

perhaps not strictly a member of the restricted subgenus *Erioptera*.

Erioptera (Mesocyphona) caloptera subvaranescens, subsp. n.

Characters as in typical *caloptera* Say, differing in the pattern of the legs. Femora with the dark rings very reduced, especially the outer one, which is about one-half as wide as the pale apex; subbasal ring variable in extent, present or lacking, when preserved much wider than the subterminal ring, the space between the two darkened annuli extensive, being four or five times the width of the outer ring.

Hab. Ecuador (Oriente).

Holotype, ♂, Abitagua, altitude 1200 metres, April 7, 1937 (MacIntyre).

Allotopotype, ♀. *Paratotypes*, 2 ♀♀, April 5-7, 1937.

Cryptolabis (Cryptolabis) laticostata, sp. n.

Size large (wing, ♀, over 6 mm.) ; general coloration of notum black ; pleura yellow ; halteres pale throughout ; legs brown, the femoral bases paler ; wings bicolorous, strongly infumed, the prearcular field and broad costal margin whitened ; *Rs* long and sinuous ; abundant macrotrichia in distal half of wing ; abdomen dark throughout.

Female.—Length about 5.5 mm. ; wing 6.4 mm.

Rostrum and palpi black. Antennæ black throughout ; flagellar segments oval, verticils elongate. Head dull black.

Pronotum dark ; anterior lateral pretergites yellow. Mesonotum almost uniformly black, the humeral and posterior regions of praescutum and median area of scutum more reddish brown. Pleura and pleurotergite yellow. Halteres pale throughout. Legs with the coxae and trochanters yellow ; remainder of legs brown, the femoral bases paler. Wings bicolorous, the ground-colour strongly infumed, the broad costal border as far distad as level of cord whitened ; prearcular field similarly white ; anal cells slightly whitened, the axilla narrowly clouded, connected with the outer ground-colour in cell *M* ; veins brown, pale in the whitened areas. Macrotrichia of cells abundant, occupying the distal half of wing.

Venation : *Rs* long and sinuous, exceeding in length vein *R₃*.

Abdomen dark brown throughout.

Hab. Ecuador (Oriente).

Holotype, ♀, Abitagua, altitude 1200 metres, September 21, 1937 (MacIntyre).

Cryptolabis (Cryptolabis) laticostata is very distinct from all previously-described species. It is closest to *C. (C.) schadei* Alexander, of southern Brazil, but differs conspicuously in the size, and in the pattern of the legs and wings.

XXIV.—A List of the Type-hosts of the Mallophaga and the Lice described from them *. By GORDON B. THOMPSON.

[Continued from p. 55.]

Order CICONIIFORMES.

Suborder ARDEÆ.

Family Ardeidæ.

Subfamily ARDEINÆ.

148. *Ardea cinerea cinerea* Linn.

Colpocephalum decimfasciatum Boisduval & Lacordaire, 1835. On *Ardea cinerea* from France.

Colpocephalum importunum Nitzsch in Denny, 1842. On *Ardea cinerea* from Britain.

Ardeicola ardeæ (Linn.), 1758. On *Ardea cinerea*, no locality.

Ardeicola leucopyga (Nitzsch in Burmeister), 1838. On *Ardea cinerea*, no locality.

Ardeicola phœnicopteri (Macalister), 1871, nec *Lipeurus phœnicopteri* Coindre, 1859. True host, described from straggler on *Phœnicopterus ruber* Linn., no locality.

149. *Ardea purpurea purpurea* Linn.

Ardeicola leucoprocta (Nitzsch in Giebel), 1866. On *Ardea purpurea*.

* Note.—It must be borne in mind when using this list that the type-hosts of the various species of Mallophaga are not fixed but only listed.

Ardeicola (leucopyga var.) minor (Piaget), 1880, unjustified new name for *leucoprocta* Nitzsch. On *Ardea purpurea*.

150. *Notophoyx novæhollandiæ* (Latham).

Philopterus longipes (Rudow), 1870. On *Ardea norwhollandiæ*, no locality.
Ethiopterum unguiculatum (Piaget), 1890. Straggler on *Herodias norwhollandiæ*, no locality.

