

NEW ZEALAND WRENS

Acanthisittidae

Rifleman *Acanthisitta chloris*
1933 356-357.

Rock Wren *Xenicus gilviventris*
1935 42-43.

PITTAS

Pittidae

1925 161*. Breeding records 1980 N/L. Breedings 1997 120. Notes on rare pittas 1931 210; 1932 55. Pittas in captivity 1902 8. Recent imports 1990 194. Summary of species in European collections 2002 75*.

Blue-backed Pitta, Blue-rumped Pitta, Annamese Pitta *Pitta soror*
1931 217-219.

Giant Pitta *Pitta caerulea*
Breeding 1979 109-111b/w (Hand-reared).

Banded Pitta, Blue-tailed Pitta *Pitta guajana*
1931 221-222; 1932 55. Bred 2001 142 (*Pitta guajana schwaneri*). Breeding 1974 42-44b/w (*Pitta guajana irena*); 2002 113-122*. Plumage variation 1974 41*.

Elliot's Pitta, Bar-bellied Pitta *Pitta ellioti*
1929 131-132*. Bred 1939 350. Note 1931 221.

Gurney's Pitta *Pitta gurneyi*
In captivity 1992 142-143. New population found 2003 93. Population 1991 41; 1993 160; 2000 136. Sightings 1987 175. Site protection 1996 43.

Blue-headed Pitta *Pitta baudii*
1932 57-58.

Hooded Pitta *Pitta sordida*
1931 215-217, 220-221; 1959 33-34*; (Reprinted 1997 124-125). Breeding 1934 222-226; 1997 120-123 (Reprinted 1997 120-123). Breeding and hand-rearing 1989 119-128. Courtship behaviour 1933 63-64. Laid 1963 206. Sexing 1933 180. Twenty-six bred 2002 43. *1994 90.

Halmahera Pitta *Pitta maxima*
Note 1931 211; 1933 6-7*.

Red-breasted Pitta, Red-bellied Pitta, Blue-breasted Pitta *Pitta erythrogaster*
1933 62* (*Pitta erythrogaster macklotii*).

Garnet Pitta *Pitta granatina*
1932 55-57.

African Pitta, Angolian Pitta *Pitta angolensis*
1925 312; 1931 215.

Bengal Pitta, Indian Pitta, Blue-winged Pitta *Pitta brachyura*
1902 8-9,179-185b/w,257-262; 1958 107-109*. Breeding 1962 33-35b/w; 1960
227. Note 1931 212. Sexing 1903 29.

Blue-winged Pitta, Moluccan Pitta *Pitta moluccensis*
1939 170. Bred 1973 229; 1993 159.

Elegant Pitta *Pitta elegans*
Breeding 2000 165-169*.

Noisy Pitta *Pitta versicolor*
Bred 1980 N/L; 1991 191.

BROADBILLS *Eurylaimidae*

1925 168. Recent imports 1990 194.

Black and Red Broadbill, Red and Black Broadbill *Cymbirhynchus
macrorhynchus*
1931 276.

Long-tailed Broadbill *Psarisomus dalhousiae*
Bred 1994 184; 2002 91. Eighteen hand-reared 2003 86.

Lesser Green Broadbill, Green Broadbill *Calyptomena viridis*
1929 231-232*; 1930 49; 1931 113,276-277. Bred 1994 52,184. Breeding 1996 1-
5b/w; 1997 15-19. Imported 1929 10,326. Longevity, nine years 1968 223.
Observations on behaviour 1970 16-17b/w.

Hose's Broadbill *Calyptomena hosii*
Imported 1929 326; 1931 277.

TYRANT FLYCATCHERS, COTINGAS AND MANAKINS *Tyrannidae*

TYRANT FLYCATCHERS

1925 165. Of Canada 1939 52. Recent imports 1990 194

Kaempfer's Tody-Tyrant *Hemitriccus kaempferi*
Rediscovered 1993 51.

Restinga Tyrannulet *Phylloscartes kronei*
Discovered 1993 215.

Bahia Tyrannulet *Phylloscartes beckeri*
Discovered 1996 43.

Vermilion Flycatcher, Scarlet Flycatcher *Pyrocephalus rubinus*
1952 83-86,196-198. Bred 1964 180.

Little Widow Tyrant, White Monjita *Xolmis irupero*
At London Zoo 1939 272.

Masked Water Tyrant, Courier's Water Tyrant *Fluvicola nengeta*
Breeding 1935 171-175 (Fledged only).

Scissor-tailed Flycatcher *Muscivora forficata*
Wild 1939 322.

Grey Kingbird *Tyrannus dominicensis*
Wild 1930 123.

Great Kiskadee, Kiskadee Flycatcher *Pitangus sulphuratus*
At London Zoo 1912 36. Bred 1964 221; 1972 214. Breeding 1962 64-66; 1965
145; 1966 87. Breeding record 1962 178. Early avicultural record 1928 100. Note
1977 211. Poem 1927 144.

COTINGAS
1925 163*. Recent imports 1990 194.

Black-tailed Tityra *Tityra cayana*
2000 50.

Chestnut-bellied Cotinga *Doliornis remseni*
Discovered 1995 45. Range extension 1994 225.

Green and Black Fruiteater, Black-throated Cotinga, Rieffer's Cotinga *Pipreola
riefferii rieferrii*
Breeding 1963 141-144. Imported 1915 379.

Orange-bellied Fruiteater, Orange-bellied Cotinga, Yellow-vented Cotinga
Pipreola aureopectus, Pipreola jucunda
Breeding 1966 18-20b/w. Hatched 1965 12. Imported 1915 379.

Purple-throated Cotinga *Porphyrolaema porphyrolaema*
At London Zoo 1929 265; 1930 113-114*.

Spangled Cotinga *Cotinga cayana*
Bred 2002 91.

Purple-throated Fruitcrow *Querula purpurata*

2003 78-79*.

Red-ruffed Fruitcrow, Red-breasted Fruitcrow, Scutated Fruitcrow *Pyroderus scutatus*

At London Zoo 1958 98.

UMBRELLABIRDS

1972 79.

Bare-necked Umbrellabird, Bare-throated Umbrellabird *Cephalopterus glabricollis*

1936 211-212b/w; 1943 29-30b/w. Longevity, twelve years 1972 82.

Long-wattled Umbrellabird *Cephalopterus penduliger*

1995 98-102b/w. Longevity, eleven years 1972 82.

Amazonian Umbrellabird *Cephalopterus ornatus*

At Washington Zoo 1952 153. Imported 1909 362-363b/w; 1950 206b/w.

Capuchinbird *Perissocephalus tricolor*

Bred 1993 105. Breeding 1994 3-7*.

AMERICAN BELLBIRDS

1937 213.

Bearded Bellbird *Procnias averano*

B/w 1937 213.

Bare-throated Bellbird, Naked-throated Bellbird *Procnias nudicollis*

B/w 1937 213.

Guianan Cock-of-the-Rock, Orange Cock-of-the-Rock *Rupicola rupicola*

1910 257-258,319-324*; 1914 202. At London Zoo 1910 290; 1928 197; 1992 153-154. At St. Louis Zoo 1931 263-265b/w. Display 1961 102-106b/w. *1925 162.

Andean Cock-of-the-Rock, Scarlet Cock-of-the-Rock *Rupicola peruviana*

1942 29-30b/w; 1948 1-2*. Artificial incubation and hand-rearing 1989 153-161b/w. Breeding 1980 1-4b/w. Hatched 2002 90. Hatched and longevity sixteen years 1997 66. "Hatched some years ago" 1957 49. Longevity, over twenty years old 1974 113. Reared to twenty-three days 1970 251.

MANAKINS

Diet 1933 39. Feeding 1951 73. In captivity 1969 117*. Recent imports 1990 194. Two rare 1931 237*.

Golden-headed Manakin *Pipra erythrocephala*

1969 118*.

Red-headed Manakin *Pipra rubrocapilla*

1933 39.

Blue-rumped Manakin *Pipra isidorei*
1969 117.

Long-tailed Manakin *Chiroxiphia linearis*
Notes 1973 145-146*.

Blue-backed Manakin, Superb Manakin *Chiroxiphia pareola*
Breeding 1973 1-3*. Fledged 1973 142. Hatched 1976 220. Imported 1910 290;
1931 237*; 1933 39.

Swallow-tailed Manakin *Chiroxiphia caudata*
Improved diet 1968 43. Near miss 1981 113-114.

Golden-winged Manakin *Masius chrysopterus*
1969 118-119*.

Pin-tailed Manakin, Military Manakin *Ilicura militaris*
Improved diet 1968 43.

White-bearded Manakin *Manacus manacus*
Bred 2000 140; 2002 91. Imported 1929 265; 1931 237*; 1933 39; 1973 145-
146*. Wild 1931 294-295.

TYPICAL ANTBIRDS

Thamnophilidae

Black-spotted Bare-Eye *Phlegopsis nigromaculata*
2000 51-52.

OVENBIRDS AND WOODCREEPERS

Furnariidae

OVENBIRDS
1925 167.

Rufous Ovenbird, Rufous Hornero *Furnarius rufus*
1911 237-240b/w; 1944 49b/w. Double nest 1941 16-20b/w.

WOODCREEPERS
New species 1996 41.

ANTBIRDS

Formicariidae

1925 167. Notes on species kept at New York Zoo 1976 119.

Short-tailed Ant-Thrush *Chamaeza campanisona*
Note 1966 172.

Chestnut-crowned Antpitta *Grallaria ruficapilla*
Hatching and hand-rearing 1976 119-122b/w.

Cundimarca Antpitta *Grallaria kaestneri*
Discovered 1993 215.

Pale-billed Antpitta *Grallaria carrikeri*
Discovered 1984 122.

Brown-banded Antpitta *Grallaria milleri*
1995 88.

Ochre-fronted Antpitta *Grallaricula ochraceifrons*
Discovered 1984 122.

LYREBIRDS AND SCRUB-BIRDS

Menuridae

LYREBIRDS

1925 168. Protection measures 1992 37.

Superb Lyrebird *Menura novaehollandiae*
1916 215-219; 1943 98-102. At London Zoo 1900 184; 1903 110b/w. Hatched
1967 206. Incubating 1903 190 (Wild). Longevity, eighteen-and-a-half years 1969
33. Memories 1947 83-85. Possible introduction to Tasmania 1929 83-84. See the
Lyrebird and die 1947 79-83b/w. Supposed hybrid with fowl 1905 46. Tasmanian
population 2003 87.

Noisy Scrub-Bird *Atrichornis clamosus*
Research and management 1984 125.

BOWERBIRDS

Ptilonorhynchidae

1901 69,123; 1923 58. Bowerbirds and particular colours 1904 235. New book 2000
138.

White-eared Catbird *Ailuroedus buccoides*
Laid 1998 132; 2000 74; 2001 72*.

Green Catbird *Ailuroedus crassirostris*
1920 203-204. Bred 1969 147. Breeding 1922 189.

Gardener Bowerbird, Vogelkop Bowerbird *Amblyornis inornatus*

1909 156; 1913 157-162b/w. At London Zoo 1937 182.

Striped Bowerbird, Streaked Bowerbird *Amblyornis subalaris*
1923 59. Hardiness 1909 156-157.

Yellow-fronted Bowerbird, Golden-fronted Bowerbird *Amblyornis flavifrons*
Rediscovered 1982 173.

Golden Bowerbird *Prionodura newtoniana*
1901 70.

Flame bowerbird, Flamed Bowerbird *Sericulus aureus ardens*
Artificially hatched and hand-reared 2003 142.

Regent Bowerbird *Sericulus chrysocephalus*
1901 70,138-139,160-161. Bred 1960 214; 1964 149. Breeding 1906 51-68b/w,
88-96,123-131b/w. Colour change 1928 119-120. Female assuming male plumage
1908 54-59. Further notes on breeding 1907 142-143; 1911 365-367; 1928 231-
233b/w*. Other breedings 1951 94-95b/w; 1956 211-213.

Satin Bowerbird *Ptilonorhynchus violaceus*
1907 7-12,69,123-124,136-138,148; 1944 47,48,74,98; 1956 122. Bred 1991 191.
Colour change 1944 150. Experiment on colour preference 1944 132-135. Juvenile
in adult plumage 1931 22. Nesting 1903 63-68 (Fledged). Nesting habits 1943
123. Photographing 1916 96-97.

Fawn-breasted Bowerbird *Chlamydera cerviniventris*
Bred 2003 42.

Spotted Bowerbird *Chlamydera maculata*
1901 69-70; 1992 88.

FAIRYWRENS (AUSTALASIAN WRENS) *Maluridae*

Breeding records 1980 182. Experiences with 1975 183*.

Campbell's Fairywren *Malurus campbelli*
1984 123.

Red-backed Fairywren, Red-backed Wren *Malurus melanocephalus*
Bred 1974 69.

White-winged Fairywren, White-winged Wren *Malurus leucopterus*
Bred 1947 76; 1974 69; 1991 19. Home of 1919 177-181.

Superb Blue Fairywren, Superb Fairywren, Blue Wren *Malurus cyaneus*
1902 246-249 (Bred); 1903 15-19*; 1906 228-235; 1918 259. Bred 1991 175-176.
Breeding 1962 84-86. Breeding records 1980 182. Colour change 1917 150-151.

Display 1917 206-207.

Splendid Fairywren, Banded Wren *Malurus splendens splendens*
1965 157*.

Turquoise Fairywren *Malurus callainus, Malurus splendens callainus*
Bred 1956 194.

Black-backed Fairywren *Malurus splendens melonotus*
Bred 1950 263.

Variiegated Fairywren *Malurus lamberti lamberti*
“Currently being raised” 1975 186.

Purple-backed Fairywren *Malurus lamberti assimilis*
Bred 1974 76.

Lovely Fairywren *Malurus amabilis*
Bred 1981 117.

Red-winged Fairywren *Malurus elegans*
Bred 1965 157.

HONEYEATERS *Meliphagidae*

1903 347b/w; 1924 307. Breeding age 1969 115. List of imported species 1936 313.
New Zealand honeyeaters 1962 45*. Two honeyeaters 1936 262.

Scarlet Honeyeater *Myzomela sanguinolenta*
1940 174-175 (Longevity, ten years old).

Eungella Honeyeater *Lichenostomus hindwoodi*
Discovered 1983 237-238.

Yellow-faced Honeyeater *Lichenostomus chrysops*
Bred 1958 138,181.

Helmeted Honeyeater *Lichenostomus melanops cassidix*
Programme setback 1993 160. Status and captive breeding programme 1991 98.

Purple-gaped Honeyeater *Lichenostomus cratitius*
Bred 1961 141.

Yellow-fronted Honeyeater *Lichenostomus plumulus, Meliphaga plumula*
Bred 1964 74.

White-plumed Honeyeater *Lichenostomus penicillatus*
Bred 1960 81.

- White-naped Honeyeater** *Melithreptus lunatus*
1900 99-100. Bred 1947 108. Breeding 1968 172-174b/w.
- Brown-headed Honeyeater** *Melithreptus brevirostris*
Bred 1968 103.
- Helmeted Friarbird** *Philemon buceroides*
Bred 2001 92 (*Philemon buceroides punctata*).
- Stitchbird** *Notiomystis cincta*
1933 439-442 (Wild); 1962 45-46; 1985 56; 1993 163. An avicultural challenge
2000 22-33b/w*.
- Crescent Honeyeater** *Phylidonyris pyrrhoptera*
Laid 1965 11.
- New Holland Honeyeater, Yellow-winged Honeyeater** *Phylidonyris novaehollandiae*
1936 263-265 (Wild). Bred 1947 108; 1984 176.
- White-fronted Honeyeater** *Phylidonyris albifrons*
Bred 1964 74.
- Eastern Spinebill** *Acanthorhynchus tenuirostris*
Wild 1936 265-266.
- Western Spinebill** *Acanthorhynchus superciliosus*
Breeding 1986 166-171.
- Blue-faced Honeyeater** *Entomyzon cyanotis*
Breeding note 1997 61-62. Breeding programme 1993 105.
- Noisy Miner** *Manorina melanocephala*
Breeding the garrulous honeyeater 1925 265-267. Wild population spreading
2001 185.
- New Zealand Bellbird** *Anthornis melanura*
1933 376-379 (Wild); 1962 45-46.
- Spiny-cheeked Honeyeater** *Acanthagenys rufogularis, Anthochaera rufogularis,*
Bred 1938 90-91. Longevity, twenty-two-and-a-half years 1957 195.
- Little Wattlebird, Little Wattle-Bird** *Anthochaera lunulata*
Bred 1939 320-321; 1974 230.
- Red Wattlebird** *Anthochaera carunculata*
Bred 1971 105.
- Tui** *Prosthemadera novaeseelandiae*

1911 38; 1912 137-138; 1933 370-375; 1938 126-129; 1942 103-110b/w; 1962 45-46*. Diet and longevity 1897 97,118,150,165,180; 1898 53. Possible cause of decline 1897 181.

Crimson Chat *Epthianura tricolor*
Bred 1948 97.

Orange Chat *Epthianura aurifrons*
Bred 1956 123.

White-fronted Chat *Epthianura albifrons*
Bred 1948 97.

PARDALOTES, BRISTLEBIRDS AND SCRUBWRENS *Pardalotidae*

Spotted Pardalote *Pardalotus punctatus*
1900 165-167*,167-169,211. Been imported 1899 179-180. B/w 1919 205.

Eastern Bristlebird, Eastern Bristle-Bird *Dasyornis brachypterus*
Bred 1956 123.

Pilotbird, Pilot-Bird *Pycnoptilus floccosus*
Nesting 1920 127-129b/w (Wild).

White-browed Scrubwren, White-browed Scrub Wren, White-browed Sericornis *Sericornis frontalis*
Bred 1976 218.

AUSTRALIAN ROBINS *Petroicidae*

Scarlet Robin *Petroica multicolor*
At London Zoo 1914 322. Bred 1965 157.

South Island Tomtit *Petroica macrocephala macrocephala*
1934 200-201; 1961 145-146.

North Island Tomtit *Petroica macrocephala toitoi*
1934 14-15; 1935 164b/w; 1961 145*.

Red-capped Robin *Petroica goodenovii*
Bred 1951 193.

Flame Robin *Petroica phoenicea*
1914 322. Breeding 1981 90-92.

North Island Robin *Petroica australis longipes*

1933 442-445; 1935 89b/w.

Chatham Islands Robin, Chatham Island Robin *Petroica traversi*
1981 58; 1982 122; 1985 177. Population increase 1992 84.

Hooded Robin *Melanodryas cucullata*
Bred 1947 75; 1974 69.

Yellow Robin *Eopsaltria australis*
1900 163,189-190. Anting in fire ashes 1965 162. Bred 1948 97; 1991 191.

Southern Scrub Robin *Drymodes brunneopygia*
Hatched twice 1949 76.

FAIRY BLUEBIRDS AND LEAFBIRDS

Irenidae

Recent imports 1990 193.

Asian Fairy Bluebird *Irena puella*
Bred 1994 52. Breeding 1964 18-21; 1965 141-142; 1990 123-125; 1993 124-127.
Fledged 1965 68. Hatched 1965 55-56. Husbandry and breeding 1989 169-
175b/w. Imported 1908 336; 1931 277-279 (Fertile eggs); 1934 34-35b/w; 1943
127-128 (Hatched twice previously). Partial success with help of wild blackbirds
1971 57. Sexing juveniles 1965 118; 1966 34. *1925 120.

Chloropsis
Past and Present 1941 210.

Greater Green Leafbird, Greater Leafbird *Chloropsis sonnerati*
1937 187*. Long-lived 1945 56.

Blue-winged Leafbird, Blue-winged Fruitsucker *Chloropsis cochinchinensis*
1937 1-2* (*Chloropsis cochinchinensis nigricollis*); 1937 187-188* (*Chloropsis
cochinchinensis icterocephala*). Bred 2002 89. Breeding 2003 14-21b/w*.

Golden-fronted Leafbird, Golden-fronted Fruitsucker *Chloropsis aurifrons*
1896 36-38; 1901 223-225; 1902 86-88. Breeding 1986 66-69. Hatched 1917 224-
227; 1941 193-195. Laid 1945 48-49. *1925 120.

Hardwick's Fruitsucker, Orange-bellied Leafbird *Chloropsis hardwickii*
1897 169-171*. Breeding 1981 70-81b/w. Longevity, twenty-one years old 1957
195. *1925 120.

TRUE SHRIKES

Laniidae

1925 124. As cage-birds 1921 167. Diets for *Lanius* sp. 1969 162. Few notes on 1940 171. Recent imports 1990 193.

Red-backed Shrike *Lanius collurio*

1905 44-45. Breeding 1904 339-346; 1905 330-331; 1907 40; 1911 37; 1912 335-336. Early aviculture record 1923 99. Moults and feeding 1905 173-174. Suggestions on breeding 1922 46. Wild nesting notes 1902 206-207.

Rufous-backed Shrike, Black-headed Shrike *Lanius schach*

1960 47-48b/w; 1970 61-65b/w. Breeding 1971 219-223b/w.

San Clemente Island Loggerhead Shrike *Lanius ludovicianus nemesi*

Most successful release programme 2003 Number 1 (Inside back cover). Recovery programme 1992 184.

Great Grey Shrike *Lanius excubitor excubitor*

1945 50-51. Breeding 1946 203-204; 1971 1-9b/w. "Repeatedly reared" 1905 45.

Fiscal Shrike, Common Fiscal *Lanius collaris*

Naming 1967 103.

Magpie Shrike, Eastern Long-tailed Shrike *Corvinella melanoleuca*

Breeding 2000 173-177*. Imported 1921 68; 1925 217.

Rufous-browed Pepper Shrike *Cyclarhis gujanensis*

1977 207-208.

VIREOS

Vireonidae

1925 140. A new vireo 1993 103. Notes on some vireo's of North America 1917 133.

MUD-NEST BUILDERS, WHIPBIRDS, CROWS, JAYS, MAGPIES, BIRDS OF PARADISE, BUTCHERBIRDS, DRONGOS, WOODSWALLOWS, ORIOLES, MONARCH FLYCATCHERS, HELMETSHRIKES AND BUSHSHRIKES

Corvidae

Eastern Whip-Bird *Psophodes olivaceus*

1909 85-88b/w. Bred 1976 218. Imported 1903 110.

Spotted Quail-Thrush *Cinclosoma punctatum*

1904 149-160b/w.

Apostle-Bird *Struthidea cinerea*

At London Zoo 1900 158; 1901 75; 1942 53-57. Observations on a captive group

1977 77-85b/w. Nesting 1971 72-73b/w (Hatched). Bred 1949 32; 1956 84.

Whitehead *Mohoua albicilla*
1934 15-17 (Wild).

Yellowhead *Mohoua ochrocephala*
1934 201 (Wild).

Golden Whistler *Pachycephala pectoralis*
1904 61-63*, 229.

Sangihe Shrike-Thrush *Colluricincla sanghirensis*
Sighting details 1997 113.

Wattled Ploughbill, Wattled Shrike-Thrush, Wattled Shrike-Tit *Eulacestoma nigropectus*
1991 46.

North Island Piopio, New Zealand Thrush *Turnagra capensis tanagra*
1934 208-210.

JAYS

1917 21*. Breeding records 1938 281. Recent imports 1987 171. Eurasian Jay *Garrulus glandarius glandarius* x Lanceolated Jay, Black-headed Jay *Garrulus lanceolatus* 1976 220 (Hatched).

Crested Jay *Platylophus galericulatus*
Request for information 2001 179.

Blue Jay *Cyanocitta cristata*
Bred 1938 281; 1951 21.

Steller's Jay *Cyanocitta stelleri*
1980 141-147. Breeding 1960 206-208.

Scrub Jay *Aphelocoma californica*
Breeding 1966 76-77.

San Blas Jay *Cyanocorax sanblasianus*
A cooperative breeder 2000 111-117*. Bred 1995 175. Hatched 1929 4-5; 1931 334.

Yucatan Jay *Cyanocorax yucatanicus*
1917 223; 1922 81. Hatched 1918 116-122.

Beechey's Jay, Purplish-backed Jay *Cyanocorax beecheii*
1933 121-122 (Wild). Breeding 1926 102-103; 1980 123-127b/w. Laid 1929 255.

Black-chested Jay, Purple Jay *Cyanocorax affinis*
At London Zoo 1912 198.

Plush-capped Jay, Plush-crested Jay, Urraca Jay *Cyanocorax chrysops*
1907 33-39; 1920 206-207; 1931 106-107. Breeding 1978 125-128.

Pileated Jay, Blue-bearded Jay, White-naped Jay *Cyanocorax cyanopogon*
1895 43; 1899 122-123; 1903 227-230*; 1920 208-209. Breeding 1979 37-39.
Hatched 1957 213. Sexing 1946 117.

White-tailed Jay *Cyanocorax mystacalis*
Bred 2002 99.

Green Jay *Cyanocorax yncas*
1917 21*; 1931 105-106; 1959 42-43. Breeding 1971 20-22b/w. Sexing 1946 117;
1979 109.

White-throated Magpie-Jay, Magpie Jay, Plumed Jay *Calocitta formosa*
1928 81-82*, 123; 1930 184-185, 250-251b/w, 309-310. Hatched 1963 207, 238.
Juvenile plumage 1959 143-144.

Jay *Garrulus glandarius*
1931 138-139; 1994, 132-139 (Bred). As cage-bird 1899 52-54. Breeding records
1949 230. Mimicry 1946 204-206.

