
<i>Q. quelea</i> Red-billed Quelea	132	330
<i>Andropadus ansorgei</i> Ansorge's Greenbul	3	3
<i>A. curvirostris</i> Cameroon Sombre Greenbul	11	30
<i>A. gracilirostris</i> Slender-billed Greenbul	1	1
<i>A. importunus</i> Zanzibar Sombre Greenbul	6	18
<i>A. latirostris</i> Yellow-whiskered Greenbul	77	475
<i>A. milanensis</i> Stripe-checked Greenbul	0	2
<i>A. montanus</i> Shelley's Greenbul	2	11
<i>A. tephrolaemus</i> Olive-breasted Mountain Greenbul	1	77
<i>A. virens</i> Little Greenbul	67	102
<i>Bleda syndactyla</i> Bristle-bill	6	21
<i>Chlorocichla flavicollis</i> Yellow-throated Leaflove	14	46
<i>C. flaviventris</i> Yellow-bellied Greenbul	1	8
<i>Nicator chloris</i> Nicator	3	3
<i>Phyllastrephus albigularis</i> White-throated Greenbul	24	24
<i>P. baumanni</i> Toro Olive Greenbul	0	8
<i>P. debilis</i> Smaller Yellow-streaked Greenbul	0	3
<i>P. fischeri</i> Fischer's Greenbul	10	70
<i>P. strepitans</i> Northern Brownbul	4	11
<i>P. terrestris</i> Brownbul	0	7
<i>Pycnonotus barbatus</i> Dark-capped or Yellow-vented Bulbul	355	1617
<i>Buphagus erythrorhynchus</i> Red-billed Oxpecker	0	2
<i>Cinnyricinclus leucogaster</i> Violet-backed Starling	1	37
<i>Creatophora cinerea</i> Wattled Starling	10	39
<i>Lamprotornis caudatus</i> Rüppell's Long-tailed Glossy Starling	5	13
<i>L. chalybaeus</i> Blue-eared Glossy Starling	2	6
<i>L. chloropterus</i> Lesser Blue-eared Glossy Starling	0	2
<i>L. corruscus</i> Black-breasted Glossy Starling	4	4
<i>Spreo hildebrandti</i> Hildebrandt's Starling	16	17
<i>Spreo superbus</i> Superb Starling	2	21
<i>Zosterops abyssinica</i> Yellow White-eye	41	64
<i>Z. senegalensis jacksoni</i> Green White-eye	0	92
<i>Z. senegalensis kikuyuensis</i> Kikuyu White-eye	18	65
<i>Z. senegalensis kulalensis</i> Kulal White-eye	0	4
<b>TOTAL BIRDS RINGED</b>	<b>17437</b>	<b>68256</b>
<b>TOTAL SPECIES RINGED</b>	<b>386</b>	<b>520</b>
<b>TOTAL PALEARCTIC BIRDS RINGED</b>	<b>10630</b>	<b>44139</b>
<b>TOTAL PALEARCTIC SPECIES RINGED</b>	<b>61</b>	<b>79</b>

TABLE 2

## RECOVERIES AND CONTROLS OF BIRDS RINGED IN EAST AFRICA

*Key to symbols and terms*

Ring number	:	—	where this is in italics the ring has been returned.
Age	:	f.g.	— full grown, age uncertain;
		ad.	— adult;
		pull.	— young, not able to fly freely;
		juv.	— juvenile, able to fly freely.
Sex	:	♂	— male;
		♀	— female.
Manner of recovery	:	+	— shot or killed by man;
		×	— found dead or dying;
		xA	— found long dead;
		/?/	— manner of recovery unknown;
		v	— caught or trapped alive and released with ring (control);
		o	— caught or trapped alive and not released, or released with ring removed.
Date of recovery	:	—	given in the order: day, month, year. If the date is unknown, the date of the reporting letter is given in parentheses.
Distance (km)	:	—	only given for recoveries within East Africa.
Elapsed time	:	—	given in the form, years: months: days, thus 1:2:9 signifies 1 year 2 months and 9 days after ringing.

**Anas erythrorhynchos Red-billed Duck**

Z. 0252	ad.	22. 3.71	Arusha National Park, Tanzania 3°13'S., 36°54'E. JSSB.
	+	4. 4.71	Salt Pans, Dutch Corner, Sanya Juu, Tanzania 3°09'S., 37°01'E., c. 15km NE, 0:0:14. Miss J. Goodman.
Z. 0258	ad.	22. 3.71	ringing and recovery details as above.
Z. 0259	ad.	22. 3.71	Arusha National Park, Tanzania. JSSB.
	+	24. 5.71	Ngaserai Controlled Area, Tanzania, just outside the Park boundary, 0:2:3. R.E. Redhead.

