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Giza, near Cairo.

SPECIAL REPORT No. 3.

WILD BIRDS
OF THE GIZA GARDENS,
1898-1908.

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I. PREFACE.

The Giza Zoological Gardens occupy an area of about 50 feddans (roughly 52 acres, or 21 hectares), on the left bank of the Nile, opposite the city of Cairo.

One of the chief attractions of these Gardens is the large number of wild birds which frequent them, and in response to enquiries from visitors the present list (based on daily records) has been prepared.

For the last ten years the greatest possible care has been taken to encourage the wild birds, and their numbers, both in species and individuals, seem to have increased considerably. It is a remarkable fact that no less than 166 species should have appeared in this limited area of their own accord.

There is a prevalent idea among visitors from Europe that Egypt is deficient in singing birds. In a recently published book on Egypt it is stated: "Songbirds—there are none in Egypt": a visit to the Giza Gardens when the Nightingale, the Rufous Warbler and the Olivaceous Warbler are in song will at once dispel this illusion.

References to Capt. G. E. Shelley's "Birds of Egypt," 1872, are indicated by the letter S and the number of the page. References to the late Mr. Howard Saunders's "Manual of British Birds," 2nd edition, 1899, are indicated by the letters H.S. and the number of the page. Other references are given in full.
II. — SPECIES OF BIRDS FOUND WILD IN EGYPT, WHICH
HAVE VISITED THE GIZA ZOOLOGICAL GARDENS OF THEIR
OWN ACCORD.

October 1898 — October 1908.

1. Song-Thrush, *Turdus musicus*.
   S. 66.
   H. S. 3.
   A regular winter visitor, arrives in late autumn, leaves in spring.
   Some winters very abundant. Frequently heard singing in the
   Gardens.

2. Redwing, *Turdus iliacus*.
   H. S. 5.
   Not mentioned by Shelley.
   A rare visitor in midwinter, and again in spring.

3. Fieldfare, *Turdus pilaris*.
   S. 65.
   H. S. 7.
   Twice noted; 13th and 21st November 1906.

   S. 66.
   H. S. 13.
   A regular winter visitor, arrives in November or December, leaves in
   spring. Some winters very abundant.

5. Ring-Ouzel, *Turdus torquatus*.
   S. 67.
   H. S. 15.
   Noted occasionally in late autumn and winter.

   S. 70.
   H. S. 17.
   Once noted: 24th March 1906.
   S. 70.
   Once noted: 23rd March 1904.

8. Wheatear, *Saxicola oenanthe*.
   S. 71.
   H. S. 19.
   An uncommon visitor during spring and autumn migrations.

   H. S. 21.
   *Saxicola saltatrix*, S. 72.
   Twice seen: 5th November 1904 and 4th April 1907.

    *Saxicola eurymelaena*, S. 73.
    A pair frequented the Gardens 22nd to 24th March 1906, and a single adult male was noticed on two occasions during the first week of April 1907.

    *Saxicola amphileuca*, S. 72.
    *Saxicola stapazina*, H. S. "British Birds Mag.," Vol. I. p. 6 (1907).
    A Black-eared Chat believed to be referable to this form was seen at very close quarters on 10th April 1907.

    S. 74.
    H. S. 25.
    One frequented the Gardens from 23rd October to 1st November 1906.

13. (Whinchat, *Pratincola rubetra*).
    S. 81.
    H. S. 27.
    One seen outside Main Gate of Gardens, 6th April 1908.

14. (Stonechat, *Pratincola rubicola*).
    S. 81.
    H. S. 29.
    Noted outside walls of Gardens in January and March.
   S. 82.
   H. S. 31.
   Common during spring and autumn migrations.

   S. 83.
   H. S. 33.
   This species is believed to have been seen on several occasions in the Giza Gardens.

   Not mentioned by Shelley, and not previously recorded from Egypt.
   One seen at close quarters, 9th October 1907: see "Ibis," 1908, pages 201 and 544.

   *Cyanecula suecica*, S. 85.
   *Cyanecula suecica*, H. S. 35.
   A regular visitor in autumn and spring. Some remain throughout the winter in the Gardens.