Lanceolated Jay, Black-headed Jay *Garrulus lanceolatus*
1953 122-133b/w; 1955 209-210; 1958 41-42*. Breeding 1954 154-162b/w.

Lidth's Jay, Purple Jay *Garrulus lidhi*
1912 91; 1936 225-227*. Breeding 1964 212. Longevity, twenty years 1973 54.

Siberian Jay *Perisoreus infaustus*
1899 101-102.

Grey Jay *Perisoreus canadensis*
Whiskey Jack and another 1916 167-169.

Ceylon Blue Magpie, Ceylon Magpie *Urocissa ornata*
1946 141-143b/w; 1954 151-153*.

Formosan Blue-Pie, Formosan Blue Magpie, Formosan Magpie *Urocissa caerulea*
1935 288; 1937 61*.

Red-billed Blue-Pie, Blue Magpie, Red-billed Blue Magpie *Urocissa erythrorhyncha*
1895 32-34; 1932 187-188; 1950 215-216b/w (Bred). Adventures of an escapee
1970 38. Bred 1928 278; 1931 331; 1960 226-227; 1972 30. Breeding 1915 367-
373b/w; 1996 34-35. Early breeding record 1916 70. Nesting and hand-rearing
1976 2-4.

Hunting Cissa, Green Magpie *Cissa chinensis*

1914 62-63; 1934 35-36b/w; 1950 216b/w. Breeding 1978 183-185.

Yellow-breasted Cissa, Yellow-breasted Magpie *Cissa hypoleuca*

At London Zoo 1928 163 (*Cissa hypoleuca chauleti*); 1927 313-314*, 314-316 (Laid). Breeding 2002 171-177*. Request for information 2001 179.

Azure-winged Magpie *Cyanopica cyana*

1937 65-67; 1975 107-113b/w. Bred 1937 77; 1960 223-224. Breeding 1941 3-8; 1970 240; 1983 163-169. Hatched 1933 129. Longevity, eleven-and-three-quarters years 1960 245. Sub-specific relationship 2003 142. Used for pest control 1983 52-53.

White-bellied Treepie, Southern Treepie *Dendrocitta leucogastra*

Breeding 1970 144.

Grey Treepie *Dendrocitta formosa*

Breeding 2003 145-149*.

Black-billed Magpie *Pica pica*

1898 151. At liberty 1952 108-111. Curious facts 1915 92-94. "Jack" 1918 63-65. Menace to aviculture 1954 186. My magpies past and present 1951 10-15. Predation by 1997 45.

Yellow-billed Magpie *Pica nuttalli*

Breeding 1937 257-258.

Nutcracker, Spotted Nutcracker *Nucifraga caryocatactes*

1911 36; 1914 169-170; 1944 148.

Red-billed Chough *Pyrrhonorax pyrrhonorax*

1899 73-74; 1902 269-272; 1938 158-160; 1946 116; 1957 165-170; 1991 157-158. Back wild in Cornwall 2002 140. Bred 1998 186; 2001 97. Breeding records 1932 322; 1970 165. Cornish chough, past, present and future 1991 51-58b/w. Food 1923 243-244. Hand-reared 1997 187. Hatched 1954 145; 1967 131; 1992 82. In captivity 1958 39-40. Longevity, more than twenty years. 1991 176. Operation Chough 1996 117-120. Plight of 1999 96. Wild 1951 73.

Alpine Chough, Yellow-billed Chough *Pyrrhonorax graculus*

Breeding 1970 230-231. Hatched 1957 168. Laid 1933 233.

Piapiac *Ptilostomus afer*

At Paignton Zoo 1925 277.

CROWS

1912 125; 1923 73b/w. Concerning crows 1936 29. Some crows 1922 16. Species kept by Amser 1922 81.

Eurasian Jackdaw *Corvus monedula*

Bred (?); 1897 141. Clever Jackdaw 1923 159-161. Curious behaviour of breeding pair 1938 165-167.

House Crow *Corvus splendens*

Breeding 2001 149-151*. Breeding wild in Holland 2000 186.

Guam Crow, Mariana Crow, Marianas Crow *Corvus kubaryi*

Breeding biology and ecology 1987 73-82b/w.

Grey Crow *Corvus tristis*

At Paignton Zoo 1915 275.

Rook *Corvus frugilegus*

1903 35; 1927 70-74. Breeding 1973 19-23. Carrier rooks 1924 65-66. Colour variety 1917 178-179. Food 1924 147-148. Hatched 1968 149. Intelligence 1922 111; 1929 125-127. Tame 1921 6-10; 1932 85.

Tamaulipas Crow *Corvus imparatus*

Breeding 1985 191-198.

Carrion Crow *Corvus corone*

1903 35; 1911 35. Head-scratching 1977 115.

Jungle Crow, Large-billed Crow *Corvus macrorhynchos*

1919 141-143.

Brown-necked Raven *Corvus ruficollis*

Odd hours with 1946 90-97

Common Raven *Corvus corax*

1905 190-195 (Wild); 1931 182-183; 1946 119-120; 1969 132. At the Tower of London 1949 39. Bred 1980 51. Breeding 1903 35; 1904 292-293,371; 1905 175; 1906 193. Breeding records 1965 159-160; 1967 208. Mischievousness of 1971 107. Mutation 1971 226. Tame 1915 182-186. Unusual nest site 1997 47. Versus rat 1921 75-76.

African White-necked Raven *Corvus albicollis*

Hand-rearing 1934 118.

Thick-billed Raven *Corvus crassirostris*

1913 36,137-139.

BIRDS OF PARADISE

1912 145; 1923 41. Alfred Ezra has twelve species 1927 173. At Chester Zoo 1965 156. At London Zoo 1905 206,228; 1908 292; 1992 147,149-150. At New York Zoo 1929 147,151,230; 1937 110. At Taronga Park 1951 33. Breeding setback 2003 88. Collection brought by Shaw Mayer 1931 325. Collections bought by Bergman 1959 139. Early importations 1932 293; 1945 44. Hardiness 1909 175. In captivity 1920 97; 1945 169 (Species kept to date); 1974 70 (A moral problem). Longevity, sixteen years old 1932 112. Mice killers 1910 360. Moulting problems 1932 138,162. Nesting behaviour 1967 116. Notes 1910 277; 1919 88.

HYBRIDS: 1990 30-31. Ribbon-tailed Bird of Paradise, Ribbon-tailed *Astrapia*
Astrapia meyeri x Brown Sicklebill *Epimachus meyeri* 1962 47.

Macgregor's Bird of Paradise *Macgregoria pulchra*
1938 65-66*.

Trumpet Bird, Trumpet Manucode *Manucodia keraudrenii*, *Phonygammus*
keraudrenii
Hatched 1916 299.

Wallace's Standardwing, Standard-winged Bird of Paradise *Semioptera wallacii*
At London Zoo 1937 50; 1927 57-65*. Imported 1926 338.

Brown Sicklebill *Epimachus meyeri*
1923 47; 1937 155*; 1942 15. Display and nest building 1972 214. Nesting 1941
203-204 (Laid).

Black-billed Sicklebill *Epimachus albertisi*
1908 330; 1923 46.

Superb Bird of Paradise *Lophorina superba*
1993 161-162. Bred 1995 175; 1999 94; 2002 91. Breeding 1968 85-90b/w.

Magnificent Rifle-Bird *Ptiloris magnificus*
1923 44-45. Laid 1911 242-243.

Paradise Rifle-Bird *Ptiloris paradiseus*
1923 44; 1962 95-97b/w. Escaped 1909 82.

Arfak Parotia, Western Parotia *Parotia sefilata*
Display 1958 3-8b/w.

Queen Carola's Parotia *Parotia carolae*
Additional display notes 1976 52-53. Display 1968 85-90b/w.

Lawes' Parotia, Lawes's Parotia *Parotia lawesii*
Observing and hand-rearing 1970 67-70b/w.

Wahnes' Parotia, Wahnes's Parotia *Parotia wahnesi*
1931 325b/w.

Magnificent Bird of Paradise *Cicinnurus magnificus*, *Diphyllodes magnificus*
1912 181-182*; 1923 54-55. Bred 2002 91. Breeding 1965 146-148; 1967 116.
Display 1922 138-140b/w.

Wilson's Bird of Paradise *Cicinnurus respublica*, *Diphyllodes respublica*
1923 56. Observations 1974 207-212.

King Bird of Paradise *Cicinnurus regius*

1908 116-117; 1909 21-23*; 1923 53-54; 1931 280-281. At Walsrode 2001 141.
Bred 2003 43. Display 1922 138. Display and breeding 1957 115-124b/w.
Imported 1907 242. Nesting habits 1930 33-35b/w (Hatched); 1932 34.

Astrapia

Nesting behaviour 1967 116.

HYBRIDS: Ribbon-tailed Astrapia, Ribbon-tailed Bird of Paradise *Astrapia mayeri* x Princess Stephanie's Astrapia, Princess Stephanie's Bird of Paradise *Astrapia stephaniae* 1963 233.

Ribbon-tailed Astrapia, Ribbon-tailed Bird of Paradise *Astrapia mayeri*

Bred 1961 170. Laid 1965 119-120. Nesting 1957 198-199 (Hatched).

Princess Stephanie's Astrapia, Princess Stephanie's Bird of Paradise *Astrapia stephaniae*

1923 46; 1926 197-202*; 1937 105b/w. Bred 1963 233. Breeding 1969 50-51.
Hatched 1962 48; 1967 172,203-204. Imported 1909 336. Laid 1911 341; 1965 117. Nest building 1967 97-98.

Rothschild's Astrapia, Huon Bird of Paradise *Astrapia rothschildi*

1932 254-255.

King of Saxony Bird of Paradise *Pteridophora alberti*

1937 239-240; 1950 156-157.

Twelve-wired Bird of Paradise *Seleucidis melanoleuca*

1918 281-283; 1923 45; 2001 141.

Paradisaea

Display behaviour 1967 117b/w.

Red Bird of Paradise *Paradisaea rubra*

1923 51. At Chester Zoo 2000 74; 2001 69*. Bred 2002 90; 2003 91. Hand-reared 1991 192. Hatched 1962 48. Laid 1961 43-44. Nest-building 1931 245.

Lesser Bird of Paradise *Paradisaea minor*

1904 26-27b/w; 1923 49-51. Bred 1961 170b/w; 1967 116. Display and attempted breeding 1992 178-182. Hand-reared 1991 192. Laid 1963 207. Observations on parent-rearing 1995 194-199.

Greater Bird of Paradise *Paradisaea apoda*

1902 245-246; 1923 47-49. Bred 2002 90; 2003 43. Eggs of 1907 364b/w; 1919 237b/w. Importations 1899 124,139; 1926 347-348. No longer exists on Little Tobago 2002 36. Notes on introduction to Little Tobago, West Indies 1911 142-147; 1914 35-41b/w; 1915 88-91; 1917 341-351; 1918 279-280; 1922 124,160; 1931 5-8b/w; 1958 150-151; 1959 86-87.

Count Raggiana Bird of Paradise *Paradisaea raggiana*

1923 49. Breeding 1944 109-116; 1959 77-78 (*Paradisaea raggiana augustaevictoriae*). Breeding results 1980 118. Five bred (*Paradisaea raggiana augustaevictoriae*) 1998 93. Plumeless male breeding 1963 233.

Goldie's Bird of Paradise, Grey-breasted Bird of Paradise *Paradisaea decora*
At London Zoo 1937 49.

Emperor Bird of Paradise, White-plumed Bird of Paradise *Paradisaea guilielmi*
Hatched 1944 125.

Blue Bird of Paradise *Paradisaea rudolphi*
1909 60-64; 1923 51-53. "A number hatched" 1962 47. At New York Zoo 1921 59. Bred 1961 170. Display 1921 151-152. Imported 1909 336. Observations and hand-rearing 1970 67-71b/w.

Grey Butcherbird *Cracticus torquatus*
Bred 1963 172.

Pied Butcherbird, Black-throated Butcherbird *Cracticus nigrogularis*
1903 69-70 (= this species?). Breeding 1981 1-2b/w.

Black Butcherbird *Cracticus quoyi*
Imported 1930 308.

Black-backed Magpie *Gymnorhina tibicen tibicen*
Bred (?) 1938 283.

White-backed Magpie *Gymnorhina tibicen hypoleuca*
1903 70-71; 1915 218-221; 1916 104-105. Exhibited 1895 27.

WOODSWALLOWS

1900 26,153,202; 1925 138. Casting pellets 1910 106. Killing mice 1908 160. Management 1907 375. Of South Australia 1949 6.
HYBRIDS: Masked Woodswallow *Artamus personatus* x White-browed Woodswallow *Artamus superciliosus* 1964 188; 1965 116-117.

Ashy Woodswallow *Artamus fuscus*
Bred 1932 101. Casting pellets 1910 106.

White-breasted Woodswallow *Artamus leucorhynchus*, *Artamus leucorhynchus*
Bred 2002 91.

Masked Woodswallow *Artamus personatus*
At London Zoo 1900 184; 1964 186-188 (Bred). Bred 1948 97. Breeding 1949 8. Hatched 1963 208.

White-browed Woodswallow *Artamus superciliosus*
1945 76. Bred 1960 229-230. Breeding 1908 299,348; 1949 7-8. Killing mice 1908 160. Notes 1918 79-83b/w (Wild).

Black-faced Woodswallow *Artamus cinereus*
Bred 1963 131.

Dusky Woodswallow *Artamus cyanopterus*
Bred 1947 76. Breeding 1949 6-7.

OLD WORLD ORIOLES

Recent imports 1987 172. Species which have been kept in captivity 1940 238.

Golden Oriole *Oriolus oriolus*
1945 50.

African Golden Oriole *Oriolus auratus*
At London Zoo 1925 191.

African Black-headed Oriole, Eastern Black-headed Oriole *Oriolus larvatus*
Breeding 1965 50-51. Fledged 1965 10-11.

Asian Black-headed Oriole, Black-headed Oriole, Black-hooded Oriole *Oriolus xanthornus*
1958 119b/w.

Crimson-breasted Oriole, Black and Crimson Oriole *Oriolus cruentatus*
1938 308b/w.

Maroon Oriole *Oriolus traillii*
1911 184-185b/w.

Southern Figbird, Green Figbird *Sphecotheres viridis vieilloti*
Bred 1967 130.

Pied Cuckooshrike *Coracina bicolor*
Wild data 1997 115.

White-winged Triller, White-shouldered Triller *Lalage sueurii*
At London Zoo 1914 322.

MINIVETS

1925 8. Of India 1949 126. Recent imports 1990 194. What do they eat? 1993 186.

Small Minivet *Pericrocotus cinnamomeus*
1949 127. Longevity, twelve years old 1972 150.

White-bellied Minivet, Jerdon's Minivet *Pericrocotus erythropygius*
1949 127.

Short-billed Minivet *Pericrocotus brevirostris*
1909 308. At London Zoo 1913 211; 1938 205-206*; 1950 256. Exhibited 1913 93b/w.

Scarlet Minivet *Pericrocotus flammeus*
1949 126-127.

White-throated Fantail *Rhipidura albicollis*
Hand-reared 1932 102.

Willie-Wagtail, Black and White Fantail *Rhipidura leucophrys*
1900 163. Bred 1954 96.

Grey Fantail, Collared Grey Fantail *Rhipidura fulginosa*
1933 403-405; 1934 202.

DRONGOS

1923 83b/w. Recent imports 1987 172.

Black Drongo *Dicrurus macrocercus*
Bred 1992 184 (*Dicrurus macrocercus thai*).

White-bellied Drongo *Dicrurus caerulescens*
1922 91. Bred 1932 102.

Greater Racket-tailed Drongo *Dicrurus paradiseus*
Management 1904 84-86.

Cerulean Paradise Flycatcher, Rowley's Flycatcher *Eutrichomyias rowleyi*
Rediscovered 1996 41. Sighting details 1997 113.

Asian Paradise Flycatcher, Asiatic Paradise Flycatcher *Terpsiphone paradisi*
1909 260-263b/w,299; 1912 302-307. Hand-reared 1932 102.

Rufous Paradise Flycatcher, Philippine Paradise Flycatcher *Tersiphone cinnamomea*
Wild status 1997 115.

Magpie Lark *Grallina cyanoleuca*
1901 75-76,83. Breeding 1928 233-234; 1960 135-136b/w. Hatched 1931 98.

Common Iora *Aegithina tiphia*
Bred 1932 101.

Green Iora *Aegithina viridissima*
Imported 1915 352.

Brubru Shrike *Nilaus afer*
1985 174.

Black-headed Tchagra, Black-crowned Tchagra, Black-headed Bush Shrike
Tchagra senegala
1970 173*.

Brown-headed Tchagra, Brown-crowned Tchagra, Black-crowned Bush Shrike

Tchagra australis

Notes 1916 325-326 (Wild).

Bulo Burti Boubou, Bulo Burti Bush Shrike *Laniarius liberatus*

1991 159-160.

Common Gonolek, Senegal Gonolek, Barbary Shrike *Laniarius barbarus*

Bred 2000 140.

Crimson-breasted Shrike, Burchell's Gonolek *Laniarius atrococcineus*

1923 247-248; 1928 53-55*. Imported 1925 217.

Slate-coloured Boubou *Laniarius funebris*

1985 174.

Bokmakieria, Bokmakierie Bush Shrike, Bokmakierie Shrike *Telophorus*

zeylonus

Imported 1925 217.

Fiery-breasted Bush Shrike, Bush Fiery-breasted Shrike *Malaconotus cruentus*

1936 1-2* (*Malaconotus cruentus gabonensis*).

Grey-headed Bush Shrike *Malaconotus blanchoti*, *Chlorophoneus starki*

1936 171-172 (= this species?).

HELMETSHRIKES

1925 137. Recent imports 1990 193.

Long-crested Helmet Shrike, Straight-crested Helmet Shrike, White Helmet

Shrike *Prionops plumatus*

1930 186,194b/w.

Sickle-billed Vanga, Sicklebill *Falco pectoralis*

2001 142. Bred 2003 84.

NEW ZEALAND WATTLEBIRDS

Callaeatidae

North Island Kokako *Callaeas cinerea wilsoni*

1933 409-410 (Wild); 1981 58; 1985 57-58b/w.

Saddleback *Philesturnus carunculatus*, *Creadion carunculatus*

1934 142-144 (Wild); 1985 56-57b/w; 1993 163. Population increase 1994 173.

Huia *Heteralocha acutirostris*

Notes on extinction 1933 411-412. Sexing 1934 30.

PICATHARTES

Picathartidae

A history in captivity 2003 125*,167b/w. At London Zoo 1992 150. Population survey 1995 86.

White-necked Picathartes, White-necked Rockfowl, White-necked Bald Crow

Picathartes gymnocephalus

At London Zoo 1955 37; 1957 108b/w,170. Hatched and partially hand-reared 1965 159.

Grey-necked Picathartes, Grey-necked Rockfowl, Grey-necked Bald Crow

Picathartes oreas

1949 149-154b/w*,229-230. Bred 1972 70.

SILKY FLYCATCHERS AND WAXWINGS

Bombycillidae

Grey Silky Flycatcher *Ptilogonys cinereus*

Breeding 1954 16-18. Imported 1927 113.

Phainopepla, Shining Flycatcher *Phainopepla nitens*

1909 294-296.

WAXWINGS

1925 139. Recent imports 1990 193.

Bohemian Waxwing *Bombycilla garrulus*

1903 357-366 (Hatched); 1909 115-119b/w* (Correction 176); 1931 173-174 (Reared to eleven days); 1945 51-53. Breeding 1964 191-195b/w; 1970 12-15. Hatched 1961 169. In Yorkshire 1914 177-178. Irruption into Norfolk 1916 219-221. Nesting 1904 22-25. Southern migration 1904 117-118.

Japanese Waxwing *Bombycilla japonica*

Breeding 1997 93.

Cedar Waxwing *Bombycilla cedrorum*

1921 49-50b/w; 1931 108-110. Breeding 1980 67-69. Five little waxwings 1916 314-317.

DIPPERS

Cinclidae

Dipper, White-throated Dipper *Cinclus cinclus*

In captivity 1902 76-77. Keeping 1971 171-173. Nestlings reared on scalded mealworms 1931 186. Note 1912 143; 1943 135.

TRUE THRUSHES, OLD WORLD FLYCATCHERS, CHATS AND ROBINS

Muscicapidae

ROCK THRUSHES

At Riva 1904 214. European Rock Thrushes 1910 157.

Rufous-tailed Rock Thrush, Mountain Rock Thrush *Monticola saxitalis*

1899 50-52. Breeding 1909 279-286,311-319; 1910 324-328. Hatched 1898 116.
Plumage of young 1910 105-106.

Blue-headed Rock Thrush, Blue-capped Rock Thrush *Monticola cinclorhynchus*

1913 349-350*. Breeding 1960 167-170. Longevity, fourteen years old 1941 197.
Wild 1908 277.

White-throated Rock Thrush *Monticola gularis*

1931 161-162.

Chestnut-bellied Rock Thrush *Monticola rufiventris*

1913 253-254*.

Blue Rock Thrush *Monticola solitarius*

1897 101-104b/w; 1903 339-340; 1912 156-157; 1931 39-44 (Wild),161.
Breeding 1931 265-270. Killing mice 1933 90.

Malabar Whistling Thrush *Myiophoneus horsfieldii*, *Myiophonus horsfieldii*

Supposed new Whistling Thrush 1901 184-191,202-211; 1904 129.

Blue Whistling Thrush, Himalayan Whistling Thrush, Himalayan Blue Whistling Thrush *Myiophoneus caeruleus*, *Myiophonus caeruleus*

1903 196-201b/w; 1922 71. Breeding 1989 103. Breeding notes 1997 57.
Whistling schoolboys 1944 140-141.

Chestnut-capped Ground Thrush, Chestnut-capped Thrush, Chestnut-headed Thrush, Kuhl's Ground Thrush *Zoothera interpres*

Bred 1934 30. Imported 1930 308.

Red-backed Ground Thrush, Red-backed Thrush, Red-capped Ground Thrush *Zoothera erythronota*

1914 137-138b/w.

Chestnut-backed Ground Thrush, Chestnut-backed Thrush *Zoothera dohertyi*

Breeding 2003 150-153*.

Orange-headed Ground Thrush, Orange-headed Thrush *Zoothera citrina*

1909 333; 1941 199. Bred 1937 84; 1970 246. Bred for ninth successive season
1939 49. Breeding 1911 368; 1915 30-35b/w. Nesting 1911 272 (Hatched).

White-throated Ground Thrush, White-throated Thrush *Zoothera citrina cyanotus*

1904 179-188*. Bred 1912 251-252.

Aztec Thrush, Aztec Ground Thrush *Zoothera pinicola*

1912 118; 1913 101-102*.

Abyssinian Ground Thrush, Ethiopian Ground Thrush, Orange Ground Thrush *Zoothera piaggiae*

Breeding 1971 168.

BLUEBIRDS

Notes on bluebirds 1960 72. Recently imported 1937 139.

Eastern Bluebird *Sialia sialis*

1908 47-50*,51-53; 1912 86-88; 1929 313-321 (Bred); 1931 270-273; 1937 142-145; 1941 20-21. Behaviour 1927 343; 1928 48. Bred 1896 137-138; 1931 185-186; 1940 94-95,274; 1944 145-146. Breeding 1895 117-118. Failure in rearing 1899 192. Fertility of stored eggs 1940 184. First brood helping rear second 1896 157. Nest 1899 151-152. Parents given liberty to find food for chicks 1931 271. Polygammy 1895 117. Rearing Spotted Flycatchers *Muscicapa striata* 1940 19-20. Using Robins *Erithacus rubecula* as fosters 1931 272; 1932 209-215; 1937 146-147; 1938 45.

Western Bluebird, Mexican Bluebird *Sialia mexicana*

Bred 1953 176; 1960 72b/w. Breeding 1937 243-244*; 1940 21-24; 1993 12-16. Hatched 1940 95. Wild in Tahiti 1940 284-285 (Bred at liberty); 1944 138-139 (Bred).

Mountain Bluebird *Sialia currucoides*

1938 33*. Breeding 1938 220-221; 1954 41-46*,150; 1957 177; 1958 190-191; 1975 15-22b/w.

Myadestes

HYBRIDS: Slate-coloured Solitaire, Grey Solitaire *Myadestes unicolor* x Brown-backed Solitaire, Mexican Solitaire *Myadestes occidentalis* 1948 160.

Townsend's Solitaire *Myadestes townsendi*

1909 319-321b/w. Bred 1938 284.

Brown-backed Solitaire, Mexican Solitaire *Myadestes occidentalis*

Bred 1956 84. Breeding 1993 136-147.

Rufous-throated Solitaire *Myadestes genibarbis*

Wild 1930 146-147.

Slate-coloured Solitaire, Grey Solitaire *Myadestes unicolor*

At London Zoo 1904 277. The Clarino 1929 91; 1954 215-216.

Catharus

In captivity 1956 183b/w.

Veery, Wilson's Thrush *Catharus fuscescens*
1909 101-103,181-183*.

Hermit Thrush *Catharus guttatus*
1909 99-101,177-181*; 1927 334-338. Poem 1916 289.

Olive-backed Thrush, Swainson's Thrush *Catharus ustulatus*, *Catharus ustulatus swainsoni*
Breeding 1959 112-116.