**Anas hottentota Hottentot Teal**

D. 0918	ad.	23.11.68	Lake Nakuru, Kenya 0°20'S., 36°06'E. GCB.
	+	30. 9.71	OI Bolossat, Kenya 0° 09'S., 36°26'E., 45km NE, 2:10:8. Mr. Baxendale.
D.0945	f.g.	2. 2.69	Lake Nakuru, Kenya. GCB.
	+	13. 2.71	OI Bolossat, Kenya, 45km NE, 2:0:11. J. R. Northern.

**Anas undulata Yellow-billed Duck**

D. 1191	f.g.	7. 2.71	Kaptagat, Kenya 0°26'N., 35°29'E. CFM.
	+	28. 3.71	Kaptagat, 0:1:21. M. P. B. G. Wilson.

**Philomachus pugnax Ruff**

B. 2920	f.g.♀	1. 1.69	Naivasha, Kenya 0°43'S., 36°25'E. GCB.
	v	24 1.71	Lake Nakuru, Kenya, 58km NW, 2:0:23. DJP.
C.1760	ad.♂	4. 4.69	Naivasha, Kenya. GCB.
	+	5. 6.71	near Dudinka, Krasnoyarskii Territory, U.S.S.R. 69°24'N., 80°17'E., 2:2:1. (Ringing Centre, Moscow)
B.4166	ad.♀	10. 5.70	Lake Nakuru, Kenya. GCB.
	+	15. 4.71	near Nadyem, Tyumen Region, U.S.S.R. 65°37'N., 72°48'E., 0:11:5. (Ringing centre, Moscow)
B.7853	f.g.♀	16. 1.71	Lake Nakuru, Kenya. PLB.
	v	27. 4.71	Lake Hannington, Kenya 0°15'N., 36°06'E., c.65km N, 0:3:11. T. J. Barnley.
	v	16.10.71	Lake Nakuru, Kenya, 0:5:19. DJP.

B.7162 1st W. ♀ 22. 2.71 Lake Nakuru, Kenya. DJP.  
+ 20. 5.71 near Surgut, Tyumen Region, U.S.S.R. 61°18'N., 73°22'E.,  
0:2:22. (Ringing Centre, Moscow)

**Tringa glareola Wood Sandpiper**

B. 1980 f.g. 21.10.68 Lake Nakuru, Kenya. GCB.  
caught? 11. 7.71 near Turinskaya Sloboda, U.S.S.R. 57°38'N., 64°27'E., 2:8:20.  
(Ringing Centre, Moscow)

**Colius striatus Speckled Mousebird**

A.12606 ad. 8. 5.71 Dar es Salaam, Tanzania 6°48'S., 39°17'E. WGH.  
+ 19. 8.71 Dar es Salaam, 0:3:11. This bird was killed by a child using a  
catapult; on dissection by WGH it was found to contain three  
half-formed eggs.

**Hirundo abyssinica Striped Swallow**

J.37822 ad. 12. 7.70 Kariobangi, Nairobi, Kenya 1°15'S., 36°53'E. GCB.  
× 2. 4.71 Mbagathi, Nairobi 1°23'S., 36°46'E., 20km SW. 0:8:20.  
S. Kanyingi.

J.37880 juv. 19. 7.70 Kariobangi, Nairobi, Kenya. GCB.  
"v" 7. 5.71 Muthaiga, Nairobi 1°15'S., 36°50'E., 4.5 km NW. 0:9:18.  
This bird was temporarily stunned by a golf ball. R. C. Soper.

**Hirundo rustica Swallow**

J. 19385 juv. 12.12.68 Lake Nakuru, Kenya. PLB & JFH.  
?× 13. 9.70 near Gul'kevichi, Krasnodarskii Territory, U.S.S.R. 45°21'N.,  
40°40'E., 1:9:11. (Ringing Centre, Moscow)

J.26543 juv. 11. 2.69 Muko, Uganda 0°28'S., 30°44'E., HR & W.  
× (13.8.71) Petrijevc, near Osijek, Yugoslavia c. 45°33'N., 18°42'E., 2:6:0.  
L. Lukic.