   A winter visitor, less numerous than the typical Bluethroat.

   *Erithacus rubecula*, S. 87.
   A regular winter visitor, arrives in November or December, leaves in spring. Abundant during winter months, when it is often to be heard singing in the Gardens.

   H. S. 39.
   *Philomela luscinia*, S. 88.
   A very abundant visitor in spring, but seldom seen in autumn. Sings in the Gardens during the spring migration.

22. Sprosser Nightingale, *Daulias philomela*.
   *Philomela major*, S. 88.
   Twice recorded: 5th May 1907 and 1st November 1908.
   S. 111.
   H. S. 41.
   A somewhat scarce visitor during spring and autumn migrations.

   S. 110.
   H. S. 43.
   Very abundant in spring and autumn.


   H. S. 47.
   *Curruca atricapilla*, S. 105.
   Common throughout winter months. Sings during the whole time of its stay.

   H. S. 49.
   *Curruca hortensis*, S. 104.
   A very scarce visitor on migration: two seen 22nd March 1907.

   S. 109.
   H. S. 53.
   Not uncommon during spring migration, and has been observed in November.

   *Curruca melanocephala*, S. 107.
   Winter and spring, uncommon.

30. ? Bowman's Warbler, *Sylvia momus*
   Not mentioned by Shelley.
   A small black-capped warbler was seen on the 24th March 1907, which probably belonged to this species.

   *Curruca Ruepelli*, S. 106.
   A common visitor during the spring migration; occasionally seen in autumn.
32. Chiffchaff, \textit{Phylloscopus rufus rufus}.
   \textit{Phyllopneuste rufa}, S. 102.
   Arrives in October and departs in April. Numbers winter in the Gardens, and are sometimes heard in full song in midwinter.

33. Nilsson's Chiffchaff, \textit{Phylloscopus rufus abietinus}.
   Arrives in autumn, and winters in the Gardens. The call-note of this bird is different from that of the common Chiffchaff.

34. Willow Warbler, \textit{Phylloscopus trochilus}.
   \textit{Phyllopneuste trochilus}, S. 103.
   A not uncommon migrant in autumn; seldom seen in spring.

35. Bonelli’s Warbler, \textit{Phylloscopus bonellii}.
   A regular visitor during the autumn migration. It does not winter here, but reappears in large numbers during the spring migration in March and April.

36. Wood Warbler, \textit{Phylloscopus sibilatrix}.
   H. S. 71.
   A few seen during the spring migration, during which time they are the last warblers to appear.

37. Rufous Warbler, \textit{Aedon galactodes}.
   S. 85.
   H. S. 73.
   Arrives in March and April, nests in the Gardens, and departs in September. Its song resembles that of the Redbreast, but is fuller and sweeter.

38. ? Melodious Warbler, \textit{Hypolais polyglotta}.
   H. S. 77.
   \textit{Phyllopneuste hippolais}, S. 103.

39. Olivaceous Warbler, \textit{Hypolais pallida}.
   \textit{Hypolais elaeica}, S. 100.
   Arrives in April. Large numbers nest in the Gardens. Leaves in September. The song of this bird is somewhat like that of the
Reed-Warbler, but much fuller and sweeter. It may be heard singing during the whole of the summer, and frequently in autumn (September).

40. (Reed-Warbler, *Acrocephalus streperus*).
   H. S. 79.
   *Calamoherpe arundinacea*, S. 94.
   Two seen in a reed-bed in the Orman Garden, 23rd August 1907.

41. Great Reed-Warbler, *Acrocephalus turdoides*.
    S. 96.
    H. S. 83.
    *Acrocephalus stentorius*, S. 95.
    *Acrocephalus stentoreus*, H. S. 84.
    On the 28th of September 1907 a Great Reed-Warbler was seen in the Gardens, but, as it was not obtained, it is impossible to say to which of the above forms it belonged.

42. (Moustached Sedge-Warbler, *Acrocephalus melanopogon*).
    *Calamodyta melanopogon*, S. 93.
    One seen in the Orman Garden, 23rd August 1907.

    H. S. 89.
    A single example of this species, which is not mentioned by Shelley, was met with on the 28th September 1907.