Wood Thrush *Catharus mustelinus*, *Hylocichla mustelina*
1909 103-104. Behaviour of a tame thrush 1928 288-290 (= this species?). Bred 1938 284; 1951 21.

Groundscraper Thrush *Psophocichla litsipsirupa*
Bred 1991 43.

THRUSHES

1924 206b/w. Breeding records 1938 283. Recent imports 1990 192. Small thrushes 1925 62.

HYBRIDS: Blackbird *Turdus merula* x American Robin *Turdus migratorius* 1959 125b/w. Grey-winged Blackbird *Turdus boulboul* x Blackbird *Turdus merula* 1905 301. Pale Thrush *Turdus pallidus* x Red-bellied Thrush, Red-billed Thrush, Brown Thrush, Japanese Brown Thrush, Japanese Thrush *Turdus chrysolaus* 1934 315. Grey Thrush, Japanese Thrush *Turdus cardis* x Clay-coloured Thrush, Gray's Thrush *Turdus grayi* 1962 66.

Kurrichane Thrush *Turdus libonyomus*
Breeding 1963 80-82.

Olive Thrush, Cape Thrush *Turdus olivaceus olivaceus*
Breeding 1924 255-256b/w; 1981 98.

Jackson's Thrush, Abyssinian Thrush *Turdus olivaceus abyssinicus*
Breeding 1937 279-280.

Tickell's Thrush *Turdus unicolor*
Bred 1938 283. "Young about to leave nest" 1904 329.

Grey-backed Thrush *Turdus hortulorum*
Breeding 1969 51. Second generation 1970 35.

Grey Thrush, Japanese Thrush *Turdus cardis*
Bred 1960 219; 1963 238.

Ring Ouzel *Turdus torquatus*
1940 165-167b/w (Bred),233-234.

Grey-winged Blackbird *Turdus boulboul*

Bred 1909 334. Imported 1904 57,116-117. Notes 1905 243-247; 1906 312,344. Longevity, twenty-five years old 1932 323.

Blackbird *Turdus merula*

Additional notes 1982 198-204. Age indicator 1898 18. Bred 1969 246. Breeding 1981 125-129b/w. Breeding for colour 1934 182-184b/w. Liberty 1950 264-265. Nesting notes 1911 257-259 (Hatched). Partial albinism 1902 97. Pied 1895 67. Tame 1895 107. Variations 1918 170. Visually impaired 1986 40-46. White 1936 190.

Island Thrush *Turdus poliocephalus*

Breeding note 1997 57. Bred 2001 98.

Fieldfare *Turdus pilaris*

1923 249-250; 1926 106-110. Bred 1969 247-248. Refusing unnatural foods 1984 246-248.

Redwing *Turdus iliacus*

1926 106-110. Breeding 1960 166-167.

Song Thrush *Turdus philomelos*

Albino 1897 77. Bred 1969 244-245. Fish-catching 1907 105. Nesting observations 1948 55-56 (Bred).

Mistle Thrush *Turdus viscivorus*

1924 210-211; 1969 246-247. Clutch size 1905 170. Rearing of a wild 1949 188-189.

Great Thrush, Argentine Blackbird *Turdus fuscater*

Nesting 1910 257-269 (Bred).

Plumbeous-backed Thrush, Reeve's Thrush *Turdus reevei*

1938 233-234b/w.

Rufous-bellied Thrush *Turdus rifiventris*

A long-lived 1943 168 (Aviary bred).

Pale-breasted Thrush *Turdus leucomelas*

Bred 1963 206 (Uncertain identification).

Cocoa Thrush, Pale-vented Thrush *Turdus fumigatus*

Breeding 1964 46-47.

Clay-coloured Thrush, Gray's Thrush *Turdus grayi*

Bred 1938 283.

Bare-eyed Thrush, Yellow-eyed Thrush *Turdus nudigenis*

1977 208.

White-throated Thrush, Sorry Thrush *Turdus assimilis*
Bred 1938 283.

White-necked Thrush *Turdus albicollis*
Bred 1947 107.

American Robin *Turdus migratorius*
1909 104-108; 1915 30; 1941 199. Acclimatising 1943 138-139; 1944 72. Bred
1940 94; 1953 141. Bred at semi-liberty 1933 165. Breeding 1903 273-276; 1915
33-36. Naturalisation 1910 104-105. Notes 1913 223-224. Paired to Song Thrush
Turdus philomelos 1959 128-130.

SHORTWING

A newly discovered species 1983 53.

Silverbird *Empidonis semipartitus*
Breeding 1973 183-189.

FLYCATCHERS

1925 9. Recent imports 1988 169.

Spotted Flycatcher *Muscicapa striata*
1895 57-58; 1923 278; 1975 212-213. Association with bees 1923 70-71,106.
Breeding 1969 15-16. Breeding record 1934 316.

Verditer Flycatcher, Indian Verditer Flycatcher *Eumyias thalassina*, *Muscicapa thalassina*
1909 277-279*. Bred 2001 184.

Pied Flycatcher *Ficedula hypoleuca*
1975 213-215b/w.

Orange-gorgetted Flycatcher, Rufous-gorgetted Flycatcher *Ficedula strophciata*
1955 90-91.

Lompobattang Flycatcher *Ficedula bonthaina*
Rediscovered 1996 41.

Blue and White Flycatcher *Cyanoptila cyanomelana*
Blue Niltava 1913 189-192*; 1945 53-54; 1958 187-188; 1959 58. Breeding and
behaviour 1988 190-194b/w.

Large Niltava, Great Niltava *Niltava grandis*
1913 211. Breeding 1995 25-29. "Half built a nest" 1938 43.

Small Niltava, Lesser Niltava *Niltava macgrigoriae*
1923 33. Hatched 1968 153.

Rufous-bellied Niltava *Niltava sundara*

1903 24-26; 1904 21*; 1950 216-218 (Hatched). Aggression 1965 136. Bred 1937 363; 1964 57; 1965 54,88-90. Breeding 1961 175-181.

Great-billed Niltava, Large-billed Niltava, Large-billed Blue Flycatcher, Long-billed Blue Flycatcher, Sunda Blue-Flycatcher *Cyornis caerulatus, Niltava caerulata*

Exhibited 1911 77.

Blue-throated Flycatcher *Cyornis rubeculoides, Niltava rubeculoides*

At London Zoo 1911 303.

Tickell's Blue Flycatcher, Tickell's Niltava *Cyornis tickelliae, Niltava tickelliae*

Breeding 1966 115-117.

ROBINS

1916 345; 1924 229*.

White-starred Bush Robin, White-starred Robin *Pogonocichla stellata*

1921 105-106.

Forest Robin Chat, Forest Akalat *Stiphronis erythrothorax*

Laid 1952 153.

European Robin *Erithacus rubecula*

1895 74-75. Appreciation of kindness by 1904 283. Age of 1912 142. "Bobs" and "Billy" 1914 115-116. Breeding 1970 158-160. Introduced to America 1960 82. Name 1916 346. Partial breeding success 1969 168-173 (Hatched). Returning to deserted nest 1927 54-55. Robins and some others 1917 159-164. Sexing 1920 108-109.

Japanese Robin *Erithacus akahige*

Hatched 1929 29; 1930 105; 1931 98.

RyuKyu Robin, Riukiu Robin, Korean Robin *Erithacus komadori, Luscinia komadori*

Breeding 1953 208-210. Imported 1910 239-240b/w.

Red-tailed Robin, Rufous-tailed Robin, Swinhoe's Robin *Luscinia sibilans, Erithacus sibilans*

Notes on the chirping nightingale 1940 79-81.

Thrush Nightingale *Luscinia luscinia*

Breeding 1911 317-324b/w,370-374; 1914 178. Migration 1912 58-59. Note 1898 197.

Common Nightingale *Luscinia megarhynchos*

1920 137; 1922 72; 1937 163-164b/w; 1975 216-217. Breeders of 1969 114-115. Breeding 1903 251-252; 1912 170-171. Breeding records 1973 66. Coming of 1917 185-189b/w,261,263. Food for 1907 42. In Devon 1917 289,320. In Lancashire 1898 157-159. Longevity, six years 1897 155. Migration 1912 58-59.

Observations on 1982 210-213. Observed off South Africa 1903 283-284.
Released in New Zealand 1929 83.

Siberian Rubythroat *Luscinia calliope*, *Erithacus calliope*
1937 34-35 (Semi-albinistic specimen). Breeding 1962 155-158. Wild in UK 1997
139.

Himalayan Rubythroat, White-tailed Rubythroat *Luscinia pectoralis*, *Erithacus pectoralis*
1908 279-281. Breeding 1962 158-161.

Bluethroat *Luscinia svecica*
1931 139-141; 1975 218-219 (*Luscinia svecica cyanecula*); 1976 181-182*.
Breeding the White-spotted Bluethroat (*Luscinia svecica cyanecula*) 1975 191-
195b/w.

Indian Blue Robin, Indian Bluechat *Luscinia brunnea*
Breeding 1969 265-270b/w.

Siberian Blue Robin *Luscinia cyane*
Breeding 1993 93-94. Netted in Channel Islands 1977 171.

Orange-flanked Bush Robin, Red-flanked Bluetail *Tarsiger cyanurus*
1914 118; 1939 275-276*. Hatched 1968 153.

Golden Bush Robin *Tarsiger chrysaeus*
Reared to independence 1968 153.

Cape Robin Chat *Cossypha caffra*
Breeding 1954 66-68. Imported 1921 108.

Blue-shouldered Robin Chat *Cossypha cyanocampter*
1952 1-2*. Laid 1952 153.

White-browed Robin Chat *Cossypha heuglini*
1971 85-87*. Bred 1968 25.

Red-capped Robin Chat, Natal Robin Chat *Cossypha natalensis*
1927 26. Breeding 1964 70-72. "have young" 1959 83.

Snowy-crowned Robin Chat, Snowy-headed Robin Chat *Cossypha niveicapilla*
Bred 1968 25.

White-crowned Robin Chat, White-capped Robin Chat *Cossypha albicapilla*
1920 145,176-181. Breeding 1939 304.

Spotted Morning Thrush, Spotted Morning Warbler *Cichladusa guttata*
1975 24-25 (Mimicry). Breeding 1973 181*,182-183.

Seychelles Magpie Robin *Copsychus sechellarum*

1972 105. Population increase 1996 44.

Dhyal Bird, Magpie Robin, Oriental Magpie Robin *Copsychus saularis*
1898 148; 1950 259 (Bred); 1958 155-157*. Aggression 1899 180. Albino 1937
247. Bred 1960 233-234; 1963 37,213. Breeding 1933 60. Breeding record 1901
85. Nesting of 1899 145-147 (Bred). Notes 1913 223-224; 1982 243-256.

White-rumped Shama *Copsychus malabaricus*
1898 67-68b/w,138-142 (Bred); 1901 149-152; 1902 149; 1905 339; 1907 163-
165*; 1930 313-314*; 1950 258-259 (Hatched). Arrival of Kate 1917 115-117. As
pet 1899 132-134; 1910 132; 1914 221-222b/w; 1926 61-64. Bred 1930 127-128;
1951 118-121. "Bred some years ago" 1897 212. Breeding 1931 91; 1932 258-
259; 1938 18-21. Breeding attempt in domestic environment 1978 95-102b/w.
Breeding note 1918 137. Broken leg removed 1900 207-208. Catching fish 1911
129-130,172; 1933 233. Crazy mother 1924 105-107. Curious death 1919 146-
147. Deserting young 1905 339-340. Episodes in life of a pair 1917 265-268b/w
(Bred),351-352. Hatched 1934 161. Historical notes 1948 172-173. Longevity
records 1933 65; 1940 53-54,84. Male killing young 1969 129. Mimicry 1933 108.
Notes 1954 214-215; 1982 243-256. Shama Club 1977 111. Tail of 1899 32-33.

Strickland's Shama, Black Shama, White-crowned Shama *Copsychus
stricklandii*
1937 261.

White-browed Shama, White-eyebrowed Shama *Copsychus luzoniensis*
1969 164.

Indian Robin, Black-backed Robin, Brown-backed Robin *Saxicoloides fulicata*
At London Zoo 1912 253. Bred 1955 106. Breeding 1961 123. *1924 226.

Blue-headed Redstart, Blue-capped Redstart *Phoenicurus caeruleocephalus*
1908 279.

Black Redstart *Phoenicurus ochruros*
Breeding 1967 156-157 (South-Eastern Black Redstart *Phoenicurus ochruros
rufiventris*); 1972 184. Breeding haunts 1916 300-304,350. Molt of immature
1913 125-126,155-156,184,250. Note 1975 217. Nesting 1912 293-297b/w (Bred).

Common Redstart *Phoenicurus phoenicurus*
1902 190-193; 1995 200-202. Bred 1938 284.

Daurian Redstart *Phoenicurus aureoreus*
Breeding 1960 216-218; 1989 105.

White-capped Redstart, White-capped Water Redstart *Chaimarrornis
leucocephalus, Chaimarriornis leucocephalus, Phoenicurus leucocephalus*
1965 137-139*. Breeding 1965 139-141. Hatched 1965 54. *1924 226.

White-tailed Robin *Cinclidium leucurum*
Breeding 1991 2,9-12.

Sunda Blue Robin, Sunda Robin *Cinclidium diana*
Hatched 2001 142.

Plumbeous Redstart, Plumbeous Water Redstart *Rhyacornis fuliginosus*,
Phoenicurus fuliginosus
1908 278. Breeding note 1997 60.

Hodgson's Grandala, Grandala *Grandala coelicolor*
1964 79*; 1992 138-139.

White-crowned Forktail *Enicurus leschenaulti*
Chinese Forktail 1929 283-284b/w. Imported 1930 308.

Whinchat *Saxicola rubetra*
As a songbird 1913 103-106. Nesting 1913 24-32 (Bred).

Common Stonechat *Saxicola torquata*
1975 211-212. Bred 1911 52; 1913 27. Breeding 1961 147-149; 1970 227-230.

Pied Bush Chat *Saxicola caprata*
At London Zoo 1911 303. Bred 1938 284. Breeding 1962 162-164.

Jerdon's Bushchat *Saxicola jerdoni*
Pied Chat (*Saxicola leucomelaena*) 1913 199,287b/w (= this species?).

Wheatear *Oenanthe oenanthe*
1975 217-218. Bred to third generation 1975 232. Breeding 1966 153-154.

Mountain Wheatear *Oenanthe monticola*
1908 252-256; 1909 131-133. Widowed hen lays 1910 316.

Pied Wheatear *Oenanthe pleschanka*
1913 199-200b/w.

Mocking Cliffchat *Thamnolaea cinnamomeiventris*, *Myrmecocichla*
cinnamomeiventris
1935 33b/w.

STARLINGS, MYNAHS, MOCKINGBIRDS, THRASHERS AND CATBIRDS

Sturnidae

STARLINGS

1911 312; 1923 83b/w. Gapeworm 1987 94. Long-lived 1950 143. Some African
1972 15. Unsafe with other birds 1931 26. Use of dung and leaves by African
starlings 1980 111.

HYBRIDS: Gold-breasted Starling, Royal Starling *Cosmopsarus regius* x Superb Starling, Spreo Starling *Lamprotornis superbus*, *Spreo superbus* 1931 226; 1965 117.

Mountain Starling *Aplonis santovestris*
1999 93.

Singing Starling *Aplonis cantoroides*
Breeding 1996 161-166.

Philippine Glossy Starling, Asian Glossy Starling, Malay Glossy Starling
Aplonis panayensis
1969 153-161b/w*. Bred 1931 23; 1957 172; 2002 99. Breeding 1960 9-12; 1969 280. Hand-rearing 2000 122-126*.

Shining Starling, Metallic Starling, Colonial Starling *Aplonis metallica*
1910 181. Bred 2002 91. Exhibited 1906 174; 1907 150.

Tristram's Starling *Onychognathus tristramii*
Early importation 1920 210.

African Red-winged Starling *Onychognathus morio*
1920 210; 2003 38. Bred 2002 99. Breeding 1964 133-135; 1982 191,192.

Slender-billed Red-winged Starling, Slender-billed Starling, Thin-billed Chestnut-winged Starling *Onychognathus tenuirostris*
Hatched 1933 126. Laid 1931 330.

Bristle-crowned Starling *Onychognathus salvadorii*
Bred 1933 125 (Female given liberty while feeding young). Breeding 1931 305-306. Imported 1926 158. Two pairs hatched young 1931 98.

Emerald Starling, Iris Glossy Starling *Coccycolius iris*, *Lamprotornis iris*
1955 267*. At London Zoo 1955 38. Bred 1981 61; 1982 58-59. Breeding 1994 35-39*. Breeding notes 1997 51-52. Longevity, seventeen years old 1972 220. Note 1980 N/L. Use of leaves when nesting 1980 112.

GLOSSY STARLINGS

1913 331; 1925 200.

HYBRIDS: Purple Glossy Starling *Lamprotornis purpureus* x Green Glossy Starling, Blue-eared Glossy Starling *Lamprotornis chalybaeus* 1977 23.

Purple-headed Glossy Starling *Lamprotornis purpureiceps*
Breeding 1969 6-8. Hatched 1931 258; 1933 128-129. Longevity, twenty-seven years old 1951 28.

Purple Glossy Starling *Lamprotornis purpureus*
Breeding 1932 227-228. Longevity, twenty years 1968 103.

Short-tailed Glossy Starling *Lamprotornis chalcurus*

Bred 1925 202-203.

Green Glossy Starling, Blue-eared Glossy Starling *Lamprotornis chalybaeus*
1903 170-171; 1953 177. Breeding 1930 235-236. Breeding record 1925 202.
Jumbo, a Glossy Starling 1943 125-127. Notes 1953 46-53b/w (Bred). Sexing by
voice 1933 258.

Splendid Glossy Starling *Lamprotornis splendidus*
1925 204. Breeding 1983 189-191*; 1996 31-33. Breeding notes 1997 52.

Long-tailed Glossy Starling *Lamprotornis caudatus*
1903 169-170. Bred 1995 175. In field and aviary with observations on co-
operative breedings 1988 143-156b/w.

**Rueppell's Glossy Starling, Ruppell's Long-tailed Glossy Starling, Long-tailed
Glossy Starling** *Lamprotornis purpuropterus*
Breeding 1933 357-358. Fledged 1931 330. Laid 1930 303.

Superb Starling, Spreo Starling *Lamprotornis superbus, Spreo superbus*
1925 297-298*; 1968 113-123b/w*; 1974 113. Bred 1924 304-305; 1931 97; 1951
123-125; 1971 54. Breeding 1968 112. Gregarious nesting 1924 168. Hand-reared
1930 47. Longevity, fourteen years 1998 9. Nest helpers 1987 94. Possible
explanation of failure to rear 1957 177. Ready to leave nest 1962 41. Respiratory
mite 1996 56.

Chestnut-bellied Starling, Beautiful Starling *Lamprotornis pulcher, Spreo pulcher*
Imported 1925 191,263-264.

Shelley's Starling *Lamprotornis shelleyi*
Breeding 1964 198-200.

Sharpe's Starling *Cinnyricinclus sharpii, Pholia sharpii*
Range extension 2003 144.

Abbot's Starling *Cinnyricinclus femoralis, Pholia femoralis*
Concern for wild population 2003 144.

Violet-backed Starling, Violet Starling *Cinnyricinclus leucogaster*
1908 269-272*,273-277; 1921 121-122*; 1960 71-72. Breeding 1935 295-300;
1959 44-46b/w; 1991 144-146. In Israel 2000 186. Note 1982 126. Twenty-one
years old 1943 112. Use of dung and leaves when nesting 1980 111-112.

Magpie Starling *Speculipastor bicolor*
1964 34-35. Breeding 1964 196-198b/w.

African Pied Starling *Spreo bicolor*
Imported 1921 41. Observations on breeding 1993 182-185.

White-crowned Starling *Spreo albicapillus*
Breeding 1929 175-176. Hatched 1931 98. Imported 1926 183.

Royal Starling, Gold-breasted Starling *Cosmopsarus regius*

1925 297-298*; 1990 89-91. Bred 2002 91. Breeding 1930 305,327; 1938 17-18,115; 1984 34-35.

Ashy Starling *Cosmopsarus unicolor*

Bred 1995 175. Breeding 1991 163-166b/w.

Spotted-winged Starling *Saraglossa spiloptera*

1903 51-54,276-277; 1931 318-319. At London Zoo 1920 187. Breeding 1969 262-265b/w.

Wattled Starling *Creatophora cinerea*

1951 79-82*. Bred 1970 249; 1972 17-18. Breeding 1971 158-159. Hatched 1971 41. Twenty-two bred 2000 140.

Sturnus

HYBRIDS: Andaman Starling, Andaman Grackle, White-headed Starling *Sturnus erythropygius andamanensis* x Ashy-headed Starling, Chestnut-tailed Starling, Grey-headed Starling, Malabar Mynah, Malabar Starling *Sturnus malabaricus* 1905 287 (Hatched). Ashy-headed Starling, Chestnut-tailed Starling, Grey-headed Starling, Malabar Mynah, Malabar Starling *Sturnus malabaricus* x Brahminy Starling, Black-headed Starling, Pagoda Mynah, Brahminy Mynah *Sturnus pagodarum* 1957 47; 1972 51. Brahminy Starling, Black-headed Starling, Pagoda Mynah, Brahminy Mynah *Sturnus pagodarum* x Ashy-headed Starling, Chestnut-tailed Starling, Grey-headed Starling, Malabar Mynah, Malabar Starling *Sturnus malabaricus* 1966 127. Rosy Pastor *Sturnus roseus* x Brahminy Starling, Black-headed Starling, Pagoda Mynah, Brahminy Mynah *Sturnus pagodarum* 1960 235.

Ashy-headed Starling, Chestnut-tailed Starling, Grey-headed Starling, Malabar Mynah, Malabar Starling *Sturnus malabaricus*

Bred 1948 21. Breeding 1901 13-17; 1932 318-319 (*Sturnus malabaricus nemoricola*); 1971 188-189; 1972 7-8. Early breeding record 1903 43.

Andaman Starling, Andaman Grackle, White-headed Starling *Sturnus erythropygius andamanensis*

Breeding 1993 128-129b/w. Nesting of 1901 192-196 (Bred).

Brahminy Starling, Black-headed Starling, Pagoda Mynah, Brahminy Mynah *Sturnus pagodarum*

Bred 1971 55. Breeding 1901 197-199; 1969 121-123. Breeding records 1968 31.

Silky Starling, Red-billed Starling *Sturnus sericeus*

Breeding 1935 214.

Chinese Starling, White-shouldered Starling, Grey-backed Starling *Sturnus sinensis*

Bred 1993 105. Concerning colour phases 1951 198.

Rose-coloured Starling, Rosy Pastor, Rosy Starling *Sturnus roseus*

1899 40; 1900 16. Breeding 1934 300-301. In London 1903 370.

Common Starling *Sturnus vulgaris*

Breeding 1969 241-243. Change of habit 1905 115,144. Do they eat bees? 1928 168-169. Hand-reared 1931 256-257. Heavy mortality 1969 151. In Texas 1936 333-335. Talking 1895 82-83. Tame 1924 305-306. Variation 1918 169. "Wilberforce" 1937 238-239.

Spotless Starling *Sturnus unicolor*

Breeding 1971 166-167.

Asian Pied Starling, Pied Mynah *Sturnus contra*

Bred 1903 111.

Black-collared Starling *Sturnus nigricollis*

Bred 1971 227. Breeding 1970 6-8b/w. Co-existing with Bali Starling, Bali Mynah Rothschild's Grackle *Leucopsar rothschildi* in limited space 2002 154-164*. Exhibited 1897 23; 1911 36-37; 1912 336 (Laid).

Jerdon's Starling, Vinous-breasted Starling *Sturnus burmannicus*

Breeding 1972 11-13.

Black-winged Starling *Sturnus melanopterus*

Bred 1922 159-160. Breeding 1923 175-177; 1930 305,327. Request for information 2003 Number 4 (Inside back cover).

Bali Starling, Bali Mynah, Rothschild's Grackle *Leucopsar rothschildi*

1931 93-94*; 1981 63. AAZPA Survival Plan 1993 208-212. An appeal for co-operation 1968 19-20. At Jersey Zoo 1980 30-32b/w. At semi-liberty 1966 106-107. Behaviour and ecological requirements 2001 10-20*. Bred 1963 257; 1968 66b/w; 1995 208. Breeding 1931 306-307; 1962 153-154b/w. Breeding project raided 2000 44. Captive management at Jurong Bird Park 1995 18-24; Visit to see 1999 54-56. Co-existing with Black-collared Starling *Sturnus nigricollis* in limited space 2002 154-164*. Jersey breeding results 1978 116. Protection 1980 109-110. Register and Census Report 1969 101-106; 1970 115-129. Release programme 1991 44. Sexing 1978 115. Studbook 1987 240-241; 1992 195-196. Wild status 1988 108-109; 1991 191.

Acridotheres

HYBRIDS: Common Mynah *Acridotheres tristis* x Chinese Jungle Mynah, Crested Mynah *Acridotheres cristatellus* 1969 277. Crested Mynah, Chinese Jungle Mynah *Acridotheres cristatellus* x Common Mynah *Acridotheres tristis* 1898 137 (Hatched).

Bank Mynah *Acridotheres ginginianus*

Breeding 1986 8-10b/w.