J. 32781 ad.♀ 19.12.69 Lake Nakuru, Kenya. JFH.  
v 3. 4.71 Athi River, Kenya 1°26'S., 36°59'E., 160km SE, 1:3:14. GCB.

J.26912 1st W. 26.12.69 Mweya, Queen Elizabeth Park, Uganda 0°11'S., 29°54'E. MPLF.  
?× 18. 5.70 near Nakhichevan, Azerbaizhan S.S.R., U.S.S.R. 39°14'N.,  
45°25'E., 0:4:12. (Ringing Centre, Moscow)

J.39531 ad.♀ 11. 1.70 Ruhengere, Uganda 0°26'S., 30°45'E. HR & W.  
?× 27. 7.71 near Oktyabr'skii, Volgograd Region, U.S.S.R. 47°58'N., 43°40'E.,  
1:6:16. (Ringing Centre, Moscow)

J.39538 juv. 11. 1.70 Ruhengere, Uganda. HR & W  
/? 22. 7.71 near Malkop, Krasnodarskii Territory, U.S.S.R. 44°35'N.,  
40° 08'E., 1:6:11. (Ringing Centre, Moscow)

(It is interesting to note that Swallow No. J39539, also ringed at Ruhengere on 11.1.70, was controlled in Czechoslovakia on 19.5.70, see Backhurst 1971.)

J.37100 juv. 20.1.70 Athi River, Kenya. GCB.  
v 30. 4.71 Chokpak Pass, Eastern Kazakhstan, U.S.S.R. 42°31'N.,  
70° 38'E., 1:3:10. E. I. Gavrilov. Moskva K-028405 added.

J.37200 juv. 29. 1.70 Lake Nakuru, Kenya. GCB.  
v 6. 1.71 Kariobangi, Nairobi, Kenya, 135 km SE, 0:11:7. DJP.

J.2186 ad.♂ 21.11.70 Ruhengere, Uganda. HR & W.  
/? 15. 5.71 near Kurganinsk, Krasnodarskii Territory, U.S.S.R. 44°54'N.,  
40° 34'E., 0:5:24. (Ringing Centre, Moscow)

J.39755 juv. 29.12.70 Muko, Uganda. HR & W.  
×(car) (29.3.71) 25 km E of Mbarara, Uganda, c. 8 km ESE, c. 0:3:0. B. N. Musoke.

J. 51708 f.g. 27. 3.71 Kibebe Farm, Iringa, Tanzania 7°46'S., 35°42'E. JFR.  
× 14. 5.71 near Dzhuma, Samarkand Region, Uzbek S.S.R., U.S.S.R.,  
39°42'N., 66°40'E., 0:1:19. (Ringing Centre, Moscow)

**Motacilla flava Yellow Wagtail**

J.3256	f.g.♀ /?/	17.11.66 (24.11.71)	Kaazi, near Kampala, Uganda 0°12'N., 32°37'E. DJP. Kibengo Village, Bombo, Uganda c. 0°36'N., 32°33'E., c. 40 kmN, c. 5:0:0. K. Omudeke.
J.5586	f.g. v(ad.♀)	11.2.67 20.10.71	Thika, Kenya 1°03'S., 37°05'E. DJMC. Kariobangi, Nairobi, 35 km SW. 4:8:9. DJP.
J.11615	ad.♂ (flava) ×	16. 1.68 15. 7.71	Kabete, Kenya (at roost) 1°16'S., 36°43'E. EDS. near Kurganinsk, Chuvash A.S.S.R., U.S.S.R., 55°52'N., 47° 27'E., 3:5:29. (Ringing Centre, Moscow)
J. 21789	f.g.♀ ×	1.11.68 0. 6.71	Kariobangi, Nairobi, Kenya. GCB. near Dergachi, Saratov Region, U.S.S.R. 51°13'N., 49°05'E., c. 2:7:0. (Ringing Centre, Moscow)
J. 22717	f.g.♂ (flava) +	20. 2.69 5. 9.71	Kabete, Kenya (at roost). EDS. Arसानjan, 82 km ENE of Shiraz, Fars Province, Iran 29°50'N., 53°18'E., 2:6:15. A. Khademolhossein.
J. 13725	f.g. ×	17. 1.69 early 7.70	Kabete, Kenya (at roost). GCB. near Russkii Aktash, Tatar A.S.S.R., U.S.S.R. 55°02'N., 52°08'E., c. 1:5:17. (Ringing Centre, Moscow)
X.1448	1st W.♂ (flava) ×	9.2.71 29. 1.72	Kabete, Kenya (at roost). GCB. Karen, Kenya 1°18'S., 36°41'E., 8km S, 0:11:20. C. S. Moore.