44. Fantail Warbler, *Cisticola cisticola*.
    *Cisticola schænicola*, S. 97.
    A pair seen occasionally during September 1907, and August and September 1908.

45. Graceful Warbler, *Drymæca gracilis*.
    S. 98.
    An abundant resident: nests in low bushes and undergrowth. The persistent note of this little bird is one of the most familiar sounds in the Gardens.

46. Nuthatch, *Sitta sp.*?
    Not included by Shelley.
    One seen, 10th February 1903.
47. White Wagtail, *Motacilla alba*.
   S. 126.
   H. S. 123.
   Arrives in October, abundant during winter, leaves in March and April. The cock birds may frequently be seen singing, perched on the tops of the monkey cages.

   *Motacilla sulphurea*, S. 127.
   *Motacilla melanope*, H. S. 125.
   A few winter in the Gardens, from October to April.

49. Blue-headed Wagtail, *Motacilla flava subsp.?*
   *Budytes flava*,
   *Budytes cinereocapilla*, S. 128–130.
   *Budytes melanoccephala*
   Yellow Wagtails are occasionally seen flying over in autumn and spring, but never near enough to make out to which subspecies they belong.

50. Tree-Pipit, *Anthus trivialis*.
   H. S. 131.
   *Anthus plumatus*, S. 130.
   Occasionally seen in small flocks during April, and again in September and October.

51. Meadow-Pipit, *Anthus pratensis*.
   S. 131.
   H. S. 133.
   One seen, 8th December 1906.

   S. 131.
   H. S. 135.
   Frequently seen or heard flying over during the winter and early spring.

   S. 134.
   H. S. 137.
   A flock of about six individuals seen flying over on the 16th of March 1907.
54. Water-Pipit, *Anthus spipoletta coutellii*
   *Anthus spinolettus*, S. 132.
   *Anthus spinolettus coutellii*, Hartert, Vög. der pal. Fauna, Heft III.,
   page 281 (1905).
   Seen and heard flying over during autumn, winter and early spring.

   S. 156.
   H. S. 145.
   A spring and autumn migrant. Sometimes heard singing in the spring.

   S. 117.
   H. S. 151.
   A regular autumn migrant.

57. Masked Shrike, *Lanius nubicus*.
   S. 116.
   A regular visitor in spring and autumn. In 1907 one bird remained
   in the Gardens until the 6th of May.

58. Spotted Flycatcher, *Muscicapa grisola*.
   S. 118.
   H. S. 157.
   A common visitor during both migrations.

   S. 119.
   H. S. 159.
   A common visitor in spring; less numerous in autumn.

60. White-collared Flycatcher, *Muscicapa collaris*.
   S. 120.
   This species has so far only been seen during the spring migration.

   H. S. 161.
   An adult female recorded, 11th November 1906; see "Bulletin British
   Ornithologists Club", Vol. XIX., page 31 (December 1906). This is,
   apparently, the first record of this species from Egypt.
   *Hirundo rustica*, S. 120.
   *Hirundo rustica*, H. S. 163.
   A regular spring and autumn migrant.

63. Egyptian Swallow, *Hirundo rustica savignii*.
   *Hirundo Riocourii*, S. 121.
   *Hirundo savignii*, H. S. 164.
   Common and resident, but does not breed in the Gardens.

64. House-Martin, *Chelidon urbica*.
   S. 125.
   H. S. 165.
   A regular visitor, in small numbers, during both migrations.

65. Shelley’s Sand-Martin, *Cotile riparia shelleyi*.
   Arrives in March, and is believed to remain throughout the summer.

   H. S. 169.

67. Hawfinch, *Coccothraustes vulgaris*.
   S. 150.
   H. S. 171.
   One caught alive in the Gardens, 16th December 1904.

68. Goldfinch, *Carduelis elegans subsp*.
   S. 152.
   H. S. 173.
   A few pairs nest in the Gardens, and may occasionally be seen throughout the year. Frequently heard singing.

69. Siskin, *Chrysomitris spinus*.
   *Carduelis spinus*, H. S. 175.
   Not included by Shelley, and, apparently, not previously recorded from Egypt. First seen here 11th February, 1907, and many observed during the following month. A female was caught alive in the Gardens on the 26th of October 1907.