Common Mynah *Acridotheres tristis*

Bred 1930 47. Increased population of introduced birds 2001 185. Introduced 1999 93. Trial introduction into South America 1897 159.

Crested Mynah, Chinese Jungle Mynah *Acridotheres cristatellus*
1968 161-169b/w.

Golden-crested Mynah *Ampeliceps coronatus*
Artificially incubated and reared 1990 188-189. At London Zoo 1904 275.
Breeding 1964 216-218; 1966 128-129. Sexing 1965 118-119.

Golden-breasted Mynah, Golden Mynah *Mino anais*
Artificially incubated and reared 1990 188-189. Breeding 1993 203.

Dumonti's Mynah, Yellow-faced Mynah *Mino dumontii*
Bred 2002 97.

Sulawesi King Starling, Sulawesi Mynah *Basilornis celebensis*
Artificially incubated and reared 1990 188-189.

White-collared Mynah, Sulawesi Magpie, White-necked Mynah *Streptocitta albigollis*
Artificially incubated and reared 1990 188-189.

Coledo Starling, Bald Starling *Sarcops calvus*
1906 191-192b/w. Bred 1991 149. Breeding 1978 1b/w; 1986 10-13b/w. Hatched
1983 146-147. Nesting 1978 145-146b/w (Fledged).

Hill Mynah, Southern Grackle *Gracula religiosa*
Bred 1959 140; 1960 43; 1967 202; 1974 160. Breeding 1957 160-162b/w; 1969
173-176; 1980 5-9. Breeding in artificial nests 1968 180-181b/w. Longevity,
nineteen years 1965 160. Random notes 1966 93-95*. Second generation breeding
1993 195-197. Trade 1969 253-255b/w.

Grosbeak Starling, Finch-billed Mynah *Scissirostrum dubium*
1940 32; 1947 110. Artificially incubated and reared 1990 188-189. Bred 1994
107. Breeding 1985 126-129; 1987 109-110.

OXPECKERS

Behaviour of 1958 23 (Wild).

Yellow-billed Oxpecker *Buphagus africanus*
1954 246. Longevity, twelve-and-a-quarter years 1968 27.

Red-billed Oxpecker *Buphagus erythrorhynchus*
Captive behaviour 1963 113-117b/w. Hatched 2001 98. Re-location 1999 143.

MOCKINGBIRDS

1924 125. Breeding records 1938 283.

Grey Catbird *Dumetella carolinensis*
Bred 1951 21. Nesting 1902 226-228 (Hatched), 285, 287. Poem 1902 287.

Northern Mockingbird, American Mockingbird *Mimus polyglottos*
Aggression 1902 55. Behaviour changes in injured juveniles 1978 51-56. Breeding
1901 181-184. Homeless young 1937 254-256. Note 1899 167. Wild 1928 41-43.

White-banded Mockingbird *Mimus triurus*
Note 1920 195.

Long-tailed Mockingbird *Mimus longicaudatus*
Imported 1915 278.

Brown Thrasher *Toxostoma rufum*
1915 23-24*.

Bendire's Thrasher, Bendire Thrasher *Toxostoma bendirei*
At London Zoo 1911 339.

Grey Thrasher *Toxostoma cinereum*
Note 1912 98.

Brown Trembler *Cinclocerthia ruficauda*
1930 149-150.

NUTHATCHES AND WALLCREEPER *Sittidae*

NUTHATCHES
1913 77; 1925 67.

Eurasian Nuthatch, Wood Nuthatch *Sitta europaea*
1913 77-78. Bred 1938 282. Notes on breeding 1970 10-11. Self preservation 1948
133.

Chestnut-bellied Nuthatch, Chestnut-breasted Nuthatch *Sitta castanea*
At London Zoo 1911 303.

White-tailed Nuthatch *Sitta himalayensis*
Bathing technique 1936 251.

Red-breasted Nuthatch *Sitta canadensis*
Breeding in captivity 1975 144-147. Nesting 1917 279-283 (Wild).

White-breasted Nuthatch *Sitta carolinensis*
Bred 1938 282.

Velvet-fronted Nuthatch *Sitta frontalis*
Possible importation 1913 220.

Wallcreeper *Tichodroma muraria*

1908 224-229; 1920 199-201; 1944 148-149. Bred 1913 348; 1973 103; 1994 183.
Wild in Britain 1977 171.

TREE CREEPERS

Certhiidae

Common Tree-Creeper *Certhia familiaris*

Breeding 1968 200-202. Hatched 1911 271. "Hatched in captivity" 1913 348. Self preservation 1948 133.

WRENS

Troglodytidae

Canyon Wren *Catherpes mexicanus*

1952 132-133.

Wren, Winter Wren *Troglodytes troglodytes*

Breeding record 1934 316.

PENDULINE TITS, TITS AND CHICKADEES

Paridae

Eurasian Penduline Tit *Remiz pendulinus*

At London Zoo 1905 375.

Fire-capped Tit Warbler *Cephalopyrus flammiceps*

Exhibited 1914 118.

TITS

1925 118. Hybrids and breeding records 1938 282. Recent imports 1988 169.

Coal Tit *Parus ater*

Bred 1938 282.

Crested Tit *Parus cristus*

Random notes 1913 176-177b/w.

Southern Black Tit *Parus niger*

Laid 1965 119.

Great Tit *Parus major*

Bred 1913 382. Bred at semi-liberty 1933 165. Hatched 1913 382. Indian Grey Tit 1919 147-148b/w. Murderers 1912 60. Note 1941 195-196. Ox-eye Tit 1896 106-107.

Black-spotted Yellow Tit, Black-lored Tit *Parus xanthogenys*

At London Zoo 1911 303.

Blue Tit *Parus caeruleus*

Bred 1941 195. Bred at controlled liberty 1968 212.

Azure Tit *Parus cyanus*

Exhibited 1913 91.

LONG-TAILED TITS AND BUSHTITS

Aegithalidae

Recent imports 1988 168-169.

Long-tailed Tit *Aegithalos caudatus*

1917 175b/w,195-198; 1921 66-68; 1973 69b/w. Breeding 1966 147-148. Hand-rearing 1915 389-392.

Red-headed Tit, Black-throated Tit *Aegithalos concinnus*

1914 23-24*.

MARTINS AND SWALLOWS

Hirundinidae

White-winged Swallow *Tachycineta albiventer*

2000 52.

Purple Martin *Progne subis*

Hand-rearing 1966 134-137.

Blue and White Swallow *Notiochelidon cyanoleuca*

Nesting 1986 186-189b/w.

Sand Martin, Bank Swallow *Riparia riparia*

Hand-rearing 1977 185-188. In captivity 1946 135-141. Sighted in New Guinea 1980 52.

Eurasian Crag Martin *Hirundo rupestris*

Bred 1938 285.

Eurasian Swallow, Barn Swallow *Hirundo rustica*

Arrival of 1935 161. At London Zoo 1907 80. At the Front (War) 1917 75-81.

Breeding in captivity 1936 140-141. First flight 1911 256-257. Hand-rearing and keeping 1970 148-149. Our British swallow 1917 81-85. Protest 1899 22. Ringing recovery 1913 188. Tame swallows 1905 113-114.

Welcome Swallow *Hirundo neoxena*, *Hirundo tahitica neoxena*

Breeding 1981 3-5.

Red Sea Swallow, Red Sea Cliff Swallow *Hirundo perdita*

Discovered 1985 175.

Fairy Martin *Hirundo ariel*
Breeding 1981 3-5.

Common House Martin, Northern House Martin *Delichon urbica*
Bred 1938 285. Tame 1906 362-363.

KINGLETS

Regulidae

Goldcrest *Regulus regulus*
1917 214-217; 1925 68-69. Bred 1994 183. Keeping 1897 40*; 1908 130*.

Firecrest *Regulus ignicapillus*
1975 212*; 1908 130. Bred 1994 183.

BULBULS

Pycnonotidae

1895 114,127; 1912 234; 1925 1. Albino (= this species?) 1920 111*. Breeding the Ceylon Bulbul 1935 238. Nesting records 1908 105. On bulbuls 1939 196. Recent imports 1990 193-194.

HYBRIDS: Orange-spotted Bulbul *Pycnonotus bimaculartus* x Red-vented Bulbul *Pycnonotus cafer* 1940 162. Red-vented Bulbul *Pycnonotus cafer* x Red-whiskered Bulbul, Red-eared Bulbul *Pycnonotus jocosus* 1938 285. Red-whiskered Bulbul, Red-eared Bulbul *Pycnonotus jocosus* x Black-crested Yellow Bulbul *Pycnonotus melanicterus flaviventris* 1951 234. White-cheeked Bulbul *Pycnonotus leucogenys* x Red-whiskered Bulbul, Red-eared Bulbul *Pycnonotus jocosus* 1938 285.

Finch-billed Bulbul, Crested Finchbill *Spizixos canifrons*
At London Zoo 1921 153. Breeding 1989 8-9.

Straw-crowned Bulbul, Straw-headed Bulbul *Pycnonotus zeylanicus*
Bred 1993 101.

Black-crested Bulbul, Black-headed Yellow Bulbul, Ruby-throated Bulbul
Pycnonotus melanicterus melanicterus, *Pycnonotus melanicterus gularis*
1909 215-219,236-240. Breeding 1973 189-193. First importation 1909 275-276.

Red-whiskered Bulbul, Red-eared Bulbul *Pycnonotus jocosus*
Breeding 1910 208-212; 1911 55-57; 1984 134-140. Breeding records 1932 324.
Note 1941 193. Sexing 1902 97.

Chinese Bulbul, Light-vented Bulbul *Pycnonotus sinensis*
1899 184-185. Breeding 1976 124-126; 1983 147-148. Further breeding notes 1978 77-78.

- Garden Bulbul, Common Bulbul** *Pycnonotus barbatus*
Bred 1974 114. Breeding 1925 324 (Black-eyed Bulbul *Pycnonotus barbatus layardi*).
- Red-eyed Bulbul, Black-fronted Bulbul** *Pycnonotus nigricans*
Breeding 1964 214-216. Hatched 1963 208.
- White-Eyed Bulbul, White-spectacled Bulbul, Syrian Bulbul** *Pycnonotus xanthopygos*
1913 142-144. Bred 1971 77. Fledged 1895 128.
- White-eared Bulbul** *Pycnonotus leucotis*
Breeding 1936 224.
- White-cheeked Bulbul, Himalayan Bulbul** *Pycnonotus leucogenys*
Bred 1932 102.
- Red-vented Bulbul** *Pycnonotus cafer*
Used for fighting 1934 156. Longevity, seventeen years 1953 142. Bred 1960 232-233.
- Sooty Bulbul, Sooty-headed Bulbul, White-eared Bulbul** *Pycnonotus aurigaster*
Bred 1936 116; 1984 177. Longevity, eighteen years 1914 53.
- Orange-spotted Bulbul** *Pycnonotus bimaculatus*
Eight bred 1993 101.
- Sombre Greenbul** *Andropadus importunus, Pycnonotus importunus*
Imported 1921 153.
- Yellow-bellied Greenbul, Yellow-breasted Bulbul** *Chlorocichla flaviventris*
Notes on (Wild) 1934 298-300.
- Joyful Greenbul** *Chlorocichla laetissima*
Breeding 1964 170-171. Laid 1965 117.
- Golden Bulbul** *Alophoixus affinis, Hypsipetes affinis*
Wild status 1997 116.
- Mountain Streaked Bulbul, Mountain Bulbul, McClelland's Bulbul, Rufous-tailed Bulbul** *Hypsipetes mcclllandii*
Bred 1932 102; 1970 246-247.
- Sumatran Bulbul, Sunda Bulbul, Green-winged Bulbul** *Hypsipetes virescens*
1908 159-160.
- Black Bulbul, Madagascar Bulbul, White-headed Bulbul** *Hypsipetes leucocephalus*
1902 88-90; 1903 209-211. Bred 1932 102. Breeding 1965 165-168. Imported 1915 352.

AFRICAN WARBLERS

Cisticolidae

Cisticola

1963 89.

Bar-winged Prinia *Prinia familiaris*

Breeding 1985 204-205b/w.

Oriole Warbler *Hypergerus atriceps*

Bred 1992 184; 2000 140.

WHITE-EYES

Zosteropidae

1897 80,99; 1901 157; 1916 73b/w. Recent imports 1988 167. Which species? 1994 174.

HYBRIDS: Indian White-Eye, Oriental White-Eye *Zosterops palpebrosa* x Japanese White-Eye *Zosterops japonica* 1971 9. Grey-breasted White-Eye, Grey-backed White-Eye, Eastern Grey-breasted Silver-Eye *Zosterops lateralis* x Yellow White-Eye *Zosterops flavifrons* 1936 1.

Pale White-Eye, Vaal River White-Eye *Zosterops pallidus pallidus*

Bred 1968 227.

Green White-Eye, Natal White-Eye *Zosterops pallidus virens*

Bred 1954 95. Breeding 1915 272-278b/w.

Seychelles Brown White-Eye, Seychelles Grey White-Eye, Seychelles White-Eye

Zosterops modestus

1972 104.

Oriental White-Eye *Zosterops palpebrosa*

1898 204-205b/w,211; 1928 180-181. At liberty 1962 209-210; 1963 44; 1964 27. Breeding 1912 114-117b/w; 1957 131-133; 1978 2-4; 1980 70-73. Breeding at liberty 1962 51-54. Nesting 1970 166.

Japanese White-Eye *Zosterops japonicus*

Breeding 1987 190-193b/w.

Black-fronted White-Eye, Moluccan Black-fronted White-Eye *Zosterops atrifrons*

Wild status 1997 116.

Eastern Grey-breasted Silver-Eye, Grey-backed White-Eye, Grey-breasted White-Eye *Zosterops lateralis*

1935 37-42; 1960 89-90*. Breeding 1934 246-247. Nesting 1905 335-339 (Laid).

Yellow White-Eye, Yellow-fronted White-Eye *Zosterops flavifrons*
Imported 1930 308.

Golden White-Eye, Golden Honeyeater *Cleptornis marchei*
1940 173.

Rufous-throated White-Eye *Madanga ruficollis*
Sighted 1996 143.

OLD WORLD WARBLERS, BABBLERS AND PARROTBILLS *Sylviidae*

WARBLERS

1924 226; 1925 57. British warblers 1911 130. Management of some European species 1969 161. Recent imports 1988 169. Smaller warblers as aviary birds 1898 3. Spot-breasted Warbler nesting 1918 256. Sundry warblers 1917 299.

Chestnut-headed Ground Warbler, Chestnut-headed Tesia *Tesia castaneocoronata, Oligura castaneocoronata*
Imported? 1913 220.

Cetti's Warbler *Cettia cetti*
1974 53-55.

Common Grasshopper Warbler *Locustella naevia*
1898 189-190; 1914 164-166; 1925 94-98.

Eurasian Reed Warbler *Acrocephalus scirpaceus*
1914 200-201b/w; 1925 128-130; 1975 1-3* (Bred).

Great Reed Warbler *Acrocephalus arundinaceus*
1975 3,219-220.

Seychelles Brush Warbler *Bebrornis sechellensis*
1972 103b/w.

Icterine Warbler *Hippolais icterina*
1920 49-51; 1931 141.

Long-tailed Tailorbird, Common Tailorbird *Orthotomus sutorius*
Hatched 1938 283.

Ashy Tailorbird *Orthotomus ruficeps*
Breeding 1985 206b/w.

Red-faced Crombec *Sylvietta whytii*
Breeding 1985 207b/w.

Severtzov's Tit Warbler, White-browed Tit-Warbler *Leptopoecile sophiae*
1996 159-160b/w.

Willow Warbler *Phylloscopus trochilus*
1917 67; 1925 225-226; 1975 212. Notes on breeding 1970 11-12.

Common Chiffchaff *Phylloscopus collybita*
1925 227-228. As cagebird 1903 206-209. Bred 1938 283.

Wood Warbler *Phylloscopus sibilatrix*
1925 74-77. In London 1905 381-382.

Chinese Leaf-Warbler *Phylloscopus sichuanensis*
Discovered 1993 159.

Hainan Leaf-Warbler *Phylloscopus hainanus*
Discovered 1993 159.

Seicercus
1999 103b/w.

Chestnut-headed Warbler, Chestnut-headed Flycatcher Warbler *Seicercus castaniceps*
1999 103-105b/w.

Fly River Grass Warbler, Fly River Grassbird *Megalurus albolimbatus*
Rediscovered 1981 117.

BABLERS

1925 87b/w, 113*, 120, 206. Behaviour characters 1963 183. Notes on behaviour 1967 28b/w. Recent imports 1988 169.

HYBRIDS: Pekin Robin, Red-billed Leiothrix *Leiothrix lutea* x Blue-winged Siva, Blue-winged Minla *Minla cyanouroptera* 1975 130. Silver-eared Mesia *Leiothrix argentauris* x Pekin Robin, Red-billed Leiothrix *Leiothrix lutea* 1968 219.

Garrulax

Breeding results 1993 159; 1996 41. Necklaced and other laughingthrushes 2001 152; 2002 85.

Masked Laughingthrush, Spectacled Laughingthrush *Garrulax perspicillatus*
1901 71. Bred 1964 189. Breeding 1965 8.

White-crested Laughingthrush *Garrulax leucolophus*
1904 297-299; 1922 90; 1932 183-186; 1955 19-21. Breeding 1982 135-141. Hatched 1933 127; 1940 31.

Lesser Necklaced Laughingthrush *Garrulax monileger*
2001 153-155.

- Greater Necklaced Laughingthrush** *Garrulax pectoralis*
1900 199-201; 1922 90; 2001 154-155. Hatched 1933 90. Voice 1922 29.
- Black-hooded Laughingthrush** *Garrulax milleti*
More abundant than thought 1996 44.
- Rufous-necked Laughingthrush** *Garrulax ruficollis*
1914 347*.
- Black-throated Laughingthrush** *Garrulax chinensis*
Bred 1934 304. Breeding 1994 98-100. Note 1922 90.
- Yellow-throated Laughingthrush, Austen's Laughingthrush** *Garrulax galbanus*
Avicultural Society funding research 2002 178-179; 1999 77*. Bred 1993 101;
1994 139-140*.
- Black-fronted Laughingthrush, Snowy-cheeked Laughingthrush, Kansu Laughingthrush, Sukatshev's Laughingthrush** *Garrulax sukatschewi*
Identification 1970 194-195.
- Moustached Laughingthrush, Ashy Laughingthrush** *Garrulax cineraceus*
Identification 1970 194-195.
- Rufous-chinned Laughingthrush** *Garrulax rufogularis*
Breeding 1975 68-69. Jay Thrushes and acorns 1962 182-188b/w. Observations
1962 188-197b/w.
- Grey-sided Laughingthrush** *Garrulax caerulatus*
Breeding 1970 143.
- Chestnut-capped Laughingthrush** *Garrulax mitratus*
Sexing 1979 109.
- Hwamei, Melodious Laughingthrush** *Garrulax canorus*
1901 71-73; 1903 168-169; 1928 177-179; 1969 79-84. At liberty 1946 48-50
- White-browed Laughingthrush** *Garrulax sannio*
Breeding 1983 63-66b/w.
- Himalayan Streaked Laughingthrush** *Garrulax lineatus*
Bred 1932 101. Display 1912 229.
- Red-headed Laughingthrush, Chestnut-crowned Laughingthrush** *Garrulax erythrocephalus*
Bred 1995 174. Breeding 1979 16-17.
- Red-winged Laughingthrush, Crimson-winged Laughingthrush** *Garrulax formosus*
Breeding 1984 87-90. B/w 1984 180.

Red-tailed Laughingthrush *Garrulax milnei*
1940 266; 1942 142-144. Breeding 1989 10-13.

Red-faced Liocichla *Liocichla phoenicea*
Bred 1993 101. Breeding 1996 23-23.

Omei Shan Liocichla, Mount Omei Liocichla *Liocichla omeiensis*
2001 109-114*. Bred 2001 71. Studbook Keeper 2001 Number 3 (Inside back cover). Scandinavian Symposium 2002 179.

Rusty-cheeked Scimitar Babbler *Pomatorhinus erythrogeus*
1913 127.

Slaty-headed Scimitar Babbler, White-browed Scimitar Babbler *Pomatorhinus schisticeps*
Bred 1932 100.

Chestnut-backed Scimitar Babbler *Pomatorhinus montanus*
Bred 2001 142.

Slender-billed Babbler, White-browed Scimitar Babbler *Xiphirhynchus superciliosus*
Bred 1948 97.

Large Wren Babbler *Napothera macrodactyla*
Bred 2001 142.

Rufous-capped Babbler, Red-headed Tree Babbler *Stachyris ruficeps*
2000 34-35.

Black-throated Babbler, Black-throated Tree Babbler, Grey-throated Babbler *Stachyris nigriceps*
Exhibited 1914 118b/w.

Rufous-bellied Babbler *Dumetia hyperythra*
Breeding 1961 56-57b/w.

Oriental Yellow-eyed Babbler *Chrysomma sinense*
1902 108-110; 1903 83-87*.

Common Babbler *Turdoides caudatus*
Bred 1960 219.

Blackcap Babbler, Western Dusky Babbler *Turdoides reinwardtii*
Imported 1916 311; 1925 206.

Arrow-marked Babbler *Turdoides jardineii*
Breeding 1979 112-120b/w.

Leiothrix

HYBRIDS: 1968 219; 1996 179.

Silver-eared Mesia *Leiothrix argenteauris*

1903 379-390; 1904 36-44. Bred 1931 331; 1960 233. Breeding 1945 66-69; 1953 60-61; 1972 83-84; 1991 118-122b/w. Breeding records 1932 324; 1945 69. Fifth generation 1989 45. Generic name 1958 189. Hand-reared 1993 100. Hatched 1906 364; 1929 27. Second generation 1973 227. *1925 120.

Pekin Robin *Leiothrix lutea*

1896 135-137; 1903 340-341; 1978 4-17. A new *Leiothrix* (*Leiothrix lutea astleyi*) 1921 108. Bred 1932 10,259; 1944 146; 1951 121-122. Breeding record 1903 152. Cure for feather-plucking 1900 256. Display 1963 192. Forty released 1933 130. Habits 1913 218-219. In London 1905 317-318. Mass import 1907 158. Nesting 1899 177-179; 1915 39-40b/w. Nesting at large 1907 269-270; 1908 268; 1910 37. Sexing 1903 309-311; 1913 129-136*. *1925 120.

Blue-winged Minla, Blue-winged Siva *Minla cyanouroptera*

1902 243-245*. Bred 1960 116; 1973 227. Breeding 1971 73-75. Egg stealer 1940 242. Hatched 1930 104. "Observed young" 1965 192. "One reared to leave the nest" 1941 196. *1925 120.

Chestnut-tailed Minla, Chestnut-tailed Siva, Bar-throated Minla, Bar-throated Siva, Stripe-throated Minla, Stripe-throated Siva *Minla strigula*

Breeding 2003 12-13. Imported 1904 233-234.

Red-tailed Minla, Fire-tailed Minla *Minla ignoctrincta*

Breeding note 1997 57,60. Exhibited 1914 118b/w.

White-eyed Fulvetta, Nepal Fulvetta *Alcippe nepalensis*

Bred 1951 65-66. Hatched 1970 207.

Rufous Sibia, Black-capped Sibia, Black-headed Sibia *Heterophasia capistrata*

1901 77-78,145; 1903 355-362*. At liberty 1932 23-25 (Bred); 1946 66-67. Breeding 1925 185-188; 1926 290-292; 1973 116-118; 1975 6-7.

Grey Sibia *Heterophasia gracilis*

1937 333-334* (Hatched).

Black-eared Sibia, Black-headed Sibia *Heterophasia melanoleuca desgodinsi*,
Heterophasia desgodinsi

Bred 2003 143. Breeding 1999 1-5.

White-collared Yuhina *Yuhina diademata*

2000 97-98.

Black-chinned Yuhina *Yuhina nigrimenta*

1934 121*. Bred 1932 102; 1957 88-89,213; 1960 231-232; 1965 84. Breeding behaviour 1965 83-84 (Hatched).

Bearded Tit, Bearded Reedling, Bearded Parrotbill *Panurus biarmicus*
1900 214-216*; 1905 149-150,208-209; 1922 72; 1942 47-49; 1944 147. Bred
1940 231-232. Breeding 1915 358-364b/w; 1965 66-67; 1972 189-192. Early
breeding record 1916 44,72. Hatched 1905 318-319. Male killing young 1969 129.
Partially reared by canaries 1896 179.

Paradoxornis
1994 131-134. Recent imports 1988 169.

Grey-headed Parrotbill, Black-throated Parrotbill *Paradoxornis gularis*
1929 166b/w; 1937 70. Notes 1931 343-345; 1967 79-81b/w (*Paradoxornis*
gularis fokiensis).

Vinous-throated Parrotbill *Paradoxornis webbianus*
Bred 1973 103. Notes 1928 30-31; 1937 68.

Fulvous-fronted Parrotbill, Fulvous Parrotbill *Paradoxornis fulvifrons*
Bred 1973 18. Breeding 1998 1-3.

Greater Red-headed Parrotbill, Red-headed Parrotbill *Paradoxornis ruficeps*
At London Zoo 1913 211.

Rufous-vented Warbler, Southern Tit Warbler *Sylvia subcaeruleum*, *Parisoma*
subcaeruleum
Breeding note 1997 60.