**Acrocephalus scirpaceus Reed Warbler**

J.34951	ad. /?/	15. 1.70 7. 9.71	Kabete, Kenya. GCB. Az Zilifi (=Zulfi), Saudi Arabia 26°15'N., 44°50'E., 1:7:22. S. Sakran.
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**Sylvia atricapilla Blackcap**

J. 19219	f.g.(♂) × or +	20.11.68 11. 4.71	Ng'iya, Central Nyanza, Kenya 0°03'N., 34°23'E. PLB & JFH. near Bidkarz, Fars Province, Iran 29°55'N., 51°00'E., 2:4:21. Two reporting letters were received concerning this bird, one claimed that it had been found dead, the other that it had been killed by a stone. F. Reeb; D. A. Scott.
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**Phoenicurus phoenicurus Redstart**

J. 49030	ad. ♂ v +	6. 3.71 22. 3.71 22. 4.71	Kachonga, Mbale, Uganda 0°58'N., 34°03'E. JR. Kachonga, 0:0:16. JR. Al Haditha, Iraq 34°09'E., 42°22'E. 0:1:0. Ismail Abdul Hamud Al-Hadithi.
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**Passer griseus Grey-headed Sparrow**

A.10515	ad. +	12. 9.70 20. 7.71	Kibuli, Uganda c. 0°19'N., 32°35'E. RF. Kibuli, 0:10:8. Shot by catapult, bird eaten. (O. Tikodri).
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## KEY TO INITIALS IN LIST OF RECOVERIES

GCB	G. C. & D. E. G. Backhurst	WGH	W. G. Harvey
JSSB	J. S. S. Beesley	HR & W	G. N. Harrington, M. Reid & E. R. Waterhouse
PLB	P.L. & H. A. Britton	CFM	C. F. Mann
DJMC	D. J. M. Caffyn	DJP	D. J. Pearson
MPLF	M. P. L. Fodgen	JFR	J. F. Reynolds
RF	R. Frankum	JR	J. Rolf
JFH	J. F. & L. M. Harper	EDS	E. D. Steel

## OTHER RINGERS IN EAST AFRICA

Denise Angwin	W. P. Langridge
Lise Campbell	N. O. Okia
A. D. Forbes-Watson	Nina Pettitt
J. Goddard	M. Stj. & G. Sugg

Notes.—The above lists do not total 21 as mentioned on page 1; this is because Caffyn, Reid and Steel, although mentioned in the list of recoveries, have left East Africa and were not therefore ringers in 1970-71; further, husband and wife teams are counted as one ringer.

MAP 1:—Showing recoveries of East African-ringed birds reported during 1970-71 to the Palearctic Region.