70. Serin, *Serinus hortulanus*.
   S. 154.
H. S. 177.
A pair frequented the Gardens during February 1908.

71. House-Sparrow, Passer domesticus subsp.?  
S. 148.
Abundant and resident. Breeds in the Gardens. The Egyptian House-Sparrow differs from the European Passer domesticus domesticus, and other allied forms: further particulars will be given in a forthcoming publication.

72. Chaffinch, Fringilla coelebs.  
S. 151.  
H. S. 183.
A common winter visitor; remains till the spring.

73. Linnet, Linota cannabina subsp.?  
S. 154.  
H. S. 187.
Several seen 30th March 1907.

74. Corn-Bunting, Emberiza miliaria.  
S. 144.  
H. S. 207.

75. Cretzschmar’s Bunting, Emberiza caesia.  
S. 146.
A regular visitor during the autumn migration. Not yet seen in spring.

76. Hooded Crow, Corvus cornix subsp.?  
S. 159.  
H. S. 245.
Abundant and resident. Nests in tall trees in the Gardens. Collects in parties towards sunset time, as many as 45 crows have been counted thus collected together.

77. Sky-Lark, Alauda arvensis cinerea.  
Alauda arvensis, S. 139.  
A winter visitor to Egypt, occasionally seen flying over the Gardens.
78. Wood-Lark, *Alauda arborea*.
   S. 139.
   H. S. 251.
   One seen 25th November 1906.

79. Crested Lark, *Galerida cristata nigricans*.
   *Galerita cristata*, S. 138.
   Frequently seen flying over the Gardens during the autumn and winter.

80. Short-toed Lark, *Calandrella brachydactyla brachydactyla*.
   *Calandrella brachydactyla*, S. 141.
   *Alauda brachydactyla*, H. S. 255.
   Numbers seen flying over during the autumn and spring migrations every year.

81. Swift, *Cypselus apus apus*.
   *Cypselus apus*, S. 172.
   *Cypselus apus*, H. S. 261.

82. Pale Swift, *Cypselus apus murinus*.
   *Cypselus pallidus*, S. 172.
   These two forms are difficult to distinguish apart when flying overhead. Both have, however, been identified, and one, probably the latter, appears to spend the summer here.

83. Nightjar, *Caprimulgus europaeus*.
   S. 174.
   H. S. 267.
   A regular visitor during spring and autumn migrations.

84. Wryneck, *Lynx torquilla*.
   H. S. 271.
   *Yunx torquilla*, S. 161.
   A regular visitor, in small numbers, in spring. Not yet observed in autumn.

   *Alcedo bengalensis*, S. 166.
   Several arrive in the Gardens every August, and remain till the
following April. The common European Kingfisher has not been seen in these Gardens so far.

86. Pied Kingfisher, _Ceryle rudis_.

S. 167.

Seen in varying numbers throughout the year. On the 5th of May 1902 twenty-four of these Kingfishers were counted in one party in the Gardens.

87. Roller, _Coracias garrulus_.

H. S. 281.

_Coracias garrula_, S. 168.

A regular visitor during both migrations: more abundant during the autumn.

88. Bee-eater, _Merops apiaster_.

S. 169.

H. S. 283.

A regular visitor in large numbers during both migrations.

89. Green Bee-eater, _Merops viridis_.

S. 171.

Two seen on several occasions during January 1907, eight on the 21st of November 1907, and two during October 1908.

90. Hoopoe, _Upupa epops_.

S. 165.

H. S. 285.

Fairly numerous in spring and autumn.

91. Cuckoo, _Cuculus canorus_.

S. 162.

H. S. 287.

A regular visitor, in small numbers, during spring and autumn. We have never heard it in "song" here.

92. Great Spotted Cuckoo, _Coccytes glandarius_.

S. 162.

H. S. 289.

One seen in the Gardens 1st of May 1905.
93. Barn-Owl, *Aluco flammea subsp.?*  
*Aluco flammea*, S. 176.  
Common and resident. Breeds in the Gardens.