Blackcap *Sylvia atricapilla*
As aviary bird 1899 70-71; 1925 48-51. Food 1897 190-191. Migratory instincts
1915 232. Nesting 1910 145-151 (Bred).

Garden Warbler *Sylvia borin*
1925 226-227.

Common Whitethroat, Greater Whitethroat *Sylvia communis*
Notes on breeding 1970 9-10.

Lesser Whitethroat *Sylvia curruca*
1916 265-267; 1925 152-153. Bred 1938 283. Nesting 1915 293-294 (Wild). Song
1921 48.

Orphean Warbler *Sylvia hortensis*
Longevity, five years in captivity 1969 161.

Sardinian Warbler *Sylvia melanocephala*
Longevity, five years in captivity 1969 161.

Dartford Warbler *Sylvia undata*
1910 30-32,90-93. Note 1963 174. Population increase 1995 85.

LARKS

Alaudidae

1912 205; 1924 175b/w. Breeding records 1924 273; 1938 281.

Clapper Lark *Mirafra apiata*
1924 180 (Been bred in Germany).

Chestnut-backed Sparrow Lark, White-cheeked Sparrow Lark, White-cheeked Finch Lark *Eremopterix leucotis*
1919 111-112b/w; 1924 183-184; 1927 243-245b/w (Breeding records). Bred 1919 249; 1931 58. Hatched 1946 17.

Grey-backed Sparrow Lark, Grey-backed Finch Lark *Eremopterix verticalis*
1924 182-183.

Fischer's Sparrow Lark, Fischer's Finch Lark *Eremopterix leucopareia*
1975 64-65.

Thick-billed Lark *Rhamphocoris clotbey*
1924 179-180.

Calandra Lark *Melanocorypha calandra*
1974 203.

Mongolian Lark *Melanocorypha mongolica*
1924 176-177. At Peking Zoo 1960 131. Nested 1967 172.

Black Lark *Melanocorypha yeltoniensis*
1924 177. Breeding 1899 169-176.

Red-capped Lark, Greater Short-toed Lark *Calandrella cinerea*
1974 205-206.

Lesser Short-toed Lark *Calandrella rufescens*
1974 205-206.

Crested Lark *Galerida cristata*
1974 206. Bred 1975 64. Nesting 1912 273-280,344b/w (Bred).

Wood Lark *Lullula arborea*
1902 101; 1924 177-178; 1945 19. Breeding records 1934 315; 1969 107. Sexing 1901 107.

Eurasian Skylark *Alauda arvensis*
1924 178-179. Bred 1938 282; 1970 129. Breeding 1978 74-77. Colony in British Columbia 1939 171.

Shore Lark, Horned Lark *Eromophila alpestris*

1924 184-185.

Temminck's Lark, Temminck's Horned Lark, Temminck's Shore Lark

Eromophila bilopha

1924 185-186.

SUGARBIRDS, FLOWERPECKERS, SUNBIRDS AND SPIDERHUNTERS

Nectariniidae

Cape Sugarbird *Promerops cafer*

1930 173; 1951 31.

FLOWERPECKERS

1924 315. Recent imports 1988 168.

Cebu Flowerpecker, Orange-backed Flowerpecker *Dicaeum quadricolor*

Rediscovered 1993 213.

Orange-bellied Flowerpecker, Orange-breasted Flowerpecker *Dicaeum trigonostigma*

1969 273-274.

Green-backed Flowerpecker, Fire-breasted Flowerpecker *Dicaeum ignipectus*

At London Zoo 1909 330; 1913 314.

Mistletoe Bird, Mistletoe Flowerpecker *Dicaeum hirundinaceum*

At London Zoo 1913 314. Nesting habits 1916 171-175 (Wild). Note 1926 339.

Scarlet-backed Flowerpecker *Dicaeum cruentatum*

At London Zoo 1903 185.

SUNBIRDS

1913 254; 1915 115; 1924 309*; 1933 139,153; 1940 57; 1941 220. Attraction of Jacaranda tree 1950 48. In captivity, past, present and future 1918 153. In outdoor aviaries 1929 56. In the Marshall Boehm aviaries 1960 137. In their native haunts 1916 106. List of imported species 1933 146. Notes on sunbirds in private aviaries 1913 289b/w,333; 1914 89*; 1918 61; 1928 83. Pugnacity 1958 152. Records of sunbirds in captivity 1946 23. Recent imports 1988 168. Wintering 1935 58. HYBRIDS: Attempted hybridising of Scarlet-chested Sunbird *Nectarinia senegalensis* x Kirk's Black Sunbird *Nectarinia amethystina kirkii* 1971 15.

Ruby-cheeked Sunbird *Anthreptes singalensis*

1960 137.

Kenya Violet-backed Sunbird, Eastern Violet-backed Sunbird *Anthreptes orientalis*, *Anthreptes longuemarei orientalis*

1960 138.

- Collared Sunbird** *Anthreptes collaris*
1920 158-160; 1935 267*; 1923 307. Breeding 1988 136-138.
- Olive Sunbird** *Nectarinia olivacea*
1960 142.
- Orange-breasted Sunbird, Wedge-tailed Sunbird** *Nectarinia violacea*
1957 81-82*. *1924 307.
- Mouse-coloured Sunbird** *Nectarinia veroxii*
1960 142.
- Green-headed Sunbird** *Nectarinia verticalis*
1954 79-80*; 1960 142. Bred 1993 101.
- Amethyst Sunbird** *Nectarinia amethystina*
1913 333; 1914 231-233*,286; 1960 138. Bred 1967 117-118. Breeding 1984 86-87. Hatched 1959 82-83 (Kirk's Black Sunbird *Nectarinia amethystina kirkii*).
- Scarlet-chested Sunbird** *Nectarinia senegalensis*
1921 58; 1925 267-269 (Wild young hand-reared). Bred 1960 116. Breeding 1965 107-109. Further experiences 1969 237-240. Hatched 1960 236. Laid 1959 82. Longevity, eighteen years old 1950 235. Near miss (Hatched) 1964 166-168. Plumage change in young 1966 63*. 1924 307.
- Buff-throated Sunbird** *Nectarinia adelberti*
1938 97-98*; 1969 77-79*.
- Purple-rumped Sunbird, Amethyst-rumped Sunbird** *Nectarinia zeylonica*
1913 289; 1950 269; 1960 144.
- Van Hasselt's Sunbird** *Nectarinia sperata*
Near miss 1971 22-23 (Hatched).
- Yellow-bellied Sunbird, Olive-backed Sunbird** *Nectarinia jugularis*
1960 145.
- Variable Sunbird** *Nectarinia venusta*
1916 311-312; 1960 141 (Buff-breasted Sunbird, Nyasa Variable Sunbird *Nectarinia venusta falkensteini*). *1934 1.
- Southern White-bellied Sunbird, White-breasted Sunbird** *Nectarinia talatala*
1960 141. Bred 1991 154; 1993 101.
- Purple Sunbird** *Nectarinia asiatica*
1911 201b/w. Hatched 1924 310-311. Nesting 1913 327-329 (Eggs). Note 1960 144. Seasonal change in plumage 1899 41-43.
- Loten's Sunbird, Long-billed Sunbird** *Nectarinia lotenia*

1960 140.

Lesser Double-collared Sunbird, Southern Double-collared Sunbird *Nectarinia chalybea*

1913 334.

Greater Double-collared Sunbird *Nectarinia afra*

1913 334. Bred 1993 103. Long-lived (Longevity, ten years) 1929 331. *1924 307.

Eastern Double-collared Sunbird *Nectarinia mediocris*

1960 140.

Regal Sunbird *Nectarinia regina*

1953 36.

Coppery Sunbird, Copper Sunbird *Nectarinia cuprea*

1960 139. Bred 1991 42.

Rufous-winged Sunbird *Nectarinia rufipennis*

Discovery 1983 185; 1984 244.

Tacazze Sunbird *Nectarinia tacazze*

1960 145. Adult plumage attained at nine months 1978 235. Breeding 1961 173-174b/w; 1978 69-73. "Lost young to a shrew" 1970 207. Problems of feeding small nectar feeding birds 1976 165-168b/w.

Bronze Sunbird *Nectarinia kilimensis*

1960 143. Fledged 1965 11. Longevity, more than twenty-six years 1980 N/L.

Golden-winged Sunbird *Nectarinia reichenowi*

1960 142. Bred 2001 138. *1934 1.

Malachite Sunbird, Yellow-tufted Malachite Sunbird *Nectarinia famosa*

1913 334; 1931 176-177; 1936 83-84; 1960 144. Breeding 1964 158-163. Hatched 1941 196-197. Nesting 1956 46-53 (Hatched). *1924 307.

Red-tufted Malachite Sunbird, Red-tufted Sunbird, Scarlet-tufted Malachite Sunbird *Nectarinia johnstoni*

1953 75-76*; 1960 145. Notes on trip to collect 1953 76-79.

Mariqua Sunbird *Nectarinia mariquensis*

1929 54-55; 1960 140.

Purple-banded Sunbird *Nectarinia bifasciata*

1960 141 (Tsavo Purple-banded Sunbird *Nectarinia bifasciata tsavoensis*).

Splendid Sunbird *Nectarinia coccinigastra*

1940 57*. Hatched 2001 98.

Beautiful Sunbird *Nectarinia pulchella*

1929 53-54*; 1960 143. Eclipse plumage 1961 36.

Elegant Sunbird, Sanghir Yellow-backed Sunbird *Aethopyga duyvenbodei*
Wild data 1997 114.

Black-throated Sunbird, Black-breasted Sunbird *Aethopyga saturata*
1913 290b/w.

Yellow-backed Sunbird, Crimson Sunbird *Aethopyga siparaja*
1913 333; 1931 276. *1914 89; *1924 307.

SPIDERHUNTERS

Management in captivity 1984 1b/w.

Grey-breasted Spiderhunter *Arachnothera affinis*
Notes 1931 192-196.

Everett's Spiderhunter *Arachnothera everetti*
Notes 1931 192-196.

Streaked Spiderhunter *Arachnothera magna*
1969 164.

SPARROWS, WAGTAILS, PIPITS, ACCENTORS, WEAVERS, ESTRILDINE FINCHES AND WHYDAHS *Passeridae*

SPARROWS

European species in captivity 1974 4b/w.

HYBRIDS: Mossie, Cape Sparrow *Passer melanurus* x House Sparrow *Passer domesticus* 1931 224.

House Sparrow *Passer domesticus*

Baby sparrow 1933 390-392. Breeding 1973 109-115b/w. Eradication 1988 231.

Introduced 1999 93. Longevity, fourteen years 1949 111. News about 1941 50-57,
94-101 (Bred?); 1942 11-13. Our British weaver bird 1898 183-184. 1942 11-13.

Plumage pattern in buff variety 1973 73-74. Sparrow Club 1917 276-278. Story of
a sparrow 1930 107-108. White 1914 285 (Bred).

Spanish Sparrow *Passer hispaniolensis*
1974 9-10; 1975 65.

Cinnamon Sparrow, Russet Sparrow *Passer rutilans*
1909 201-205. Nesting 1909 205-208 (Bred).

Benguella Sparrow, White Nile Rufous Sparrow *Passer iagoensis benguellensis*,
Passer motitensis benguellensis
Breeding 1923 227-229.

Mossie, Cape Sparrow *Passer melanurus*
1901 165-167*. Bred 1901 215; 1923 228.

Grey-headed Sparrow *Passer griseus*
1896 5-6. Nesting 1910 238-239 (Bred).

Desert Sparrow *Passer simplex*
At semi-liberty 1895 86.

Eurasian Tree Sparrow *Passer montanus*
Bred 1896 179. Unusual nesting site 1967 131.

Sudan Golden Sparrow *Passer luteus, Auripasser luteus*
Breeding 1970 147. Nesting 1905 75-77 (Bred).

Chestnut Sparrow *Passer eminibey, Sorella eminibey*
1939 342. Breeding 1986 184-185. Longevity, eleven-and-a-quarter years 1961 198.

Petronia
Aggressiveness of 1897 54,122.

Yellow-throated Petronia, Yellow-throated Sparrow, Chestnut-shouldered Petronia, Yellow-throated Rock Sparrow *Petronia xanthocollis*
Breeding and behaviour 1979 135-138.

Bush Petronia, Lesser Rock Sparrow *Petronia dentata*
1903 294-298. Breeding 1956 59-61; 1977 69-74b/w. Breeding records 1955 266.

Rock Petronia, Streaked Rock Sparrow *Petronia petronia*
1897 28-29 (Bred).

WAGTAILS

1925 29. British wagtails in captivity 1905 271. Wagtails in Hertfordshire 1916 345.

HYBRIDS: Grey Wagtail *Motacilla cinerea* x: British Pied Wagtail *Motacilla alba yarrellii* 1895 6; Yellow Wagtail, Blue-headed Wagtail *Motacilla flava flava* 1938 282. Yellow Wagtail, Blue-headed Wagtail *Motacilla flava flava* x British Pied Wagtail *Motacilla alba yarrellii* 1958 65.

White Wagtail *Motacilla alba alba*
Nesting 1913 323-327b/w (Bred).

British Pied Wagtail *Motacilla alba yarrellii*
Aggression 1896 9-10; 1923 238-239. Untiring energy 1923 105-106,131.

Large Pied Wagtail, White-browed Wagtail *Motacilla madaraspatensis*
Bred 1932 101.

Yellow Wagtail, Blue-headed Wagtail *Motacilla flava flava*
1895 28,44,125-126. Breeding 1914 81-83; 1926 281-282. Wild 1914 259-261b/w.

Grey-headed Wagtail *Motacilla flava thunbergi*
Nest and eggs 1895 44 (Wild).

Grey Wagtail *Motacilla cinerea*
1895 37-38. Breeding 1956 216-217. Using fish as food while rearing young 1972 20-22.

Tawny Pipit *Anthus campestris*
1975 216.

Tree Pipit *Anthus trivalis*
Bred 1938 282.

Meadow Pipit *Anthus pratensis*
1975 215; 1996 21-22. Bred 1939 64.

Red-throated Pipit *Anthus cervinus*
1975 215-216.

Rock Pipit *Anthus petrosus*
Bred 1938 282.

ACCENTORS
1924 275.

Alpine Accentor *Prunella collaris*
1924 275-279; 1944 146-147.

Rufous-breasted Accentor, Rufous-breasted Dunnock *Prunella strophiata strophiata*
Notes 1964 184-186.

Jerdon's Accentor, Jerdon's Rufous-breasted Accentor *Prunella strophiata jerdoni*
Nesting 1909 359-362 (Bred).

Mountain Accentor, Siberian Dunnock *Prunella montanella*
Note 1965 68.

Dunnock, Hedge Accentor, Hedge Sparrow *Prunella modularis*
1924 279-280. Bred 1906 343. Breeding 1908 92-96,135-136.

WEAVERS
1912 224; 1915 62b/w; 1923 132b/w*. At liberty 1929 325. In cages 1902 70.
Moult 1900 14. Notes on *Ploceidae* 1900 145,182.
HYBRIDS: *Ploceidae* 1906 345.

Red-billed Buffalo Weaver *Bubalornis niger*
1958 25-26 (Wild).

White-headed Buffalo, Dinemelli's Weaver *Dinemellia dinemelli*
Bred 1995 175*. Breeding 1958 53-55b/w; 1994 25-26*. Exhibited 1911 76,155.
*1925 32.

Scaly-crowned Weaver *Sporopipes squamifrons*
Bred 1906 224; 1935 32; 1938 110. Nesting 1913 362-366b/w.

Grey-headed Social Weaver, Grey-headed Sociable Weaver *Pseudonigrita arnaudi*
Bred 1971 226. Hatched 1975 66.

Sociable Weaver *Philetairus socius*
Bred 1959 55; 1960 160.

Reichenow's Weaver, Reichenow's Baglafaecht Weaver *Ploceus baglafaecht reichenowi*
Breeding 1936 248-249. Imported 1927 155-156.

Little Masked Weaver, Little Weaver *Ploceus luteolus*
Notes 1975 65-66.

Black-billed Weaver *Ploceus melanogaster*
Breeding note 1997 63-64.

Taveta Golden Weaver *Ploceus castaneiceps*
Bred 1995 174. Breeding 1994 26-27.

Vitelline Masked Weaver, Half-masked Weaver *Ploceus vitellinus*
1897 188-190. Hatched 1959 27.

Southern Masked Weaver *Ploceus velatus*
Nesting data 1996 139.

Village Weaver, Rufous-necked Weaver, Black-headed Weaver *Ploceus cucullatus*
Notes 1899 78; 1924 226. Bred 1932 226; 1952 229. Breeding after twelve years
1969 35. Laid 1999 43 (*Ploceus cucullatus paropterus*).

Spot-backed Weaver *Ploceus cucullatus sillonotus*
Nesting 1910 33-35 (Hatched); 1911 118-120; 1915 36-39. Notes on Black-headed
Social Weaver 1948 27-28 (Wrongly identified = this race).

Layard's Black-headed Weaver, Layard's Weaver *Ploceus nigriceps*
1928 132-136 (Hatched).

Speke's Weaver *Ploceus spekei*

Bred 1979 96.

Vieillot's Black Weaver *Ploceus nigerrimus*

With eggs 1999 43.

Chestnut Weaver *Ploceus rubiginosus*

Bred 1979 96; 1988 160-162b/w.

Baya Weaver *Ploceus philippinus*

Bred 1995 174. Nesting notes 1937 165-166.

Finn's Weaver, Big-billed Baya *Ploceus megarhynchus*

Imported 1904 57; 1909 300; 1930 112. Notes 1900 16,145-147.

Forest Weaver *Ploceus bicolor*

1930 253*. At London Zoo 1929 49. Hand-rearing 1988 109-110. Wild 1930 337.

Blue-billed Malimbe *Malimbus nitens*

Note 1956 35.

Gola Malimbe, Ballmann's Malimbe, Tai Malimbe *Malimbus ballmanni*,
Malimbus golensis

Discovered 1981 60.

Red-billed Quelea *Quelea quelea*

At liberty 1950 99. Bred 1902 77; 1964 229. Breeding 1971 87-88. Longevity, twenty years 1998 9. Mass poisoning 1967 206. Melanism 1919 234-235. Nesting of Russ's Weaver 1925 208 (Eggs).

Red-headed Quelea *Quelea erythrops*

Bred 1937 310. Origin of name (*Quelea*) 1970 164.

Madagascan Red Fody, Madagascar Fody *Foudia madagascariensis*

1899 35-36,57,58,77-78. Bred 1933 38. Breeding 1938 220.

Mascarene Fody, Red-headed Fody, Red Forest Fody *Foudia eminentissima*

Bred 1952 188. Note 1936 3.

Euplectes

Melanism in whydahs 1919 40. New species discovered 1992 86. Seasonal development and changes in plumage 1962 106. Whydahs 1917 129b/w. Whydahs bred in German aviaries 1910 90.

HYBRIDS: White-winged Whydah *Euplectes albonotatus* x Red Bishop, Grenadier Weaver *Euplectes orix* 1932 191.

Napolean Weaver, Golden Bishop, Yellow-crowned Bishop *Euplectes afer*

Longevity, twenty-three years 1923 7. Melanism in an aged 1918 169.

Fire-fronted Bishop *Euplectes diadematus*

Breeding 1970 94-95.

Red-crowned Bishop, Crimson-crowned Bishop, Black-winged Bishop *Euplectes hordeaceus*

1963 135-136*.

Orange Bishop *Euplectes franciscanus*

At liberty 1929 235-236; 1931 54; 1934 329. Bred at liberty 1932 32. Breeding 1938 15-16. Fledged 1932 43-44. Longevity, twelve years old 1901 143. Nesting 1895 40; 1905 89-90 (Eggs); 1927 274 (Bred).

Red Bishop, Grenadier Weaver *Euplectes orix*

Bred 1936 116.

Zanzibar Red Bishop, Zanzibar Bishop, Black-vented Bishop *Euplectes nigroventris*

1896 53.

Yellow-rumped Weaver, Yellow-rumped Bishop, Yellow Bishop *Euplectes capensis*

Breeding 1938 221-222. Longevity, eighteen years and ten months 1966 29.

Abyssinian Yellow Bishop *Euplectes capensis xanthomelas*

Imported 1927 156-157.

Red-shouldered Whydah, Fan-tailed Widowbird *Euplectes axillaries*

1923 114-115; 1958 27-28 (Wild). Bred 1937 310; 1990 61. Hatched 1917 132.

Yellow-mantled Whydah, Yellow-mantled Widowbird *Euplectes macrourus macrourus*

1921 135; 1923 115. Breeding 1924 256-257b/w.

Yellow-shouldered Whydah, Yellow-shouldered Widowbird *Euplectes macrourus macrocercus*

1921 135-142. Breeding records 1956 232.

White-winged Whydah, White-winged Whydah *Euplectes albonotatus*

1923 114. Bred 1954 96. Breeding 1938 60-61. Breeding record 1934 312. Hatched 1934 164.

Red-collared Whydah, Red-collared Widowbird *Euplectes ardens ardens*

1896 84-87. Bred 1910 89; 1923 111-112 (HYBRIDS bred - confusion over previous breeding record).

Red-naped Whydah, Red-naped Widowbird *Euplectes ardens laticauda*

1917 130-131b/w; 1923 112-113.

Giant Whydah, Long-tailed Whydah, Long-tailed Widowbird *Euplectes progne*

1923 109-110; 1949 196. Bred 1937 307. Breeding 1910 81-90b/w, 255-256. Longevity, eighteen years 1971 149. Wild habits 1910 224-225.

Jackson's Whydah, Jackson's Widowbird *Euplectes jacksoni*
1917 129-130b/w; 1923 115-117b/w (Bred). Courtship 1918 208-209. Longevity,
eighteen years old 1927 2.

Parasitic Weaver *Anomalospiza imberbis*
1926 193-194; 1939 342. Bred 1926 323-324.

Thick-billed Weaver, Grosbeak Weaver *Amblyospiza albifrons*
Nesting of 1929 321-322 (Eggs); 1930 316-317 (Hatched).

HYBRIDS: Bengalese Finch *Lonchura striata* dom. x Cordon Bleu *Uraeginthus*
spp. 1953 221. Diamond Sparrow, Diamond Firetail *Stagonopleura guttata*,
Emblema guttata x: Bengalese Finch *Lonchura striata* dom. 1941 22; Long-tailed
Grassfinch *Poephila acuticauda acuticauda* 1951 221. Long-tailed Grassfinch
Poephila acuticauda acuticauda x Bengalese Finch *Lonchura striata* dom. 1938
12. Orange-cheeked Waxbill *Estrilda melpoda* x Lavender Waxbill, Lavender
Finch *Estrilda caerulescens* 1968 225. Pin-tailed Nonpareil, Pin-tailed Parrotfinch
Erythrura prasina x Spicebird, Scaly-breasted Munia *Lonchura punctulata* 1938
51.

NEGRO FINCHES

1937 6 (Wild).

Grey-headed Negro Finch, Grey-crowned Negrofinch *Nigrita canicapilla*
Roosting association with Green Pigeon *Treron calva* spp. 1972 37.

Grey-headed Oliveback *Nesocharis capistrata*
Success with 1996 76-78b/w.

Aurora Finch, Red-winged Pytilia *Pytilia phoenicoptera*
Bred 1897 123 (?); 1935 303; 1969 133. Breeding 1960 161-164 (*Pytilia*
phoenicoptera emini). Hatched 1904 56.

Orange-winged Pytilia *Pytilia afra*
1900 115,137. Bred 1950 70. Hatched 1935 23. Note 1899 164-165; 1903 403;
1958 113. Sitting 1901 161.

Melba Finch, Green-winged Pytilia *Pytilia melba*
1895 89; 1899 164-165; 1963 40-41. Albinistic 1909 364. Bred 1932 103; 1936
266-267. Breeding 1938 70-71. Breeding records 1936 306. New race 1998 40.
Reared by fosters 1932 193. *1923 174.

Red-faced Pytilia *Pytilia hypogrammica*
Note 2001 43. Reared under Bengalese Finch *Lonchura striata* dom. 1997 141.

Green-backed Twinspot *Mandingoa nitidula*
1935 22-23.

Red-faced Crimson-Wing *Cryptospiza reichenovii*
Bred 1970 168. Breeding 1979 39-40.

Western Bluebill, Red-breasted Bluebill *Spermophaga haematina*
1906 43. Breeding 1982 148-149. Notes on behaviour 1966 16-17,67.

Red-headed Bluebill *Spermophaga ruficapilla*
Bred 1981 114. Breeding 1977 124-125. Breeding note 1980 53. Hatched 1965 70.
Laid 1965 56.

Brown Twinspot *Clytospiza monteiri*
Display and behaviour 1962 139-143.

Peters' Twinspot *Hypargos niveoguttatus*
1905 119-120*. Bred 1936 268-269. Breeding 1935 198-199. Display and
behaviour 1962 139-143. Nesting 1974 176-178 (Hatched).

Rosy Twinspot, Pink-throated Twinspot *Hypargos margaritatus*
1935 197-198*. Breeding 1996 149-151b/w.

FIREFINCHES

Behaviour of some species 1956 128. "Keston's Orange Firefinch" 1961 64.

Bar-breasted Firefinch *Lagonosticta rufopicta*
1916 35-37,55-61. Behaviour 1956 128-138b/w. Breeding 1988 90-91b/w.