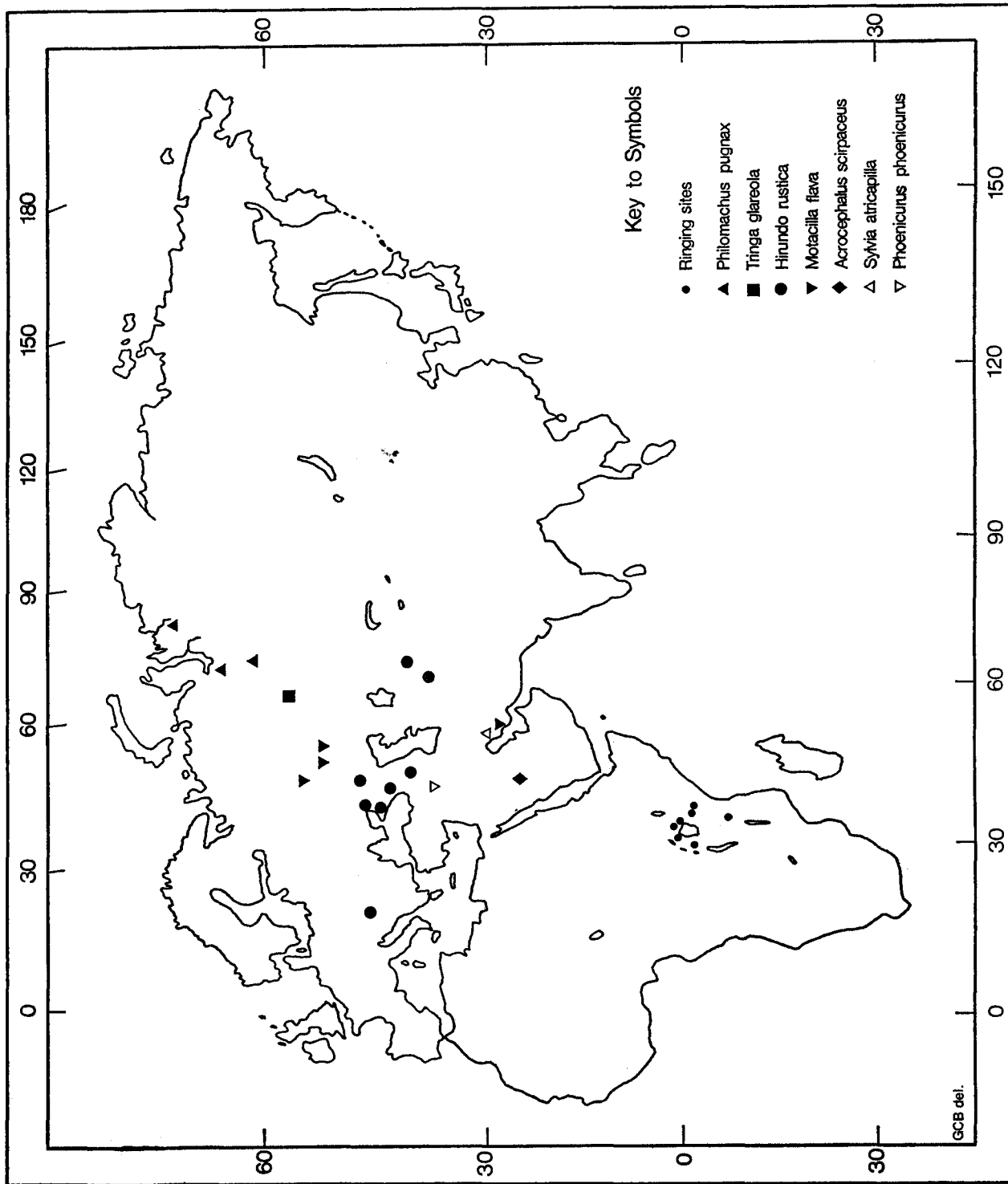


TABLE 3

## PALEARCTIC BIRDS RETRAPPED AT ORIGINAL RINGING SITES DURING 1970-71 WHICH WERE RINGED IN PREVIOUS SEASONS

<i>Charadrius hiaticula</i> Ringed Plover . . . . .	1
<i>Calidris ferruginea</i> Curlew Sandpiper . . . . .	1
<i>Calidris minuta</i> Little Stint . . . . .	23
<i>Philomachus pugnax</i> Ruff . . . . .	24
<i>Tringa glareola</i> Wood Sandpiper . . . . .	1
<i>Tringa stagnatilis</i> Marsh Sandpiper . . . . .	2
<i>Hirundo rustica</i> Swallow . . . . .	7
<i>Motacilla flava</i> Yellow Wagtail . . . . .	156
<i>Phylloscopus trochilus</i> Willow Warbler . . . . .	1
<i>Oenanthe oenanthe</i> Wheatear . . . . .	1

## Notes on Table 3

1. The extent to which Palearctic migrants recur in their winter quarters (*Ortstreue*) has been demonstrated only comparatively recently (see, for example, Moreau 1969 and *in press*, De Roo & Deheegher 1969, and Pearson 1972). The above table merely serves to show that the phenomenon occurs between Eurasia and East Africa; no quantitative conclusions should be drawn from the data given, and, for this reason, no ringing totals are given in the table. This statement may need some explanation: if Jackson (1938) had ringed his bread and cake-eating Yellow Wagtail in April 1915 at Entebbe he would have achieved a 100 per cent return to winter quarters in October of that year when the bird came back. If, on the other hand he had managed to ring a single Swallow or Sand Martin caught while feeding in a flock near Lake Victoria it would have been exceedingly unlikely that the ringed bird would have been detected or found in a subsequent year, although it is quite possible that the individual Swallow or Sand Martin *had* returned to the same area. Thus the correct interpretation of *Ortstreue* data cannot be assessed without (a) full knowledge of the ringing picture at a given locality and (b) full knowledge of the trapping effort expended at that locality in subsequent seasons. It follows (giving an extreme example) that if 1000 migrants are ringed at a locality one season from, say, December to March none will be retrapped the following season if no trapping is done there, giving a "nil" return to winter quarters. It is likely however that if trapping is resumed the next season (i.e. two years after the 1000 birds were ringed) a number of first-season birds will be caught and this number will depend, apart from mortality and any non-*Ortstreue* element, upon the trapping effort expended in the third season and upon the ease with which the particular birds can be caught. Any computation of percentages of returning birds must take into account the number of birds *handled* in the season in question, and this will include also "same-season" retraps.