151. *Butorides sundevalli* Reichenow.

Menopon narboroughi * Kellogg & Kuwana, 1902. Straggler (see Procellariidæ, no. 91). On *Butorides plumbeus*, from Narborough I., Galapagos Is.
Degeeriella paludicola † (Kellogg & Kuwana), 1902. Straggler. On *Butorides plumbeus* from Albemarle I., Galapagos I.

152. *Ardeola ralloides* (Scopoli).

Colpocephalum marginatum Macalister, 1871. On *Ardea comata* from South Europe.
Colpocephalum vittatum Rudow, 1866. On *Ardea ralloides*, no locality.
Colpocephalum zonatum Rudow, 1869. Same data.

153. *Ardeola grayii* (Sykes).

Colpocephalum mirzai (Qadri), 1935. On *Ardeola grayii* from North India.

154. *Bubuleus ibis* (Linn.).

Colpocephalum (trochioxum var.) minus Piaget, 1885, nec 1880. On *Ardea russata*, no locality (Hyslop coll.).

155. *Casmerodus albus* (Linn.).

Colpocephalum obscurum Giebel, 1874. On *Ardea egretta*, no locality.
Rallicola acuminata (Piaget), 1885. On *Ardea egretta*, no locality. ? Straggler; see Rallidæ later.

* Also described from a female specimen taken from *Puffinus lherminieri subalaris* Ridgway (*Puffinus subalaris*), which I take to be the true host.

† The true host of this species is almost certainly one of the Laridæ.

156. *Casmerodus albus egretta* (Gmelin).

Colpocephalum laticeps Kellogg, 1896. On *Ardea egretta* from Kansas, U.S.A.

157. *Casmerodus albus modestus* (J. E. Gray).

Menopon suleatum Piaget, 1880. On *Ardea egretta*, no locality (Leyden Mus.), probably from Java.
Rallicola bipustulata (Piaget), 1880. On *Ardea egretta* from Java. ? Straggler; see Rallidæ later.

158. *Casmerodus albus melanorhynchus* (Wagler).

Colpocephalum oreas Kellogg, 1908. Straggler; see Ciconiinæ, no. 183). On *Herodias alba* * from Kilimandjaro-Meru, Natron Lakes.
Colpocephalum veratrum Kellogg, 1908. On *Ardea (Herodias) alba* from Kilimandjaro-Meru, Natron Lakes.

159. *Egretta garzetta* (Linn.).

Myrsidea kikuchii Uchida, 1918. On *Egretta garzetta* from Formosa. Straggler, probably from Passerine.
Colpocephalum (importunum var.) majus Piaget, 1880, p. 549, nec p. 519. On *Ardea garcetta*, no locality.

160. *Demigretta sacra* (Gmelin).

Ardeicola (signata var.) pallida (Piaget), 1880, nec *Lipeurus pallidus* Giebel, 1866. On *Ardea albolineata* from Celebes.

161. *Nycticorax nycticorax nycticorax* (Linn.).

Colpocephalum nyctarde Denny, 1842. On *Ardea nycticorax* from Britain.
Colpocephalum tamamurensis Uchida, 1926. On *Nycticorax n. nycticorax* from Japan.

162. *Nycticorax caledonicus minahassae* Meyer & Wiglesworth.

Ardeicola atrata (Piaget), 1880. On *Ardea caledonica* from Celebes.

* Also stragglers on *Aploelia larvata larvata* (Temminck).

163. *Tigriornis leucolopha* (Jardine).

Menopon planiceps Piaget, 1885. On *Ardea leucolopha*, Leyden Mus.

164. *Ardea* (s. l.) sp. ?

? *Sæmundssonia producta* (Piaget), 1880. On *Ardea* sp. from Java. Straggler; probable true host a Charadriiform.

Subfamily BOTAUINÆ.

165. *Ixobrychus minutus* (Linn.).

Philopterus sulcatus (Piaget), 1888. On *Ardea minutus*.