Red-billed Firefinch *Lagonosticta senegala*
At liberty 1926 345. Behaviour 1956 128-138b/w. Bred 1898 212; 1901 31-32;
1904 118; 1930 277; 1938 109-110. Breeding 1930 277-278; 1932 188-190; 1933
234; 1935 264 (Avadavat assisting feeding). Breeding records 1956 198. Cock
rearing young 1929 19. Early importation 1932 296. Mutations 1923 244; 1927
140.

Black-bellied Firefinch *Lagonosticta rara*
Breeding 1962 27-29. Note 1961 65.

African Firefinch, Dark Firefinch, Natal Firefinch *Lagonosticta rubricata*
Bred 1949 76. Breeding the Brown-headed Firefinch 1926 335-336. Comparative
observations with Jameson's Firefinch *Lagonosticta rhodopareia*. 1964 80-
105b/w. Notes 1957 128-131, species probably *Lagonosticta rhodopareia*
jamesoni.

Mali Firefinch *Lagonosticta virata*
Breeding 2001 27-34b/w*. Second generation 2002 91.

Jameson's Firefinch *Lagonosticta rhodopareia jamesoni*
Bred 1932 191. Breeding 1936 50-51; 1940 52-53. Nesting attempt 1936 149-150.
Observations 1969 87-94. (See also African Firefinch, Dark Firefinch, Natal
Firefinch *Lagonosticta rubricata*).

Vinaceous Firefinch, Black-faced Firefinch *Lagonosticta vinacea*
1916 113-116. Breeding 1933 437-439; 1964 106-108; 1997 145-146.

Black-throated Firefinch, Masked Firefinch, Black-faced Firefinch *Lagonosticta larvata*

Exhibited 1907 149.

WAXBILLS

1923 175*, 190b/w. Potential contribution of aviculture to estrildid finches 2000 145. Softfood for waxbills 1971 66. The inheritance and loss of straw display in estrildids 1990 141b/w. Waxbills bred at liberty 1928 252 (Seven species).

HYBRIDS: Orange-cheeked Waxbill *Estrilda melpoda* x Red-eared Waxbill, Grey Waxbill, Black-rumped Waxbill *Estrilda troglodytes* 1937 362. Red-eared Waxbill, Grey Waxbill, Black-rumped Waxbill *Estrilda troglodytes* x: Orange-cheeked Waxbill *Estrilda melpoda* 1932 84; St. Helena 1932 84. St. Helena Waxbill, Common Waxbill *Estrilda astrild* x Orange-cheeked Waxbill *Estrilda melpoda* 1932 13. Sundevall's Waxbill, Crimson-rumped Waxbill *Estrilda rhodopyga* x: Red-eared Waxbill, Grey Waxbill, Black-rumped Waxbill *Estrilda troglodytes* 1932 39; Orange-cheeked Waxbill *Estrilda melpoda* 1932 39.

CORDON BLEUS

Notes on keeping 1980 16 (Three species).

HYBRIDS: Cordon-bleu, Blue-breasted Cordon-bleu, Blue-breasted Waxbill *Uraeginthus angolensis* x Cordon-Bleu *Uraeginthus bengalensis* 1913 350. Cordon-Bleu *Uraeginthus bengalensis* x Blue-breasted Waxbill *Uraeginthus angolensis* 1931 37. Purple Genadier *Uraeginthus ianthinogaster* x Violet-eared Waxbill, Common Grenadier Waxbill *Uraeginthus granatina* 1965 172.

Blue-breasted Waxbill, Blue-breasted Cordon-bleu, Cordon-bleu *Uraeginthus angolensis*

1903 120-124*. Breeding 1909 339-350. Imported 1897 196. Observations 1959 149-160.

Red-cheeked Cordon-bleu, Cordon-bleu *Uraeginthus bengalus*

1899 141-144; 1900 9-10. Anting 1971 88-93b/w. Bred 1932 15-16; 1933 234-235; 1934 115; 1936 267. Breeding 1934 56-58. Early breeding record 1936 306. Early importation 1930 296. Hatched 1896 143. Imprinting through cross-fostering 1971 26-31. Longevity, thirteen years and ten months 1950 17. Male rearing Blue-breasted Waxbill *Uraeginthus angolensis* 1979 162-163. Mutations 1939 157-159; 1964 116.

Blue-capped Cordon-bleu, Blue-headed Waxbill *Uraeginthus cyanocephala*

Anting 1971 88-93b/w. Bred 1997 140. Breeding 1931 37-39. Breeding records 1932 225; 1962 213; 1963 40. Imprinting through cross-fostering 1971 26-31. Longevity, thirteen years and four months 1987 174. Notes 1962 117-129* (Bred).

Purple Genadier *Uraeginthus ianthinogaster*

1943 113*. Bred 1975 114. Breeding 1958 164-166b/w.

Violet-eared Waxbill, Common Grenadier Waxbill *Uraeginthus granatina*

Bred 1932 114, 199. Breeding 1936 325-327; 1942 4-6; 1949 159-161; 1966 84-85. Breeding records 1934 314. Comments on its closest relatives and hybrids

1977 3-11. Hatched 1932 273-275. Imported 1895 89; 1903 403; 1906 295-306*; 1907 325-339. Laid 1897 151,183; 1906 204; 1907 152. Song 1957 112.

Lavender Waxbill, Lavender Finch *Estrilda caerulescens*

Behaviour 1956 138-141b/w. Breeding at liberty 1926 325-327; 2000 80-84*. Nesting 1901 45-49,82 (Bred).

Black-tailed Waxbill, Black-tailed Lavender Finch *Estrilda perreini*

1897 124 (Grey-tailed Lavender Finch *Estrilda perreini incana*). South African population 1985 225-227b/w.

Dufresne's Waxbill, Swee Waxbill, Yellow-bellied Waxbill *Estrilda melanotis*

1923 275; 1949 11-12; 1957 179-180*. Breeding 1934 249-251b/w; 1935 182-183; 1938 112-114; 1985 222-224b/w. Note 1898 59. *1923 174.

Swee Waxbill *Estrilda quartinia*

At London Zoo 1958 98.

Fawn-breasted Waxbill *Estrilda paludicola*

1999 185-187.

Orange-cheeked Waxbill *Estrilda melpoda*

Bred 1936 269-270; 1951 123. Breeding records 1897 184; 1903 38. Nesting 1902 65-70 (Bred). Longevity, eight-and-a-half years old 1897 59.

Sundevall's Waxbill, Crimson-rumped Waxbill *Estrilda rhodopyga*

A probable 1903 405. Bred 1958 148. Breeding 1973 25-27.

Red-eared Waxbill, Grey Waxbill, Black-rumped Waxbill *Estrilda troglodytes*

2002 146-151. Breeding 1914 83-85. Natural colour variety 1956 236. Pied 1901 167.

St. Helena Waxbill, Common Waxbill *Estrilda astrild*

An unusual 1936 174. Bred 1906 45; 1931 289; 1933 112. Breeding 1930 289-294; 1940 28-30. Breeding records 1932 225. Feral in Tahiti 1963 238. Mutations 1964 115.

Black-crowned Waxbill *Estrilda nonnula*

Bred 1963 39. Breeding 1936 323-325b/w. Notes 1963 149-157b/w; 1990 181-183.

Black-cheeked Waxbill *Estrilda erythronotos*

Bred 1968 105. Breeding 1974 17-19. *1923 174.

Red Avadavat, Strawberry Finch, Tiger Finch, Red Munia *Amandava amandava*

1949 9-10. Bred 1908 43-44; 1931 89-90. Bred to third generation 1959 138. Breeding 1928 241-247. Breeding records 1897 10,35; 1899 24,75. Colour in 1939 110; 1965 168-169. Food and breeding 1939 142. Moults and assumption of breeding plumage 1899 162-163. Observations 1960 174-199b/w. Seed preference 1955 273.

Green Avadavat, Green Munia *Amandava formosa*

Aviary bred strain 1975 188-190. Breeding 1906 70-72; 1931 153-156. Hardiness 1896 57,76. Is it being trapped to extinction? 2000 36. Observations 1960 174-176.

Gold-breasted Waxbill, Zebra Waxbill *Amandava subflava*

1949 10-11. Bred 1904 82; 1905 46; 1931 34,97; 1937 51.

African Quailfinch *Ortygospiza atricollis*

1906 170-172b/w. Breeding 1910 37-47; 1931 228-229. Breeding record 1932 191. Mouth decoration of nestlings 1910 103-104. Nesting 1909 174; 1945 137.

Red-billed Quailfinch *Ortygospiza gambonensis*

1987 111.

AUSTRALIAN FINCHES

A guide to 1997 47. Breeding 1941 58. Status in the UK 1992 130.

Painted Finch, Painted Firetail *Emblema pictum*

1932 45-46*. "Are nesting" 1910 289. Bred 1938 111; 1939 367-368. Breeding 1911 63-67,91-94 (Hatched); 1935 16-18,300-301; 1937 225-228. By the dozen 1934 330. Colour variety 1958 101. Early records 1905 203; 1907 232. Notes 1935 57-58; 1936 319-320; 1937 298. Ten years with and some historical notes 1946 149-158. Trapping in Australia 1904 169. UK status 1992 131.

Emblema (now *Stagonopleura*)

Captive Australia populations 1987 174.

Beautiful Firetail *Stagonopleura bella*, *Emblema pictum*

1933 141-142*. At Keston 1958 112-113b/w. Bred 1936 268. Bred quite freely 1932 195. Imported 1911 240.

Red-eared Firetail *Stagonopleura oculata*, *Emblema bella*

1933 401-403*. At Chicago Zoo 1937 177.

Diamond Sparrow, Diamond Firetail *Stagonopleura guttata*, *Emblema guttata*

1934 221-222*. Bred 1906 272-273; 1931 85-86. Mouth ornamentations 1907 81. Mutations 1959 82. Sexing 1897 106; 1924 202.

Sydney Waxbill, Red-browed Finch, Red-browed Firetail *Neochmia temporalis*, *Aegintha temporalis*

1902 289-293 (Bred); 1936 309*. Bred 1932 196; 1955 150. Feral population in Tahiti and New Caledonia 1963 238. Seed preference 1955 276. UK status 1992 132.

Crimson Finch *Neochmia phaeton*

1932 1-2*. At London Zoo 1912 342. Bred 1923 246. Breeding 1932 20,288; 1933 58; 1936 296-298; 1957 214. Breeding records 1932 224-225. Field and aviary notes 1986 143-147. Letters on 1899 58,72,100,112. Note 1895 73. Seed

preference 1955 274. Sexing juveniles 1933 92. Study (White-bellied Crimson Finch *Neochmia phaeton evangelinae*) 1999 92. UK status 1992 131-132.

Star Finch, Ruficauda Finch *Neochmia ruficauda*

1899 61-64b/w; 1933 412-414; 1936 257-258*; 1998 10-13b/w. Bred 1933 112; 1934 94-95. Breeding 1901 219-223; 1905 106-110; 1908 30-31; 1957 134-137. Breeding records 1901 234. Brief notes 1895 86-87,93; 1898 58-59; 1899 100. Colour variation 1958 101. Large numbers imported 1904 57. Naming 1905 235. Seed preference 1955 275. Study 1999 92. UK status 1992 132. *1923 174.

Cherry Finch, Plum-headed Finch *Neochmia modesta*, *Aidemosyne modesta*
1935 315*. Bred 1896 30. Breeding 1898 168; 1904 234. UK status 1992 134-135.

Taeniopygia

HYBRIDS: Bicheno Finch *Taeniopygia bichenovii* x Zebra Finch *Taeniopygia guttata* 1957 175.

Zebra Finch *Taeniopygia guttata*

1916 31-33; 1930 272. At liberty 1921 145-146. Breeding 1904 235; 1932 169-172*,231-232. Colour varieties 1952 29-31. Coloured Zebra Finches 1948 131-132. Marked white 1954 150. Orange-flanked 1953 169b/w. Seed preference 1955 274. Sex-linked colour inheritance 1964 48-55. "White with orange cheeks" 1909 364.

Bicheno Finch, Banded Finch, Double-barred Finch *Taeniopygia bichenovii*

1899 107-109; 1900 35 (Bred); 1901 30-31; 1932 297-298*. Bred 1911 341. Breeding 1902 239,264-266,273. Grass carrying display 1985 166-167. Nest-sharing with Bourke's Parakeet *Neopsephotus bourkii*, *Neophema bourkii* 1952 113. Observations 1986 85-92b/w. Partial melanism 1907 80-81. Seed preferences 1955 274. Sexing 1904 219-220. UK status 1992 134. *Taeniopygia bichenovii annulosa* (Black-rumped Bicheno Finch) 1902 119-120.

GRASSFINCHES

1924 199.

HYBRIDS: Long-tailed Grassfinch *Poephila acuticauda acuticauda* x Masked Grassfinch *Poephila personata* 1932 145. Parson Finch, Black-throated Finch *Poephila cincta* x: Long-tailed Grassfinch *Poephila acuticauda acuticauda* 1948 98; Masked Grassfinch *Poephila personata* 1933 426.

Masked Grassfinch *Poephila personata*

1900 259-262; 1933 337-339*; 1939 343*. Bred 1901 32-33. Breeding 1906 76-77. Early breeding record 1932 196. UK status 1992 133. *Poephila personata leucotis*: 1898 169-172; 1936 35* (Breeding records).

Long-tailed Grassfinch *Poephila acuticauda acuticauda*

1900 257-259b/w; 1936 281-283*. Bred 1897 210. Hand-rearing 1937 229-230. Seed preference 1955 275. UK status 1992 133.

Heck's Grassfinch *Poephila acuticauda hecki*

1911 242,270-271. UK status 1992 133-134.

Parson Finch, Black-throated Finch *Poephila cincta*

1932 265-266*. Bred 1895 120. Brood of nine reared 1974 197. Genetic experiments 1968 105; 1971 78. Sexing 1897 105b/w (Bill differences). UK status 1992 134. *Poephila cincta atropygialis*: First importation 1956 197.

PARROTFINCHES

Collection of parrotfinches 1966 58. Experiences with 1977 199.

HYBRIDS: Royal Parrotfinch *Erythrura regia* x Red-headed Parrotfinch *Erythrura psittacea* 1945 21.

Bamboo Parrotfinch, Tawny-breasted Parrotfinch *Erythrura hyperythra*

Bred 1984 174.

Pin-tailed Nonpareil, Pin-tailed Parrotfinch *Erythrura prasina*

1909 296-298; 1912 325-329*. Bred 1947 104; 1952 101. Breeding records 1932 224. Food 1898 38; 1899 180; 1905 81. Loss of colour 1958 189.

Green-faced Parrotfinch *Erythrura viridifacies*

1937 301-302*.

Tri-coloured Parrotfinch *Erythrura tricolor*

1992 196; 1993 130-131. Breeding and behaviour 1994 19-23.

Blue-faced Parrotfinch, Blue-headed Parrotfinch *Erythrura trichroa*

Bred 1910 225; 1932 299-310; 1937 51. Breeding 1937 326-328,364; 1939 229-233. Experiences with 1977 203-204. Hardiness 1940 16. In collections 1898 7; 1920 124. UK status 1992 132.

Red-eared Parrotfinch *Erythrura coloria*

Bred 1968 71; 1969 73.

Red-faced Parrotfinch, Red-throated Parrotfinch *Erythrura psittacea*

1895 13; 1902 59-60*; 1932 299-300. Bred 1932 50-54b/w. Bred to thirtieth generation 1963 90. Breeding 1934 54; 1950 249-253. Breeding records 1932 224. Experiences with 1977 200-201,204-206. Loss of stamina 1968 106. Mutation 1971 225. Nesting site 1953 42. Sexing and breeding 1897 119,166-167; 1898 199 (Twin embryos); 1899 20-22; 1901 214.

Peale's Parrotfinch, Fiji Parrotfinch *Erythrura pealii*

1912 49-52*; 1916 279-283; 1935 135-139 (Wild). At London Zoo 1911 268. Bred 1912 342; 1966 58-59. Breeding records 1932 224. Experiences with 1977 201-203. Keeping and breeding 1962 197-198.

Royal Parrotfinch *Erythrura regia*

1934 173-182 (Wild). Breeding 1935 245-248; 1936 128; 1966 108-111.

Gouldian Finch *Chloebia gouldiae*

Air-sac mite and wild populations 1992 85. At Mareeba Tropical Savanna and Wetland Reserve 2001 186. At Yinberrie Hills 1991 92-95. Breeding 1898 135;

1901 103-105; 1922 38-39; 1928 36-38; 1946 132-135; 1995 99-102. Breeding records 1895 46; 1896 46; 1902 56,146; 1903 37; 1932 13-14,223-224,271-272; 1968 152. Colour variety 1958 101. Complete list of mating expectations 1978 224-231. Diseased feed 1895 48. Diseases of newly imported 1955 174-175. Egg-eating 1906 358. Endangered species 1996 92. Experiences with 1931 94-97; 1932 90-97*; 1933 142-146; 1950 191-196*. Freak specimen 1926 286; 1928 79-80; 1930 59. Gamboge (Yellow)-headed 1905 203,236,259,291; 1906 116. Genetics of the yellow-headed 1963 108-113 (Correction 1965 200). German diet 1979 170. "Green-headed" 1949 190. Inheritance of head colours 1946 126-132. Lung mite 1978 56-57. Management notes 1933 59. Melanism 1904 331. Method of building 1928 226-228. Mouth ornamentation of young 1899 25-27b/w; 1907 124-126. Mutations 1906 326-329. Naming 1964 116. Nestlings 1918 207. New mutation 1983 54. Pet 1947 12-14. Polygamous? 1906 317. Prolific 1916 69. Reared by fosters 1937 51. Rock salt 1897 17; 1901 118. Success with 1934 170. Threat to wild population 1991 92. Treatment of newly imported 1896 163; 1897 17,60,150. UK status 1992 132-133. Unusual behaviour of young 1963 127-128. Unusual nest site 1967 131. Various notes 1900 37,78-79; 1901 63,82,118,127-128,163-164,213-214. Warmth for 1895 18,38. White-breasted 1967 123-125b/w; 1971 173-175. Wild note 1907 191-192. Young 1902 303.

Madagascar Mannikin, Bib Finch *Lemuresthes nana*

1896 111. Bred 1896 138; 1932 10. Breeding at liberty 1927 249; 1932 32. Breeding prolifically 1974 197.

Lonchura

Field observations on New Guinea Mannikins 1991 77b/w. Interbreeding of certain species 1900 182. Mannikins 1923 218. New species discovered 1980 N/L. Observations on unusual behaviour 1995 63b/w. Reminiscences of rare munias 1989 129,192.

HYBRIDS: African Silverbill *Lonchura cantans* x Bengalese Finch *Lonchura striata* dom. 1970 165. Bengalese *Lonchura striata* dom. x: African Silverbill *Lonchura cantans* 1958 51-53; Indian Silverbill *Lonchura malabarica* 1962 30b/w. Bib Finch, Madagascar Mannikin *Lemuresthes nana* x Bengalese Finch *Lonchura striata* dom. 1937 297. Bronze-winged Mannikin *Lonchura cucullatus* x Rufous-backed Mannikin *Lonchura nigriceps* 1897 78. Chestnut-breasted Mannikin, Chestnut-breasted Finch *Lonchura castaneothorax* x Yellow-rumped Mannikin 1931 186. Pectoral Finch x Chestnut-breasted Mannikin, Chestnut-breasted Finch *Lonchura castaneothorax* 1932 194. Spicebird, Scaly-breasted Munia *Lonchura punctulata* x Magpie Mannikin *Lonchura fringilloides* 1957 207. Striated Munia, Sharp-tailed Munia White-rumped Munia *Lonchura striata* x Indian Silverbill *Lonchura malabarica* 1932 295. White-headed Nun, White-headed Munia, White-headed Mannikin, Pale-headed Mannikin *Lonchura maja* x Chestnut-breasted Mannikin, Chestnut-breasted Finch *Lonchura castaneothorax* 1964 226. Yellow-rumped Mannikin, Yellow-rumped Finch *Lonchura flaviprymna* x Chestnut-breasted Mannikin, Chestnut-breasted Finch *Lonchura castaneothorax* 1951 107; 1971 78.

African Silverbill *Lonchura cantans*

Albino 1969 140-141. Bred 1904 133-134; 1931 89.

- Indian Silverbill** *Lonchura malabarica*
Breeding at liberty 1929 260-261. Seed preference 1955 278. Sexing 1929 329.
- Bronze-winged Mannikin, Bronze Munia** *Lonchura cucullata*
1968 197-198*. Bred 1930 223; 1931 88-89; 1936 267. Seed preference 1955 276.
- Black and White Mannikin** *Lonchura bicolor*
Notes 1980 164-169. Seed preference 1955 277.
- Rufous-backed Mannikin, Rufous-backed Munia, Brown-backed Mannikin, Brown-backed Munia** *Lonchura nigriceps*
Bred 1949 76. Imported 1907 137. Nesting 1909 321-323. Notes on moult 1910 256.
- Magpie Mannikin, Magpie Munia** *Lonchura fringilloides*
Bred 1935 333; 1938 110. Longevity, ten years 1897 106. Sexing 1897 106.
- Striated Munia, Sharp-tailed Munia, White-rumped Munia** *Lonchura striata*
Bred 1960 42. Breeding 1934 41-49. Seed preference 1955 278.
- Bengalese Finch** *Lonchura striata* dom.
1957 101-108b/w. As cage birds 1904 134-135. As foster-parents 1934 237; 1936 223-224,280. Hatching parrotfinch eggs 1932 328-329. Origin 1907 182-186,251; 1967 67. Questions on 1907 99-102. Rice birds 1913 75-76; 1955 278. What is "The Bengalese"? 1907 60-64.
- Javan Munia, Black-breasted Munia** *Lonchura leucogastroides*
1987 130-135b/w.
- Dusky Mannikin** *Lonchura fuscans*
Bred 1950 70. Breeding 1955 229-230.
- Spicebird, Scaly-breasted Munia** *Lonchura punctulata*
Breeding records 1902 36; 1932 195. Nesting 1903 36-37; 1931 64-67. New subspecies 1992 115-118b/w. Seed preference 1955 278.
- Moluccan Mannikin** *Lonchura molucca vagans*
Breeding 1986 235-236.
- Streak-headed Munia** *Lonchura tristissima*
1989 203-205b/w. Wild observations 1991 77-87.
- White-spotted Munia** *Lonchura leucosticta*
1989 202-203.
- Tri-coloured Mannikin** *Lonchura malacca malacca*
Bred 1931 86-87; 1989 131b/w. Plumage variation 1931 224. Seed preference 1955 279. Valid species 1994 192-194b/w. Wild in Venezuela 1998 91; 2003 49-52. *Lonchura malacca brunneiceps*: Race or valid species? 1992 87.

Southern Black-headed Mannikin, Chestnut Mannikin *Lonchura malacca atricapilla*

Bred 1936 268,306; 1989 16-24b/w. Breeding 1938 204; 1966 47. Valid species (?) 1994 192-194b/w.

Five-coloured Mannikin, Five-coloured Mannikin, Coloured Finch *Lonchura quincolor*

1989 205-207. Bred 1987 174. Breeding 1986 181-183.

White-headed Munia, White-headed Mannikin, Pale-headed Mannikin, White-headed Nun *Lonchura maja*

Bred 1935 333; 1938 10; 1972 107. Longevity, eighteen years old 1897 13.

Pallid Finch, Pale-headed Mannikin *Lonchura pallida*

Breeding 1986 64-65.

Grand Munia, Great-billed Mannikin *Lonchura grandis*

1989 136-141b/w. Wild observations 1991 77-87.

Grey-headed Mannikin *Lonchura caniceps*

Breeding 1963 97-101b/w; 1967 81-82. Courtship display and taxonomic position 1973 148-154b/w. Wild observations 1991 77-87b/w; 1992 51-53b/w.

Grey-crowned Munia, White-crowned Mannikin *Lonchura nevermanni*

1989 130-134b/w.

New Britain Mannikin, Hooded Munia *Lonchura spectabilis*

1989 192; 1989 192 (*Lonchura spectabilis spectabilis*); 1989 192-197b/w (*Lonchura spectabilis mayri*). Wild observations 1991 77-87.

Yellow-rumped Mannikin, Yellow-rumped Finch *Lonchura flaviprymna*

1905 215-217*; 1940 219-221*. Bred 1932 194; 1951 107. Imported 1905 53,141. Its relationship to the Chestnut-breasted Mannikin, Chestnut-breasted Finch, Chestnut-breasted Munia *Lonchura castaneothorax* 1907 196-198b/w. Nesting 1906 97-99; 1907 113-124. UK status 1992 135.

Chestnut-breasted Finch, Chestnut-breasted Mannikin, Chestnut-breasted Munia *Lonchura castaneothorax*

1936 203*. Bred 1927 203; 1931 199. Cage-breeding 1984 80-85b/w. Early breeding record 1932 194. Feral in New Caledonia 1963 238. Nesting 1907 113-124,158,191 (Bred). Note 1917 167b/w. Seed preference 1955 277. UK status 1992 135. Wild observations 1991 77-87; 1992 54-57b/w.

Black Munia *Lonchura stygia*

1989 134-136.

Grand Valley Mannikin, Black-breasted Munia *Lonchura teerinki*

1989 207-209.

Pictorella Finch, Pictorella Munia, Pectoral Finch *Heteromunia pectoralis*

1901 128; 1903 279; 1904 130-132; 1936 95*. Nesting 1906 68-70 (Bred).
UK status 1992 135. *1923 74.