From circumstantial evidence it seems likely that most species of which individuals have been retrapped in later seasons are normally true to their winter quarters but, from the figures in Table 3 and from personal knowledge as well, it is not yet possible to compare the extent of this fidelity between species; a final example will serve to illustrate the point: the single Willow Warbler listed in Table 3 was trapped in Napier Grass *Pennisetum purpureum* Schumach. at Kabete at the end of December 1968. In the 1968-69 season only three Willow Warblers were caught at this site. The following season (1969-70) less effort was devoted to the area and no Willow Warblers were caught; however, in the 1970-71 season, despite a rather limited amount of netting effort (but nevertheless more than in 1969-70) four Willow Warblers were caught including a 1968-69 bird. It is considered likely that the small number of this species present in the Napier Grass at the times of netting were winter residents and that the single retrap in 1970-71 suggests that Willow Warblers, albeit on a very small sample, are true to winter quarters. The reasons that only one Willow Warbler has ever been retrapped in a subsequent season at the place of ringing are, in the writer's view, that either most are trapped on *passage* (i.e. not in their winter quarters), or that the majority of wintering birds ringed have been ringed in areas where less trapping effort has been expended in later seasons. Detailed papers on *Ortstreue* are in the course of preparation.

2. The table does not give a complete summary of birds retrapped in subsequent seasons: one ringer is known to have data on such birds but he is unwilling to part with them.

TABLE 4

## RECOVERIES IN EAST AFRICA OF BIRDS RINGED ABROAD

The signs and symbols are the same as those used in Table 2.

**Sarkidiornis melanota Knob-billed Goose**

<i>Pretoria</i> 546-12359	ad.♂	15. 5.66.	Mlezu, 150 km ENE of Bulawayo, Rhodesia 19°09'S., 29°54'E. H. F. Meyer.
	+	30.11.70	Mwalukwa Dam, Shinyanga. Tanzania c. 3°33'S., 33°54'E. 4:6:15. (J. Jonathan)

**Buteo buteo Buzzard**

<i>Helsinki</i> D.33 080	pull.	14. 7.70	Palsina, Kuorevesi, Häme, Finland 61°57'N., 24°53'E. H. Mikkola & S. Pynnönen.
	×	before 20.11.70	Musoma, Tanzania 1°31'S., 33°48'E. L. Melamari.

**Larus fuscus Lesser Black-backed Gull**

<i>Helsinki</i> H. 67 557	pull.	23. 6.66	Velusmaa, Rymättylä, Turku-Pori, Finland 60°23'N., 22° 00'E. K. Hedenström.
	()	autumn 68	Homa Bay, Kenya 00°31'S., 34°30'E. The bird was found alive in a fishing net, its fate is unknown.

<i>Helsinki</i> H.97 843	pull.	24. 6.68	Tjusgrund, Kustavi, Turku-Pori, Finland 60°37'N., 21°07'E. J. Virtanen.
	×	(3.1.69)	"Lake Victoria", Uganda. Y. Tamal.

<i>Helsinki</i> H.104 617	pull.	26. 6.69	Trollö, Pargas, Abo-Björnerborg, Finland 60°08'N., 22°15'E., K. Hedenström.
	"caught"	30. 9.69	Teso, Kumi, Uganda, 1°40'N., 33°30'E., 0:3:4. W. Banage.

**Hirundo rustica Swallow**

<i>Moskwa</i> K.0001B4	age ?	24.4.70	near Chokpak, Dzhambul, Kazakhstan, U.S.S.R. 42°31'N., 70°38'E.
	v	5.2.71	Kibebe Farm, Iringa, Tanzania 7°46'S., 35°42'E., 0:9:11. Moscow ring replaced by Nairobi J. 50653. JFR.

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