166. *Ixobrychus sturmii* (Wagler).

Colpocephalum xenicum Kellogg, 1908. On *Ardea (Ardeetta) sturmii* from Kilimandjaro Meru, Natron Lakes.

167. *Botaurus stellaris* (Linn.).

Colpocephalum trochioxum Nitzsch in Burmeister, 1838. On *Ardea stellaris*.

[*Læmbobothrion gilyum* Burmeister in Denny, 1842. On *Ardea stellaris*, almost certainly straggler, unique type in bad condition in 1874.]

Philopterus ovatus (Giebel), 1874. On *Ardea stellaris*.
Ardeicola stellaris (Denny), 1842. On *Ardea stellaris* from Britain.

Ardeicola fasciata (Piaget), 1880, unjustified nom. nor. for *stellaris* Denny. On *Ardea stellaris*.

168. *Botaurus lentiginosus* (Montagu).

Ardeicola botauri (Osborn), 1896. On *Botaurus lentiginosus* [from U.S.A.].

Suborder CICONIÆ.

Supergroup SCOPOIDEA.

Family Scopidæ.

169. *Scopus umbretta bannermani* C. H. B. Grant.

Menopon madagascariense Mjöberg, 1910. On *Scopus umbretta* from Madagascar.

the Type-hosts of the Mallophaga.

Co'pocephalum scopinum Mjöberg, 1910. Same data.
Degeeriella umbrina (Nitzsch in Giebel), 1866.
On *Scopus umbretta*.

Superfamily CICONIOIDEA.

Family Ciconiidæ.

Subfamily MYCTERIINÆ.

170. *Mycteria americana* Linn.

Menopon maculipes Giebel, 1874. On *Tantalus loculator*.

Colpocephalum femoratum Piaget, 1885. On *Mycteria americana*, Hyslop coll.

Colpocephalum scalariforme Rudow, 1866. On *Tantalus loculator*.

Neophilopterus heteropygus (Nitzsch in Giebel), 1874. On dry skin of *Tantalus loculator* in Berlin.
Ardeicola linearis (Rudow), 1869, nec *Lipeurus linearis* Nitzsch, 1866. On *Tantalus loculator*.
Ardeicola loculator (Giebel), 1874. On dry skin of *Tantalus loculator* in Berlin.

171. *Ibis leucocephalus* (Pennant).

Degeeriella trimaculata (Piaget), 1880. On *Ciconia leucocephala* * from Celebes. ? Straggler.

Ardeicola castanea (Piaget), 1885. On *Ciconia leucocephala* in Leyden Mus.

Esthiopterum (? *Ardeicola*) *tantali* (Fabricius), 1798. On *Tantalus leucocephalus*.

172. *Ibis cinereus* (Raffles).

Neophilopterus indicus (Piaget), 1880. On *Tantalus lacteus* from Java.

Ardeicola prælonga (Piaget), 1880. Same data.

Subfamily CICONIINÆ.

173. *Anastomus oscitans* (Boddaert).

Colpocephalum occipitale Nitzsch in Giebel, 1866.
On *Anastomus coromandelicus* in Paris (? Mus.).

Neophilopterus completus (Nitzsch in Giebel), 1866.
Same data.

* In view of the locality this was probably *Ibis cinereus* (Raffles) (see no. 172), and this may also apply in the case of *A. castanea* (Piaget).