Java Sparrow *Padda oryzivora*

1898 12-14,37-38 (Bred); 1963 239; 1966 180. Breeding ability 1967 24,105-106,
176-177. Chick fed by Canary 1962 208-209. Decrease in introduced population
1996 139. Endangered 2000 45. Feral in Fiji 1963 238. Introduced to Africa 1930
55. Livelihood 1950 153-156. Observations 1963 54-59b/w. Seed preference 1955
279. Sexing by bill difference 1897 105b/w. Sexual behaviour 1974 172-176. Wild
in Venezuela 1998 91. "Willie Winkie" 1913 336-340.

Timor Sparrow, Timor Dusky Sparrow *Padda fuscata*

Breeding 1961 89-90; 1989 197-202b/w. Brown Padda 1939 317-318. Collated
data 2001 121-124*.

Amadina

Notes 1986 96b/w.

HYBRIDS: Red-headed Finch *Amadina erythrocephala* x Cutthroat Finch
Amadina fasciata 1899 34.

Cut-throat *Amadina fasciata*

Bred 1931 83-84. Breeding biology of captive and wild 1992 13-16. Courtship
behaviour 1954 169-177. "Cutty" 1930 245-247,339-340. Mouth markings of
nestlings 1903 370. Nesting 1897 63-66 (Bred). Young reared by female 1897
157.

Red-headed Finch *Amadina erythrocephala*

Breeding 1906 354-357b/w.

WHYDAHs

1923 108b/w. Aviculture and our knowledge of 1957 158. Notes on Rhodesian
species (Zimbabwe) 1958 28. Seasonal development and changes in plumage 1962
106. Widows or Whydahs 1966 91.

HYBRIDS: Combassou, Village Indigobird *Vidua chalybeata* x Pin-tailed
Whydah *Vidua macroura* 1963 225. Eastern Paradise-Whydah *Vidua paradisaea*
x Queen Whydah *Vidua regia* 1939 203.

Combassou, Village Indigobird *Vidua chalybeata*

1917 89-91,183; 1923 117-118. Breeding 1956 11,177-181; 1975 75-78. Early
importation 1932 296.

Steel-Blue Whydah *Vidua hypocherina*

1899 39,59,71.

Fischer's Whydah, Straw-tailed Whydah *Vidua fischeri*

At London Zoo 1963 255. Bred 1987 116-117.

Queen Whydah, Shaft-tailed Whydah *Vidua regia*

Breeding 1968 6-7.

Pin-tailed Whydah *Vidua macroura*

1903 186-187; 1917 132-133 (Been bred),288-289; 1923 110-111 (Bred). Bred 1959 25; 1965 30; 1990 60-61. Nesting 1910 254-255. Parasitic (?) 1908 121-123; 1910 289-290.

Northern Paradise Whydah, Broad-tailed Paradise Whydah *Vidua orientalis*

Bred 1996 143.

Paradise Whydah, Eastern Paradise Whydah *Vidua paradisaea*

Bred 1910 90; 1955 237. Breeding 1949 158-159; 1968 5-6.

**OLD AND NEW WORLD SEED-EATERS,
BUNTINGS, TANAGERS, CARDINALS
AND NEW WORLD BLACKBIRDS**

Fringillidae

Breeding finches 1931 90. Classification of foreign finches 1895 81,91. Feeding methods for breeding British finches 1957 65. Foreign finches that are easy to breed 1930 272. Rare finches 1895 89; 1931 227. Sexual distinction in finches which are similar in both sexes 1897 104. Typical finches 1924 15,42*,98,120,149. HYBRIDS: Pre-1938 hybrids listed in Hopkinson's records 1932 39,84,190,223; 1938 190,239.

Fringilla

HYBRIDS: Bramblefinch, Brambling *Fringilla montifringila* x Chaffinch *Fringilla coelebs* 1911 349*; 1932 179.

Chaffinch *Fringilla coelebs*

1896 117-118 (*Fringilla coelebs maderiensis*); 1897 29-31; 1935 253. Longevity, twenty-one years 1934 117. Mutations 1940 236. Nest of 1917 241-243b/w. Nesting 1900 8-9. Singing match 1897 114.

Blue Chaffinch, Teydefinch, Teydean Chaffinch, Canary Island Chaffinch

Fringilla teydea

1895 103-104; 1912 195-197.

Bramblefinch, Brambling *Fringilla montifringila*

1897 110-112; 1935 257. Bred 1938 171-172. Early breeding record 1945 79-80.

Serinus

Instances of aberrant plumage in African *Serinus* 1998 53b/w. Notes on *Serinus* 2000 178. On certain Serin finches 1901 169. *Serinus* survey 2000 138.

HYBRIDS: Alario Finch, Black-headed Canary *Serinus alario* x: Canary 1895 53; Green Singing Finch, Yellow-fronted Canary *Serinus mozambicus* 1935 56. Yellow-browed Canary, Cape Canary *Serinus canicollis* x Green Singing Finch, Yellow-fronted Canary *Serinus mozambicus* 1932 84. Green Singing Finch, Yellow-fronted Canary *Serinus mozambicus* x: Canary 1897 68; Yellow-browed Canary, Cape Canary *Serinus canicollis* 1932 84; Grey Singing Finch *Serinus*

leucopygius 1970 165. Grey Singing Finch *Serinus leucopygius* x Green Singing Finch, Yellow-fronted Canary *Serinus mozambicus* 1958 73. Hooded Siskin *Carduelis magellanica* x Island Canary, Wild Canary *Serinus canaria* 1902 123-124. Streaked-headed Seed-eater *Serinus gularis* x Canary 1940 316. Grey Singing Finch *Serinus leucopygius* x White Zebra Finch *Taeniopygia guttata* 1957 157.

Red-fronted Serin, Fire-fronted Serin *Serinus pusillus*
Bred 1979 41. Imported 1904 57; 1968 147-149*.

European Serin *Serinus serinus*
1896 152-153; 1975 159-162b/w. Breeding 1898 14-15. Eggs 1903 327.

Island Canary, Wild Canary *Serinus canaria*
1897 211; 1899 74; 1905 380-381; 1906 45-46,81,115-116. Bred 1964 58; 1979 41. Early history 1917 183-184,211-212. Some notes on 1986 200-207.

Citril Finch *Serinus citrinella*
1896 42. Breeding results 1963 131,173.

Tibetan Siskin *Serinus thibetanus*
Bred 1913 93.

Yellow-browed Canary, Cape Canary *Serinus canicollis*
1901 172. Bred 1934 312. Feeding and breeding 1987 98-111b/w. Homing 1952 134-136.

Black-faced Canary *Serinus capistratus*
Breeding 1961 118-120.

Forest Canary *Serinus scotops*
Bred 1955 329; 1986 93-95b/w.

Grey Singing Finch, White-rumped Seed-eater *Serinus leucopygius*
Bred 1897 123. Breeding 1903 252. Eggs of 1903 327-328,374. Nesting 1904 303-304 (Hatched). Sexing 1901 170-171; 1902 98-99.

Abyssinian Yellow-rumped Seed-eater, Abyssinian Yellow-rumped Canary
Serinus xanthopygius, *Serinus atrogularis xanthopygius*
Bred 1960 160. Nesting 1970 168.

Yellow-rumped Seed-eater, Yellow-rumped Serin *Serinus atrogularis*
Bred 1972 34. Nesting of 1907 198-200b/w (Bred).

Lemon-breasted Seed-eater, Lemon-breasted Canary *Serinus citrinpectus*
1983 159-160; 1984 188-189; 1985 183; 1987 117; 1988 175. Breeding 1993 205-207b/w; 2000 178-181. Further notes 1997 4-5b/w. Unsuccessful nesting 1971 148.

Green Singing Finch, Yellow-fronted Canary *Serinus mozambicus*

1897 66-68 (Bred); 1979 169. Bred 1897 136. Breeding 1970 147. Eggs of 1903 328-329. Longevity, twenty-one years 1976 113. Sexing 1901 170-171.

White-bellied Canary, White-bellied Serin *Serinus dorsostriatus*
Bred 1970 168; 1972 34.

St. Helena Seed-eater, Yellow Canary *Serinus flaviventris*
1901 171; 1902 216-217. Bred 1970 168. Breeding 1926 328-329; 1932 142-145.
Feeding and breeding 1985 220-221b/w. Value as mule breeder 1952 18-20.

Brimstone Canary, Sulphury Seed-eater *Serinus sulphuratus*
1901 172. Bred 1933 128; 1949 76. Breeding records 1961 169. Feeding and breeding 1985 218-220b/w. Nesting 1910 292-294 (Bred but later found to be hybrid).

White-throated Canary, White-throated Seedeater, White-fronted Seedeater, White-fronted Canary *Serinus albogularis*
1901 172; 1987 114. Feeding and breeding 1985 217-218b/w.

Streaky-headed Seedeater *Serinus gularis*
Bred 1957 181. Feeding and breeding 1987 98-111b/w.

Black-eared Seedeater *Serinus mennelli*
Feeding and breeding 1987 98-111b/w; 1990 76-84b/w.

White-winged Seedeater *Serinus leucopterus*
1986 197-199.

Drakensburg Siskin, Symons's Siskin *Serinus symonsii*, *Serinus totta symonsii*
1986 37-39b/w. Bred 2000 185. Further notes on *Serinus symonsii* 2000 118-121*.

Alario Finch, Black-headed Canary *Serinus alario*
1897 107-110,200; 1951 204-205 (Bred). "Avoid millet" 1897 75,147. Bred 1896 173. Breeding 1975 151-152. Longevity, nine years 1897 147.

Oriole Finch *Linurgus olivaceus*
1981 130-135b/w.

Carduelis
1987 219b/w.

European Greenfinch, Western Greenfinch *Carduelis chloris*
1896 24-25; 1935 173-176. Early nesting 1951 64. Mutations 1972 108. Rare feathered 1936 145. Song 1896 48.

Oriental Greenfinch, Grey-capped Greenfinch, Chinese Greenfinch *Carduelis sinica*
1896 25. Bred 1958 148. Breeding 1916 34-35b/w.

Black-headed Greenfinch, Yellow-breasted Greenfinch, Himalayan Greenfinch
Carduelis spinoides

1919 92 (Bred). Bred 1964 57-58. Breeding records and identity 1920 181,197.

Eurasian Siskin, Spruce Siskin *Carduelis spinus*

1897 50-51 (“has been bred”). Bred 1938 172; 1945 78.

Red Siskin *Carduelis cucullata*

1902 123; 1903 47-51*,115-116; 1944 44. A failure 1932 316-317. A purchase in Santa Cruz 1924 103-105. Breeding 1913 51-54,156; 1984 76-79. Hatched 1911 48; 1965 56. Mules 1920 150. Proposed census 1984 181-182. Recovery project 1996 141. Results of census 1986 100-108. Status 1983 120-121.

HYBRIDS: 1929 332. Fertility of hybrids 1935 229-232. Hybridization 1951 108.

Hooded Siskin, Black-headed Siskin, Southern Siskin *Carduelis magellanica*

1897 49-50 (*Carduelis magellanica icterica*).

Black Siskin *Carduelis atrata*

Breeding record 1934 311; 1984 189-191.

American Goldfinch *Carduelis tristis*

1899 125-127*. Lifestyle 1977 193-194b/w.

Lesser Goldfinch *Carduelis psaltria*

Imported 1927 227.

Goldfinch *Carduelis carduelis carduelis*

1898 9-12; 1905 21-23*; 1916 99-104b/w. Food for young 1897 38. Longevity, sixteen-and-a-half years 1931 260. Mortality 1919 131-133. Nesting 1895 100. Sexing 1903 246.

Grey-crowned Goldfinch, Grey-headed Goldfinch, Himalayan Goldfinch

Carduelis carduelis caniceps

1905 24-26*.

Common Redpoll *Carduelis flammea flammea, Acanthis flammea flammea*

Colour 1909 359.

Lesser Redpoll *Carduelis flammea cabaret, Acanthis flammea cabaret*

1897 68-69 (“breeds readily”). Breeding 1908 160-161. In Berkshire 1905 313-314.

HYBRIDS: 1964 227.

Twite *Carduelis flavirostris, Acanthis flavirostris*

Breeding 1895 118.

Eurasian Linnet *Carduelis cannabina, Acanthis cannabina*

1897 129. As songster 1912 242-243. Bred 1935 57. Poem 1897 164.

Crimson-winged Finch *Rhodopechys sanguinea*

1909 241-243.

Trumpeter Finch, Trumpeter Bullfinch *Rhodopechys githaginea*

1897 87-88. Behaviour, voice, display and breeding with fosters 1978 80-87. Bred 1905 318; 1927 202. "Failed to rear for first time for many years" 1900 76. Wild UK records 1977 112.

ROSEFINCHES

Breeding 1958 137-138.

HYBRIDS: 1938 137.

Long-tailed Rosefinch *Uragus sibiricus*

Bred 1996 185.

Dark Rosefinch, Dark-breasted Rosefinch *Carpodacus nipalensis*

Bred 2000 47.

Common Rosefinch *Carpodacus erythrinus*

Breeding 1956 118-119.

Purple Finch *Carpodacus purpureus*

Breeding 1958 137-138.

HYBRIDS: 1954 181.

Cassin's Finch *Carpodacus cassinii*

Breeding 1978 186.

Vinaceous Rosefinch *Carpodacus vinaceus*

1909 301.

House Finch, Ruddy Housefinch, Mexican Rosefinch *Carpodacus mexicanus*

Albinos with young 1969 193. Bred 1911 52; 1912 286; 1956 196; 1995 176.

Breeding record 1926 20-22. Disease in wild population 1995 45. Nesting 1925 278-279,325,326 (Bred).

Pallas's Rosefinch *Carpodacus roseus*

Bred 2000 47.

Three-banded Rosefinch *Carpodacus trifasciatus*

Bred 2000 47. Breeding 1997 67-70.

Rose-browed Rosefinch, Spot-winged Rosefinch *Carpodacus rhodopeplus*

Bred 1917 251; 1945 134.

Streaked Rosefinch, Eastern Great Rosefinch *Carpodacus rubicilloides*

Hatched 2000 47.

Great Rosefinch, Caucasian Great Rosefinch *Carpodacus rubicilla*

1996 121-123b/w.

Pine Grosbeak *Pinicola enucleator*

1897 1-5*; 1931 172-173; 1945 134-136. Breeding 1907 55-56. Breeding and maintenance 1977 195-198.

Parrot Crossbill *Loxia pytyopsittacus*

Breeding wild in UK 1985 174.

Red Crossbill *Loxia curvirostra*

1895 104-105; 1899 24 (Wild); 1911 114-117,202-203; 1952 102. Breeding 1911 109-114*. Food 1927 275-276.

Pyrrhula

1985 143-156b/w.

Red-headed Bullfinch *Pyrrhula erythrocephala*

1915 169-171*. Bred 1917 250; 1945 81. Nesting 1917 203-206 (Eggs).

Northern Bullfinch, Eurasian Bullfinch *Pyrrhula pyrrhula*

1897 5; 1912 136-137. As decoys 1914 85-86. Bred 1938 172. Breeding 1934 105-108. Food for young 1897 38. Mutation 1951 27. Pair of 1926 17-18. Rearing young 1900 283-285. Strange behaviour of a male 1960 87. Tame 1914 335-337; 1919 8; 1936 273-274.

HYBRIDS: Sub-specific hybrid *Pyrrhula pyrrhula pileata* x Japanese Bullfinch *Pyrrhula pyrrhula griseiventris* 1942 10-11.

Hawfinch *Coccothraustes coccothraustes*

1896 26; 1924 73. As a pet 1921 104-105. Breeders of 1946 224-225. In freedom and captivity 1942 39-41. Nesting 1912 28-34 (Bred).

Black-tailed Hawfinch, Yellow-billed Grosbeak *Eophona migratoria*,

Coccothraustes migratoria

1895 12; 1896 25-26. Breeding 1992 71-75b/w. Hatched 1932 270. Nesting 1895 104 (Hatched).

Japanese Grosbeak, Japanese Hawfinch, Masked Hawfinch *Eophona personata*,

Coccothraustes personata

1930 314 (Hatched).

Black and Yellow Grosbeak *Mycerobas icteroides*, *Coccothraustes icteroides*

Bred 1924 73. Hatched 1931 335.

Evening Grosbeak *Hesperiphona vespertina*, *Coccothraustes vespertina*

Breeding 1956 167-170. Migration and keeping 1939 225-228.

HAWAIIAN HONEYCREPERS

Hand-raising 1971 113*.

Common Amakihi *Viridonia virens*, *Loxops virens*

Sixteen bred 1996 43.

Crested Honeyeater, Akohekohe *Palmeria dolei*

In captivity 1994 54.

BUNTINGS

Breeding and rearing of South African buntings in captivity and the wild 1990 184.

Crested Bunting *Melophus lathamii*

1924 157; 1984 158. Bred 1981 59. Breeding 1983 133-135. Notes 1935 153-154.

Yellowhammer *Emberiza citrinella*

1984 151 (Eastern Yellowhammer *Emberiza citrinella erythrogastra*).

Pine Bunting, White-crowned Bunting *Emberiza leucocephala*

1924 124.

Cirl Bunting *Emberiza cirlus*

1924 129-130; 1984 156. Conservation success 1993 216. Song 1921 48.

Rock Bunting *Emberiza cia*

1974 191.

Meadow Bunting, Red-eared Bunting, Siberian Meadow Bunting *Emberiza cioides*

1984 156-157.

Grey-necked Bunting *Emberiza buchanani*

1939 324-326.

Ortolan Bunting *Emberiza hortulana*

1924 131-132; 1974 190. Breeding 1973 167-169.

Lark-like Bunting *Emberiza impetuani*

Breeding 1970 4-5. In the wild and captivity 1990 184-185.

Cinnamon-breasted Rock Bunting, Cinnamon-breasted Bunting *Emberiza tahapisi*

1924 134 (Been bred); 1984 157. Bred 1949 76; 1953 113. Breeding 1937 311-313; 1990 20-23. In the wild and captivity 1990 185.

Cape Bunting *Emberiza capensis*

1924 134-135. In the wild and captivity 1990 185-186.

Tristram's Bunting *Emberiza tristrami*

1984 149.

Chestnut-eared Bunting, Grey-headed Bunting *Emberiza fucata*

1984 149-150b/w.

Little Bunting *Emberiza pusilla*

1974 189-190; 1984 153b/w.

Yellow-browed Bunting *Emberiza chrysophrys*

Hatched 1975 67.

Rustic Bunting *Emberiza rustica*

1984 152-153b/w (*Emberiza rustica latifascia*).

Elegant Bunting, Yellow-throated Bunting *Emberiza elegans*

1924 120; 1970 41-46b/w*; 1984 152.

Yellow-breasted Bunting *Emberiza aureola*

1924 121-122; 1984 151-152b/w (*Emberiza aureola ornata*); 1984 154. Breeding 1972 9-11.

Chestnut Bunting *Emberiza rutila*

1900 59; 1924 122; 1984 148.

African Golden-breasted Bunting *Emberiza flaviventris*

1924 121; 1984 157-158. Bred 1949 16; 1957 181. Breeding 1939 314-317. Early breeding record 1930 340. In the wild and captivity 1990 184. Nesting 1930 306-308 (Hatched).

Cabanis's Bunting, Cabanis's Yellow Bunting *Emberiza cabanisi*

Bred 1986 172. In the wild and captivity 1990 186-187.

Black-headed Bunting *Emberiza melanocephala*

1924 98-99; 1972 111. Supposed breeding but wrongly identified 1900 137,138,203.

Red-headed Bunting *Emberiza bruniceps*

1924 130-131; 1972 11. Breeding 1973 3-7. Hatched 1957 210. Seed preference 1955 280.

Yellow Bunting, Japanese Yellow Bunting, Sulphury Bunting *Emberiza sulphurata*

1984 150-151. At London Zoo 1900 254.

Black-faced Bunting, Grey-headed Bunting, Masked Bunting *Emberiza spodocephala*

1924 99-100,122-123 (*Emberiza spodocephala personata*); 1984 154b/w.

Grey Bunting, Japanese Grey Bunting *Emberiza variabilis*

1984 148.

Reed Bunting *Emberiza schoeniclus*

1924 99. Bred 1911 52.

Japanese Reed Bunting, Ochre-rumped Bunting *Emberiza yessoensis*

1984 148-149.

Corn Bunting *Miliaria calandra*
1974 190-191.

Lapland Bunting, Lapland Longspur *Calcarius lapponicus*
1895 14; 1924 132; 1950 59. Breeding records 1934 312; 1949 38.

Snow Bunting *Plectrophenax nivalis*
1895 14; 1924 133; 1945 79; 1946 18. Bred 1949 38. Nesting notes 1944 106-107 (Bred).

Lark Bunting *Calamospiza melanocorys*
1924 136. At London Zoo 1903 183.

Fox Sparrow *Passerella ilaca*
1984 163-164b/w.

Song Sparrow *Melospiza melodia*
1895 46; 1984 160-161. Breeding 1908 26-30. Fourteen years old 1921 62.

Lincoln Sparrow, Lincoln's Sparrow *Melospiza lincolni*
1984 161b/w.

Swamp Sparrow *Melospiza georgiana*
1984 161b/w.

Zonotrichia

HYBRIDS: White-throated Sparrow *Zonotrichia albicollis* x Song Sparrow *Melospiza melodia* 1905 331.

Rufous-collared Sparrow *Zonotrichia capensis*
1984 159-160. Breeding 1966 131-132. Breeding records 1967 24.

Harris's Sparrow *Zonotrichia querula*
1984 159. Breeding 1931 252-254b/w.

White-throated Sparrow *Zonotrichia albicollis*
1898 44; 1899 181; 1924 139; 1984 158-159b/w.

White-crowned Sparrow *Zonotrichia leucophrys*
1924 138-139. Bred 1952 187 (Gambel's Sparrow *Zonotrichia leucophrys gambelii*).

Dark-eyed Junco, Slate-coloured Junco *Junco hyemalis*
1984 165-166.

Grassland Sparrow *Ammodramus humeralis*, *Myospiza humeralis*
1984 163.

Field Sparrow *Spizella pusilla*

1898 44; 1984 163.

Lark Sparrow *Chondestes grammacus*
1927 130.

Green-tailed Towhee *Pipilo chlorurus, Chlorurus chlorurus*
At London Zoo 1911 69. Been kept at Bronx Zoo 1926 228.

Rufous-sided Towhee *Pipilo erythrophthalmus*
1898 43; 1916 45-50*; 1984 164-165b/w. Breeding 1955 224-226 (*Pipilo erythrophthalmus oregonus*). Fledged 1963 206.

Albert's Towhee *Pipilo aberti*
At London Zoo 1911 69.

BRUSH FINCHES

1984 200-201.

Ochre-breasted Brush Finch *Atlapetes semirufus*
1977 28-32b/w; 1984 201.

Chestnut-capped Brush Finch *Atlapetes brunneinucha*
1927 90-91; 1984 201-202.

Stripe-headed Brush Finch *Atlapetes torquatus*
1977 32-33b/w; 1984 202.

Green Cardinal, Yellow Cardinal *Gubernatrix cristata*
Bred 1897 192-193, 211-212. Breeding 1985 199-203. Breeds readily 1897 119.

Paroaria

HYBRIDS: Red-crested Cardinal *Paroaria coronata* x Pope Cardinal *Paroaria dominicana* 1922 147.

Red-crested Cardinal *Paroaria coronata*
Abnormal 1928 254; 1929 20. At liberty 1908 53. Notes 1955 88-90. Sexing 1897 105. Longevity, twenty-five years old 1914 119; 1927 111.

Pope Cardinal, Red-cowled Cardinal *Paroaria dominicana*
Bred 1932 16-17. Breeding 1974 98-104. Hatched 1895 128; 1957 48. Nesting 1904 267-269 (Eggs). Seed preference 1955 280. B/w 1913 391.

Red-capped Cardinal *Paroaria gularis*
1907 245 (Black-eared Cardinal *Paroaria gularis nigrigerus*). Breeding 1937 251; 1991 32-33.

Yellow-billed Cardinal *Paroaria capitata*
1904 63-66. Bred 1940 162. Early breeding record 1921 160. Nesting notes 1921 125, 133-135 (Corrections 175 bred).

WOOD WARBLERS

American warblers 1925 32. Notes on a few American warblers 1917 47.

Kirtland's Warbler *Dendroica kirtlandii*

Population increase 1991 42. Status 1984 178.

American Redstart *Setophaga ruticilla*

1930 121-122 (Wild).

TANAGERS

1923 251*. Adaptability to captive conditions 1982 235. Breeding records 1923 255; 1938 279. Diet 1915 80. Feeding of certain tanagers 1952 171. Food for smaller species 1923 284; 1924 66. Multi-coloured Tanager *Chlorochrysa nitidissima* bred 1906 180. Nectar mixture for tanagers 1930 83. Neo-tropical finches 1987 207. Nesting of three tanagers common in French Guyana 1978 105b/w. Rare tanagers imported into Belgium and Holland 1974 20; 1975 98. Recent imports 1988 167. Song of tanagers 1898 46; 1899 33. Tanagers and sugarbirds of Costa Rica and Colombia 1958 142. Tanagers as finches 1905 169. Tanagers in outside aviaries 1929 56. Tanagers of Western USA 1956 165. Treatment of 1897 182.