94. ? Long-eared Owl, *Asio otus*.  
S. 178.  
H. S. 293.¹

95. Tawny Owl, *Syrnium aluco*.  
H. S. 297.  
*Strix aluco*, S. 176.  
Twice seen in November 1906, and heard 7th of August 1908.

96. Southern Little Owl, *Athena noctua glaux*.  
*Carine meridionalis*, S. 177.  
Common and resident. Breeds in the Gardens.

97. (Scops-Owl, *Scops giu*).  
S. 178.  
H. S. 307.  
One seen, by Mr. A. L. Butler, outside Main Gate of Gardens, 26th of August 1904.

98. ? Egyptian Eagle-Owl, *Bubo ascalaphus*.  
S. 180.

S. 210.  
H. S. 311.  
A large vulture seen circling over the Gardens on the 17th of December 1904, was apparently of this species.

100. Egyptian Vulture, *Neophron percnopterus*.  
S. 211.  
H. S. 313.  
Seen flying over occasionally.

101. Montagu’s Harrier, *Circus cineraceus*.  
S. 184.  
H. S. 319.  
Occasionally seen flying over.
102. Pallid Harrier, *Circus swainsoni.*
*Circus pallidus*, S. 183.
One adult bird seen on the 6th of September 1908, and on the 22nd of October 1908.

*Buteo desertorum*, S. 201.
Occasionally seen in autumn: one frequented the Gardens during September 1907.

*Buteo lagopus*, H. S. 323.
Not mentioned by Shelley.
One bird frequented the Gardens during August and September 1908.

105. Levant Sparrow-Hawk, *Accipiter brevipes.*
Not mentioned by Shelley.
One male bird recorded, 18th September 1908.

S. 185.
H. S. 333.
A few arrive during the autumn, and remain throughout the winter.

*Milvus aegyptius*, S. 196.
*Milvus aegyptius*, H. S. 338.
Common and resident. Breeds in the Gardens in tall trees.

S. 199.
H. S. 339.
One frequented the Gardens during August 1906.

S. 186.
H. S. 347.
Occasionally seen during winter and early spring.

S. 187.
Two seen on the 27th of September 1908.
111. Lanner Falcon, *Falco feldeggi.*
   *Falco lanarius,* S. 188.

112. Hobby, *Falco subbuteo.*
   S. 192.
   H. S. 349.
   Frequently seen during the autumn months.

   S. 193.
   H. S. 353.
   An adult male seen in the Gardens on the 2nd of October 1908.

114. Kestrel, *Tinnunculus alaudarius subsp.* ?
   *Falco tinnunculus,* S. 194.
   *Falco tinnunculus,* H. S. 355.
   Common and resident.

115. Osprey, *Pandion haliaetus.*
   S. 203.
   H. S. 359.
   Twice seen: 13th of March 1903 and 20th of October 1906.

   *Pelecanus onocrotalus,* S. 293.
   Occasionally seen during the spring, autumn and winter months.

117. Grey Heron, *Ardea cinerea.*
   S. 266.
   H. S. 367.
   Frequently seen from August to April.

118. Purple Heron, *Ardea purpurea.*
   S. 266.
   H. S. 369.
   One seen in the Gardens on the 3rd, 4th and 6th of May 1903, and four seen in September 1908.

119. Great White Heron, *Ardea alba.*
   H. S. 371.
   *Herodias alba,* S. 267.
   One seen 3rd and 5th of June 1904.
120. Little Egret, *Ardea garzetta*.
   H. S. 373.
   *Herodias garzetta*, S. 268.
   Single birds noted eight times in the Gardens.

121. Night-Heron, *Nycticorax griseus*.
   S. 270.
   H. S. 379.
   The Night-Herons begin to arrive during August, winter here, and leave during the spring months. A few individuals, however, are seen at intervals throughout the summer. The number of these birds, which spend the daytime in the Gardens, has greatly increased during the last ten years. 108 were counted on the 15th of January 1901, 360 on the 11th of December 1902. At present it is impossible to count them.

122. White Stork, *Ciconia alba*.
   S. 265.
   H. S. 387.
   On the 13th of February 1903 nine Storks flew in circles over the Gardens for some time in the afternoon; and on the 23rd of April 1903 thirteen Storks flew over.

123. Spoonbill, *Platalea leucorodia*.
   S. 264
   H. S. 393.
   A flock flew over the Gardens on the 3rd of September 1902, and one was seen on the 20th of October 1906.

   S. 283.
   *Anas boscas*, H. S. 423.
   A regular winter visitor, but in small numbers. Ten is the largest number of birds seen at one time.

   S. 283.
   H. S. 425.
   One male seen, 10th December 1906.

126. Shoveler, *Spatula clypeata*.
   H. S. 427
   *Rhynchaspis clypeata*, S. 285.
A winter visitor, whose numbers have greatly increased during the last ten years. A few arrive, in some years, as early as August, and they become more and more numerous during the autumn and winter. Some leave here in March, but the majority do so in April, and, in some years, a few remain in the Gardens till the second week of May. Up to 1902 twenty was the largest number of Shovelers seen, at one time, on our lake. On the 18th of January 1903, 171 were counted, and on the 6th of March 1905, 443. Since then it is estimated that over 500 Shovelers take up their winter quarters with us.

127. Pintail, *Dafila acuta*.
   S. 284.
   H. S. 429.
   A winter visitor: not very abundant.

128. Teal, *Nettion crecca*.
   H. S. 431.
   *Querquedula crecca*, S. 286.
   Several hundred Teal winter on the lake in the Gardens. In some years a few of them arrive as early as the latter part of August, and they have been known to stay as late as the 8th of May.

129. Wigeon, *Mareca penelope*.
   S. 288.
   H. S. 437.
   Wigeon were seen wild in the Gardens for the first time on the 1st of April 1906 (two birds), from then till the 9th of May 1906 about a dozen birds frequented the lake. A few appeared during the winters of 1906–7 and 1907–8.

130. Red-crested Pochard, *Fuligula rufina*.
   *Netta rufina*, H. S. 441.
   Not included by Shelley.
   Two flew low over the Gardens on the 9th of September 1902.

131. Pochard, *Fuligula ferina*.
   S. 289.
   H. S. 443.
   A few appear during the winter months.

132. Ferruginous Duck, *Fuligula nyroca*.
   H. S. 445.
Nyroca leucophthalma, S. 288.
Usually appears singly, or at most two birds together, during the winter months. None were seen during the winters of 1903-4 and 1907-8.

133. Tufted Duck, Fuligula cristata.
S. 290.
H. S. 447.
An uncommon and irregular winter visitor.

134. Rock-Dove, Columba livia.
S. 211.
H. S. 483.

135. Turtle-dove, Turtur communis communis.
Turtur auritus, S. 214.
A regular visitor in large numbers in spring and autumn.

136. Isabelline Turtle-Dove, Turtur communis isabellinus.
Turtur isabellinus, S. 216.
Seen in spring and autumn, but difficult to tell from the typical form when flying over.

137. Palm Dove, Turtur senegalensis subsp.
Turtur senegalensis, S. 217.
Abundant and resident: nests in the Gardens.

138. Land-Rail, Crex pratensis.
H. S. 507.
Ortygometra crex, S. 274.
One recorded, 29th September 1908.

139. Moor-hen, Gallinula chloropus.
S. 275.
H. S. 517.
A few Moor-hens arrive in the autumn, sometimes as early as September, winter in the Gardens, and remain till April or the first half of May. A pair bred in the Gardens in April 1905.

140. Coot, Fulica atra.
S. 278.
H. S. 519.
Sometimes seen during the winter months.

141. ? Grey Crane, *Grus communis*.
H. S. 521.†
*Grus cinerea*, S. 263.

142. ? Demoiselle Crane, *Grus virgo*.
S. 264.
Flocks of several hundred Cranes have at times flown high over the Gardens, probably of both the above species.

143. Stone-Curlew, *Oedicnemus scolopax*.
H. S. 529.
*Oedicnemus crepitans*, S. 230.
Common and resident. A pair bred wild in the Gardens during the summer of 1907, and reared three young.
This species’ bred regularly on the roof of Giza Palace (adjoining the Gardens) till that building was demolished.