HYBRIDS: Red-legged Honeycreeper, Yellow-winged Honeycreeper *Cyanerpes cyaneus* x Golden-masked Tanager, Golden-hooded Tanager, Mrs Wilson's Tanager *Tangara larvata* 1972 48,187*.

Bananaquit *Coereba flaveola*

1977 210 (Wild).

Magpie Tanager *Cissopis leveriana*

Bred 1960 225-226; 1963 207-208. Breeding 1938 335-339. Hatched 1909 323-325; 1912 342.

Grass-Green Tanager *Chlorornis riefferii*

1938 187.

White-capped Tanager *Sericossypha albocristata*

1933 215.

White-shouldered Tanager *Tachyphonus luctuosus*

Bred 1969 17.

Ruby-crowned Tanager *Tachyphonus coronatus*

Fledged 1960 229.

White-lined Tanager, Black Tanager *Tachyphonus rufus*

1977 210 (Wild). Bred 1962 213. Breeding 1906 331-336; 1956 202-209. Breeding records 1959 182. Laid 1927 92.

Red-throated Ant Tanager *Habia fuscicauda*

Bred 1993 194.

Flame-coloured Tanager *Piranga bidentata*

Imported 1913 189; 1927 132,318. Nesting 1928 299-300 (Eggs).

Hepatic Tanager *Piranga flava*

Note 1956 166.

Summer Tanager *Piranga rubra*

1903 173; 1912 57; 1956 166 (*Piranga rubra cooperi*).

Scarlet Tanager *Piranga olivacea*

1956 91-93*. Australian breeding results 1956 108. Bred 1906 342-343; 1912 252; 1967 16. Longevity, twenty-eight-and-a-half years 1967 207. Reared to six weeks 1932 242-247. Song 1898 118; 1899 33.

Western Tanager *Piranga ludoviciana*

Note 1956 166.

Ramphocelus

Breeding 1957 96. Breeding under captive conditions 1982 142-148.

HYBRIDS: Yellow-rumped Tanager *Ramphocelus flammigerus icteronotus* x Flame-rumped Tanager, Variable Tanager *Ramphocelus flammigerus flammigerus* 1975 66.

Crimson-collared Tanager *Ramphocelus sanguinolentus*

Exhibited 1913 92b/w; 1914 118.

Masked Crimson Tanager *Ramphocelus nigrogularis*

Bred 1972 25. Breeding note 1997 60. Note 1933 155.

Scarlet-backed Tanager *Ramphocelus dimidiatus*

Bred 1940 162; 1992 194. Breeding 1968 202. Breeding at liberty in Tahiti 1944 105.

Silver-beaked Tanager, Maroon Tanager *Ramphocelus carbo*

Breeding 1964 55-56; 1987 152-158; 1991 33-34. Hatched wild in Tahiti 1938 63. Nesting 1963 199-200; 1978 105-110 (Wild). Unusual nesting of 1977 85-87 (Wild).

Brazilian Tanager *Ramphocelus bresilius*

1956 91-93*.

Flame-rumped Tanager, Variable Tanager *Ramphocelus flammigerus flammigerus*

Bred 1960 228. Hatched 1964 57. Longevity, thirteen-and-a-half years 1960 245.

Yellow-rumped Tanager *Ramphocelus flammigerus icteronotus*

Bred 1975 66. Breeding 1944 21-22; 1970 216-219. Hatched 1917 262 (Died 321).

Stripe-headed Tanager *Spindalis zena*

1910 343-344*.

Thraupis

HYBRIDS: Golden-chevroned Tanager, Ornate Tanager, Archbishop Tanager
Thraupis ornata x Blue-Grey Tanager *Thraupis episcopus* 1931 246.

Blue and Yellow Tanager *Thraupis bonariensis*

Bred 1967 118.

Blue-Grey Tanager *Thraupis episcopus*

Bred 1953 61. Breeding 1927 323-324; 1971 53. Nesting 1978 105-110 (Wild).
Wild 1977 210.

Golden-chevroned Tanager, Ornate Tanager, Archbishop Tanager *Thraupis ornata*

1905 179-184*. Bred 1922 123,146; 1969 17.

Palm Tanager *Thraupis palmarum*

Bred 1938 279. Nesting 1978 105-110 (Wild).

Gold-ringed Tanager *Buthraupis aureocincta*

Rediscovered 1993 103.

Scarlet-bellied Mountain Tanager *Anisognathus igniventris*

1938 299-300*; 1957 90-91. Hatched 1973 18.

Blue-shouldered Mountain Tanager *Anisognathus somptuosa*

1939 1-2*. Breeding 1963 30-32.

Black-chinned Mountain Tanager *Anisognathus notabilis*

1917 293-296*.

Diademed Tanager *Stephanophorus diadematus*

1939 175-181b/w. Bred 1923 237. Breeding 1965 104-106,199; 1966 33.
Longevity, nearly twenty years old 1903 180.

EUPHONIAS

Establishing and breeding 1976 8. Feeding 1952 171.

Purple-throated Euphonia *Euphonia chlorotica*

Bred 1976 8. Breeding 1971 13-14.

Velvet-fronted Euphonia *Euphonia concinna*

Bred 1976 8.

Violaceous Euphonia, Violet Euphonia *Euphonia violacea*

1895 56-57. Breeding 1937 231-232.

Thick-billed Euphonia *Euphonia laniirostris*

Breeding 1971 101-102.

Yellow-throated Euphonia *Euphonia hirundinacea*
Fledged 1960 236-238.

Antillean Euphonia, Blue-headed Euphonia, Blue-crowned Euphonia, Blue-hooded Euphonia *Euphonia musica*
1974 20-21.

Golden-bellied Euphonia, White-lored Euphonia *Euphonia chrysopasta*
Breeding 1985 124-126.

Bronze-Green Euphonia *Euphonia mesochrysa*
Hatched 1975 67.

Orange-bellied Euphonia *Euphonia xanthogaster*
Bred 2002 91.

Chestnut-bellied Euphonia, Pectoral Euphonia *Euphonia pectoralis*
1920 183-184.

Yellow-collared Chlorophonia *Chlorophonia flavirostris*
1975 99. Breeding 1969 1-2*.

Blue-crowned Chlorophonia *Chlorophonia occipitalis*
Breeding 1974 25-28.

Tangara

HYBRIDS: Breeding hybrids 1971 129b/w. Blue-headed Tanager *Tangara cyanicollis* x: Golden-masked Tanager, Golden-hooded Tanager *Tangara larvata* 1968 46; Opal-rumped Tanager *Tangara velia* 1975 67. Seven-coloured Tanager, Superb Tanager *Tangara fastuosa* x Blue-headed Tanager *Tangara cyanicollis* 1971 230.

Turquoise Tanager *Tangara mexicana*
Behaviour and nesting 1974 168-171. Bred 2002 91. Hatched 1936 298-299.

Paradise Tanager *Tangara chilensis*
Display 1973 179.

Seven-coloured Tanager, Superb Tanager *Tangara fastuosa*
1908 107-110*. Note 1898 58. Hatched 1959 83.

Green-headed Tanager, Three-coloured Tanager *Tangara seledon*
Bred 1923 254-255 (= this species?); 1938 279.

Festive Tanager, Red-necked Tanager *Tangara cyanocephala*
Breeding 1934 270; 1944 50-57; 1968 42-45.

Golden Tanager, Black-eared Golden Tanager *Tangara arthus*
Bred 1960 220; 1971 230; 1973 129. Breeding 1971 49-52.

Silver-throated Tanager *Tangara icterocephala*

Bred 1971 230; 1995 80.

Spotted Tanager, Yellow-browed Tanager *Tangara punctata*

1941 191-192*. Bred 2000 140. Hatched 1960 228.

Golden-eared Tanager *Tangara chrysotis*

Behaviour 1973 179. Ear-covert display 1974 109-112b/w. Hatched 1969 17.

Bay-headed Tanager *Tangara gyrola*

Bred 1987 112.

Burnished-Buff Tanager *Tangara cayana*

Bred 1947 107; 2002 139. Breeding 1961 181-182.

Chestnut-backed Tanager *Tangara preciosa*

1898 159-161.

Golden-naped Tanager, Fawn-naped Tanager *Tangara ruficervix*

Breeding 1970 243.

Blue-necked Tanager, Blue-headed Tanager *Tangara cyanicollis*

1917 293-296*; 1997 140. Bred 1973 129; 2002 139.

Golden-masked Tanager, Golden-hooded Tanager *Tangara larvata*

1940 243-244*. Bred 2000 140. Breeding 1965 7; 1971 11-12; 1973 165-167.

Breeding at liberty in Tahiti 1938 63. Naming 1965 72,95.

Golden-collared Honeycreeper *Iridophanes pulcherrima*, *Tangara pulcherrima*

Breeding attempt 1979 141-145 (Fledged). Note 1974 23.

Blue Dacnis *Dacnis cayana*

1916 189 (Laid). Bred 2001 92. Breeding 1932 266 (Partially hand-reared); 1962 211.

SUGARBIRDS

1915 115; 1923 281. Notes 1911 108; 1931 103. Recent imports 1987 172.

HYBRIDS: Black-headed Sugarbird, Green Sugarbird *Chlorophanes spiza* x Red-legged Honeycreeper, Yellow-winged Sugarbird *Cyanerpes cyaneus* 1971 230.

Red-legged Honeycreeper, Yellow-winged Sugarbird *Cyanerpes cyaneus* x

Black-headed Sugarbird, Green Sugarbird *Chlorophanes spiza* 1971 230.

Green Honeycreeper, Black-headed Sugarbird, Green Sugarbird *Chlorophanes spiza*

Bred 2000 140. Breeding 1962 49-50; 1963 206. Hatched 1929 227-228; 1932 35.

Reared to fourth generation 1965 11. Sixteen years old 1974 160.

Shining Honeycreeper *Cyanerpes lucidus*

Temporary blindness in male 1974 200-201.

Purple Honeycreeper *Cyanerpes caeruleus*

1910 167-170*. Breeding 1968 21. Longevity, eighteen years 1930 27. Notes 1968 22-23.

Red-legged Honeycreeper, Yellow-winged Sugarbird *Cyanerpes cyaneus*

1930 116-117 (Wild); 1910 167-170. Bred 1969 17-18. Breeding 1929 30-32b/w; 1934 219-220; 1938 21-28; 1945 180-181; 1961 93-96; 1963 120b/w. Breeding and hand-rearing 1979 6-15. Cage-breeding 1952 195-196b/w. Fledged 1916 324. Longevity, ten years 1933 204. Laid 1945 141-142. Nesting 1915 293; 1916 190,270-275. Notes on young 1917 57b/w. Seasonal change in colour 1899 43.

Swallow Tanager *Tersina viridis*

Early importations 1932 294. Note 1974 20.

Coryphospingus

HYBRIDS: Pileated Finch *Coryphospingus pileatus* x Red-crested Finch *Coryphospingus cucullatus* 1934 38.

Pileated Finch *Coryphospingus pileatus*

Breeding 1906 30-34; 1928 17; 1931 303-304; 1938 14. Feather plucking 1900 210. Hatched 1930 280; 1984 166-167; 1987 220. Recent breedings 1932 151.

Red-crested Finch *Coryphospingus cucullatus*

Bred through many generations 1949 157. Breeding 1927 22-23; 1966 149-153. Early breeding record 1967 105. Nesting 1941 153-154; 1984 167.

Rhodospingus Finch, Crimson Finch, Crimson Finch Tanager *Rhodospingus cruentus*

1967 1-2*. Bred 1972 213.

Grey-hooded Sierra Finch *Phrygilus gayi*

1924 149-150.

Mourning Sierra Finch, Orchard Finch *Phrygilus fruticeti*

1924 150-151; 1933 165. Bred at semi-liberty 1947 221-222. Nesting 1920 125-126b/w (Bred).

Slaty Finch *Haplospiza rustica*

1984 200.

Black-crested Finch *Lophospingus pusillus*

1943 2-6; 1958 122; 1987 221. Bred 1970 166. Breeding 1938 274-275; 1939 331-333; 1954 11-15; 1970 174-176.

Gough Finch, Gough Island Finch, Gough Island Bunting *Rowettia goughensis*

At London Zoo 1956 159.

Cinereous Finch *Piezorhina cinerea*

Breeding and behaviour 1993 56-60b/w.

Common Diuca Finch *Diuca diuca*

1899 181. Breeding records 1901 181; 1924 152-153. Nesting 1901 177-181 (Bred).

Cinnamon Warbling Finch *Poospiza ornata*

1984 199-200. Breeding 1960 171-172b/w; 1972 113-117b/w.

Black and Chestnut Warbling Finch *Poospiza whitii*

Breeding 1938 98-101.

Black and Rufous Warbling Finch *Poospiza nigrorufa*

1956 10-11.

Collared Warbling-Finch *Poospiza hispaniolensis*

Breeding 1984 27-32b/w.

Sicalis

1987 212-213. Breeding the Lesser Saffron Finch? *Sicalis minor* 1916 25-28.

Saffron Finch *Sicalis flaveola flaveola*

1897 127-129 (Bred); 1984 167-168. Bred 1896 14,30; 1902 122; 1931 87-88. Observations on behaviour and breeding 1973 207-213; 1987 83-89.

Pelzel's Saffron Finch *Sicalis flaveola pelzelni*

Nesting 1909 298-299 (Bred).

Grassland Yellow Finch, Yellowish Finch *Sicalis luteola*

1905 97-101. Bred 1906 340-31.

Jacarina Finch, Blue-Black Grassquit *Volatinia jacarina*

1896 153-154; 1984 169-170. Bred 1969 133; 1972 116. Fledged 1931 329.

Sporophila

1935 1*,43,69,116; 1987 213b/w. Bred 1917 28. Breeding records 1935 44-45. Eight species bred 1968 48.

Buffy-throated Seedeater, Buffy-fronted Seedeater, Cayenne Seedeater

Sporophila frontalis

Breeding 1964 111-113.

Grey Seedeater *Sporophila intermedia*

1935 4-5 (Bred); 1984 172.

Plumbeous Seedeater *Sporophila plumbea*

1896 57; 1935 7-8.

Variable Seedeater, Wing-barred Seedeater *Sporophila americana aurita*

1935 10*; 1935 10-11 (*Sporophila americana ophthalmica*) 43-44. Bred 2000 140.

- White-collared Seedeater, Black-banded Seedeater** *Sporophila torqueola*
1935 46-47.
- Rusty-collared Seedeater, Collared Seedeater** *Sporophila collaris*
Bred 1935 47; 1984 170-171b/w (*Sporophila collaris melanocephalus*).
- Lesson's Seedeater** *Sporophila bouvronides*
1984 170.
- Lined Seedeater** *Sporophila lineola*
1896 59; 1935 8; 1984 172.
- Yellow-bellied Seedeater, Black-necked Seedeater, Gutteral Finch** *Sporophila nigricollis*
1896 58; 1898 20. Request concerning 2000 139.
- Double-collared Seedeater, Bluish Seedeater** *Sporophila caerulescens*
1896 58; 1935 3-4. Bred 1978 116; 1981 59.
- White-throated Seedeater, White-throated Finch** *Sporophila albogularis*
1896 56; 1935 2-3. At liberty 1931 258-259. Bred 1978 116. Breeding 1905 358-362. Early breeding report 1906 44-45.
- White-bellied Seedeater** *Sporophila leucoptera*
1896 56-57.
- Parrot-billed Seedeater, Grosbeak Seedeater** *Sporophila peruviana*
1932 263 (= this species?); 1967 69-76b/w*. Breeding 1968 48-50.
- Drab Seedeater** *Sporophila simplex*
1984 173.
- Capped Seedeater, Reddish Seedeater** *Sporophila bouvreuil*
1935 50-51. Longevity, eight years 1905 258. Nesting 1931 328 (Bred).
- Ruddy-breasted Seedeater** *Sporophila minuta*
1935 69-70; 1984 171-172.
- Dark-throated Seedeater** *Sporophila ruficollis*
1931 228; 1935 48-49.
- Marsh Seedeater** *Sporophila palustris*
1935 49-50.
- Chestnut-breasted Seedeater** *Sporophila castaneiventris*
1935 70-71.
- Large-billed Seed Finch** *Oryzoborus crassirostris*
1908 190.

Lesser Seed Finch, Tropical Seed Finch *Oryzoborus angolensis*
1908 149-151,189-190. Breeding 1918 40-43.

Carrizal Blue Seedeater *Amaurospiza carizalensis*
2003 184.

Cuban Bullfinch *Melopyrrha nigra*
At London Zoo 1913 121; 1918 57b/w (Been bred); 1924 118. Hatched 1934 270.

Band-tailed Seedeater *Catamenia analis*
1924 152; 1984 198-199. Information needed 1989 47-48.

Plain-coloured Seedeater *Catamenia inornata*
1984 199.

Tiaris
Comparative behaviour 1959 131. Side glances 1908 163*.

Dull-coloured Grassquit, Dull-coloured Seedeater *Tiaris obscura, Sporophila obscura*
1984 169.

Cuban Finch, Cuban Grassquit *Tiaris canora*
1933 166-169. Bred 1901 29-30; 1933 38; 1936 267. Common in Australia 1971 104. Nesting 1895 11-12; 1896 99-101*; 1950 147. Notes 1986 82-84. Seed preference 1955 279.

Olive Finch, Yellow-faced Grassquit *Tiaris olivacea olivacea*
1908 163-176*; 1936 102. Bred 1931 229; 1936 268,269.

Little Finch *Tiaris olivacea pusilla*
1900 191-199,237,240 (Bred). Bred 1901 30 (?); 1940 162.

Black-faced Grassquit *Tiaris bicolor*
1930 125; 1936 103-104; 1976 151-159b/w; 1984 169-170. Breeding 1959 131-134. Breeding and behaviour 2003 174-179 (*Tiaris bicolor omissa*).

Lesser Antillean Bullfinch *Loxigilla noctis*
1930 124-125* (Wild). *1924 40.

Orangequit *Euneornis campestris*
Red-throated Blue Sugarbird (*Glossoptilda ruficollis*) 1916 188-189 (Hatched).

GALAPAGOS FINCHES
Breeding in California 1942 125b/w.

Large Ground Finch *Geospiza magnirostris*
At London Zoo 1948 40. Breeding results 1942 135.

Medium Ground Finch *Geospiza fortis*

In captivity 1942 126.

Small Ground Finch *Geospiza fuliginosa*

Breeding results 1942 135.

Cactus Ground Finch, Common Cactus Finch *Geospiza scandens*

Breeding results 1942 135.

Dickcissel *Spiza americana*

1984 206. "Been bred" 1927 130. Bred 1945 140-141.

Yellow Grosbeak *Pheucticus chrysopheplus*

1896 26-27 (= this species?); 1924 75. Breeding 1917 28-29.

Black-backed Grosbeak, Yellow-bellied Grosbeak *Pheucticus aureoventris*

1904 203 (= this species?); 1924 75-76; 1984 206.

Rose-breasted Grosbeak *Pheucticus ludovicianus*

1915 81-84*; 1924 73-74. Bred 1929 252-253; 1932 270. Bred to third generation 1951 21. Breeding reports 1932 149. Nesting 1911 333-337 (Bred); 1940 304-305.

Black-headed Grosbeak *Pheucticus melanocephalus*

1924 74-75 (Bred). Breeding 1983 137-145b/w. Nesting 1930 314-316 (Bred).

Virginian Cardinal, Northern Cardinal *Cardinalis cardinalis*

1896 165-170; 1924 95-96; 1959 26. Abnormal coloured 1924 323*; 1929 20. Baldness 1895 79. Breeding 1899 2-5,5-7; 1902 11-12,34-35,232; 1904 53-54; 1956 71-73; 1996 59-62. Longevity, more than thirty years 1926 284-285. Nesting 1895 90-91. Song 1897 18.

HYBRIDS: Virginian Cardinal, Northern Cardinal *Cardinalis cardinalis* x Green Cardinal, Yellow Cardinal *Gubernatrix cristata* 1927 105-107.

Vermilion Cardinal, Phoenix Cardinal *Cardinalis phoeniceus*

1906 291; 1984 204-205; 1924 96-97 (Nested).

Pyrrhuloxia *Cardinalis sinuatus*

1896 154. Imported 1927 113. Note 1924 97; 1927 131-132.

Saltator

1987 217b/w.

Greyish Saltator *Saltator coerulescens*

1984 202-203.

Green-winged Saltator, Allied Saltator *Saltator similis*

Nesting attempt 1926 344 (Laid).

Orinocan Saltator *Saltator orinocensis*

1984 204.

Golden-billed Saltator *Saltator aurantirostris*
1904 335-339*. Breeding 1921 161-162.

Black-throated Saltator *Saltator atricollis*
Bred 1934 30.

Streaked Saltator *Saltator albicollis*
1977 208-209; 1984 203-204.

Blue-black Grosbeak *Cyanocompsa cyanooides*
1896 27; 1924 94-95; 1984 205-206. Bred 1958 100. Nesting 1910 64-65,255.

Blue Bunting *Cyanocompsa parellina*, *Passerina parellina*
Imported 1897 122.

Blue Grosbeak *Guiraca caerulea*
1924 94; 1984 206.

Passerina

1915 380. Indigo Bunting *Passerina cyanea* x Painted Bunting, Nonpareil
Bunting *Passerina ciris* 1935 265.

Lazuli Bunting *Passerina amoena*
1924 155. Bred 1955 263; 1956 38; 1974 35. Nesting 1937 269-270 (Hatched).
*1924 46.

Indigo Bunting *Passerina cyanea*
Breeding 1900 270-275; 1924 156-157. *1924 46.

Varied Bunting *Passerina versicolor*
1924 154-155. Hatched 1975 67. *1924 46.

Painted Bunting, Nonpareil Bunting *Passerina ciris*
1912 325-329*; 1924 153; 1994 123-126. Colour-feeding 1938 63. Hatched 1931
291. Nesting 1899 165-167 (Bred). Notes 1901 173-174 (Hatched). Pet 1913 245-
248. Population and trade 2002 90,140. *1924 46.

Rose-bellied Bunting, Rosita's Bunting *Passerina rositae*
1964 180; 1965 170.

Rainbow Bunting, Orange-breasted Bunting *Passerina leclancherii*
1909 220-221; 1924 154. Bred 1982 125. Hardiness 1914 229. Laid 1937 276.
*1923 13.
HYBRIDS: with canary 1952 37.

TROUPIALS AND BLACKBIRDS

1923 91b/w. Breeding records 1932 320; 1938 279. Notes on American starlings
1906 168.

HYBRIDS: Brown-headed Troupial, Brown-headed Cowbird *Molothrus ater* x
Bay-winged Cowbird *Molothrus badius* 1928 191.

- Wagler's Oropendola, Chestnut-headed Oropendola** *Psarocolius wagleri*
Bred 1995 174.
- Montezuma Oropendola** *Gymnostinops montezuma, Psarocolius montezuma*
Bred 2001 142.
- Moriche Oriole** *Icterus chryscephalus*
1931 144-146.
- Yellow-backed Oriole** *Icterus chrysater giraudii*
1909 196. Bred 1944 149.
- Yellow Oriole** *Icterus nigrogularis*
1977 210.
- Spotted-breasted Oriole** *Icterus pectoralis*
1956 84 (Wild).
- Lichtenstein's Oriole, Altamira Oriole** *Icterus gularis*
Hatched 1963 206.
- Troupial, Hangnest** *Icterus icterus*
1902 293-295; 1903 171-172; 1907 225-230*; 1912 156-157; 1977 209-210.
Eating mouse 1913 39. In Memory of "George" 1910 68-72. Longevity, twenty-seven years 1962 212. Tame 1943 103-104.
- Baltimore Oriole, Northern Oriole** *Icterus galbula galbula*
1959 145-146*. Bred 1973 18.
- Bullock's Oriole** *Icterus galbula bullocki*
1917 91; 1930 281-282*.
- Black-vented Oriole, Wagler's Oriole** *Icterus wagleri*
1917 92.
- Montserrat Oriole** *Icterus oberi*
Captive establishment and breeding 2003 116-124*.
- Red-winged Blackbird** *Agelaius phoeniceus*
Bred 1913 313; 1938 279; 1957 208. Care and feeding of young 1978 191-195.
Two females with young in same aviary 1961 141.
- Yellow-hooded Blackbird, Yellow-headed Marsh Bird** *Agelaius icterocephalus*
Fledged 1955 328; 1956 9-10.
- Tawny-shouldered Blackbird** *Agelaius humeralis*
1900 246-249. Bred 1938 279.
- Red-breasted Blackbird** *Leistes militaris, Sturnella militaris*

1908 151-155; 1912 164.

Scarlet-headed Blackbird, Red-headed Troupial *Amblyramphus holosericeus*
1906 177.

Chopi Blackbird *Gnorimopsar chopi*
Exhibited 1906 174.

Cuban Blackbird *Dives atrovioacea*
1917 92.

Common Grackle, Purple Grackle *Quiscalus quiscula*
Bred 1938 280.

Brewer's Blackbird *Euphagus cyanocephalus*
Breeding 1972 153-154b/w.

Silky Cowbird, Shiny Cowbird *Molothrus bonariensis*
1903 172; 1905 137-141.

Brown-headed Cowbird *Molothrus ater*
Bred 1938 280.

Giant Cowbird *Scaphidura oryzivora*
1898 100,120; 1908 182-183; 1923 65-68.