144. Pratincole, *Glareola pratincola pratincola*.
*Glareola pratincola*, S. 227.
*Glareola pratincola*, H. S. 531

144.a Black-winged Pratincole, *Glareola pratincola melanoptera*.
*Glareola Nordmanni*, S. 229.
Pratincole, of one or both of the above forms, are seen at times over the fields outside the west wall of the Gardens; and during the nights of the 18th and 21st of October 1907 Pratincole were heard flying over the Gardens themselves.

145. (Ringed Plover, *Ægilis hiatricola intermedia*).
*Ægilis intermedius*, S. 242.
Several seen outside the Main Gate of the Gardens during October and November 1908. At present we deem it advisable to use the above name for the Egyptian Ringed Plover, as all examples so far obtained by us in Egypt are smaller than typical *Ægilis hiatricola*.

146. (Little Ringed Plover, *Ægilis curonica*).
H. S. 541
Ægialitis minor, S. 242.
Several seen outside the Main Gate of the Gardens during October and November 1908. The Nile flood having been higher than in the preceding ten years, part of the land between the Gate and the river became submerged, and as the water subsequently receded many wading birds frequented the mud thus laid bare.

147. (Kentish Plover, Ægialitis cantiana).
   H. S. 543.
   Ægialitis cantianus, S. 240.
   A few Kentish Plover were observed outside the Main Gate in 1908, under the same circumstances as the Ringed Plovers mentioned above.

148. Lapwing, Vanellus vulgaris.
   H. S. 555.
   Vanellus cristatus, S. 231.
   A small flock frequented the Gardens during January and February 1901.

149. Spur-winged Plover, Hoplopterus spinosus.
   S. 232.
   One seen 24th of August 1906.

150. Woodcock, Scolopax rusticula.
    H. S. 569.
    Scolopax rusticola, S. 247.
    One, at least, winters in the Gardens every year.

151. Ruff, Machetes pugnax.
    S. 246.
    H. S. 599.
    Two seen flying over, 15th August 1906.

152. Sandpiper, Totanus hypoleucus.
    H. S. 605.
    Actitis hypoleucus, S. 259.
    One seen on the 8th of May, 1907.

153. Green Sandpiper, Totanus ochropus.
    S. 258.
    H. S. 609.
Observed in the Gardens on three occasions:—
One, 3rd October 1906.
One, 1st December 1906.
two, 25th October 1907.

154. Curlew, *Numenius arquata*.
S. 243.
H. S. 627.
Three seen on the 29th of September 1906.

155. (Lesser Black-backed Gull, *Larus fuscus*).
S. 304.
H. S. 675.
Frequently seen just outside the Gardens during the autumn and winter.
III.—Foreign Species of Birds, which Presumably must have Escaped from Captivity Elsewhere in Egypt, which have Visited the Giza Zoological Gardens of Their own Accord. October 1898-October 1908.

1. Amaduvade Finch, *Sporaeginthus amandava.* Visited the Gardens in August and September, 1905 to 1908, and breeds here.


5. (Indian Silver-bill Finch, *Aidemosyne malabarica*). Two seen in Orman Garden on the 14th of September 1906.


10. Smaller Green Parrakeet, *Palæornis torquata vel P. docilis.* 1901 to 1908: probably breeds in the Gardens. At the present time the number of these Parrakeets living at large here is at least fourteen. But it should be noted that during the last ten years six birds have escaped from their cages and three have been turned out loose.


**ANNUAL REPORTS.**

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**SPECIAL REPORTS.**

1. Report on Mission to Europe, 1905, pages 43 ... ... ... ... ... P. T. 10.
2. Notes on Zoological Collections visited in Europe, 1907, pages 71. ... ... ... ... P. T. 15.
3. Wild Birds of the Giza Gardens, 1898-1908, pages 29. ... ... ... ... P. T. 5.

**GUIDE-BOOKS, ETC.**

2. 2nd.  " 66  "  " 18.12.1903. " "
3. Notes for Visitors, Gezira Aquarium, pages 12. Published Nov. 1904 ... " "
4. Map of Giza Zoological Gardens. Published March 1908... ... ... P. T. ½.