- Ardeicola lepida* (Nitzsch in Giebel), 1866. Same data.
174. **Anastomus lamelligerus** Temminck.
Ardeicola signata (Piaget), 1880. On *Anastomus lamelligerus*, Leyden Mus.
175. *Anastomus lamelligerus madagascariensis* Milne-Edwards.
Neophilopterus platyclypeatus (Piaget), 1871. On *Anastomus lamelligerus* from Madagascar.
176. **Sphenorhynchus abdimii** (Lichtenstein).
Neophilopterus abdimius Bedford, 1929. On *Sphenorhynchus abdimi* from S.W. Africa.
177. **Dissoura episcopus microscelis** (G. R. Gray).
Neophilopterus episcopi (Kellogg), 1908. On *Dissoura* * *episcopus* or *microscelis* from Kilimandjaro-Meru, Natron Lakes.
178. *Dissoura episcopus episcopus* (Boddaert).
Colpocephalum uehidi Qadri, 1936. On *Dissoura episcopa* from North India.
Ardeicola episcopi (Qadri), 1936. Same data.
179. **Ciconia ciconia ciconia** (Linn.).
Colpocephalum quadripustulatum Nitzsch in Burneister, 1838. On *Ciconia alba* from Germany.
Colpocephalum zebra Nitzsch in Burneister, 1838. Same data.
Neophilopterus incompletus (Nitzsch in Denny), 1842. On *Ciconia alba* from England.
? *Ardeicola ardealis* (Scopoli) †, 1763. On *Ardea ciconia*.
Ardeicola ciconiae (Linn.), 1758. On *Ardea ciconia*.
Ardeicola versicolor Nitzsch, 1818, nom. nud. for *ciconiae* Linn. On *Ciconia alba*.

* Also stragglers on *Casmerodus albus melanorhynchos* (Wagler) (*Herodias alba*) and *Ephippiorhynchus senegalensis* Shaw. The females from the second host may have been *N. bicolor* (Piaget).

† This may be a species of *Neophilopterus*, in which case it is probably the same as *N. incompletus* (Nitzsch in Denny).

180. **Ciconia nigra** (Linn.).
Colpocephalum ferrisi Bedford, 1930. On *Melanopelargus niger* from S.W. Africa.
Neophilopterus tricolor (Nitzsch in Burmeister), 1838. On *Ciconia niger* from (?) Germany.
Ardeicola maculata (Nitzsch in Giebel), 1866. On *Ciconia nigra* from (?) Germany.
Ardeicola variegata (Neumann), 1912. On *Ciconia nigra* from Abyssinia *.
181. **Euxenura galeata** (Molina).
Neophilopterus subincompletus (Nitzsch in Giebel), 1866. On *Ciconia maguari*.
182. **Xenorhynchus asiaticus australis** (Shaw).
Philopterus horridus † (Giebel), 1876. On *Ciconia* (*Mycteria*) *australis*.
183. **Ephippiorhynchus senegalensis** (Shaw).
Colpocephalum ephippiorhynchi Mjöberg, 1910. On *Ephippiorhynchus senegalensis* from Sudan.
Colpocephalum oreas Kellogg, 1908. On *Ephippiorhynchus senegalensis* ‡ from Kilimandjaro-Meru, Natron Lakes.
Colpocephalum subflavescens Piaget, 1880. On *Xenorhynchus senegalensis*, Rotterdam Zoo.
Colpocephalum tibiale Piaget, 1888. On *Tantalus senegalensis*, Trouessart Coll.
Rallicola turbinata (Piaget), 1890 (? straggler; see Rallidae, later). On *Mycteria senegalensis*, Trouessart Coll.
Ardeicola bicolor (Piaget), 1888. On *Tantalus senegalensis*, Trouessart Coll.
184. **Leptoptilos dubius** (Gmelin) §.
Menopon temporale Piaget, 1880. On *Leptoptilos argala* §, Rotterdam Zoo.
Colpocephalum eurygaster Piaget, 1888. On *Leptoptilos argala* §, Trouessart Coll.
- * Also stragglers on *Gypaetus barbatus* (Linn.) and *Melittophagus variegatus*.
† This may be a *Neophilopterus*.
‡ Also stragglers on *Casmerodus albus melanorhynchos* (Wagler) and *Aplopelia larvata larvata* (Temminck).
§ This is only a tentative suggestion for the type-host. See also no. 204. I understand that at the time the name *argala* was in use both the species of *Leptoptilos* were known by this name.

185. *Leptoptilos crumeniferus* (Lesson).

Colpocephalum longissimum Rudow, 1869. On *Leptoptilos crumenifer*.

Ardeicola fissomaculata (Giebel), 1874. On *Mycteria crumenifera*.

Ardeicola genitalis (Piaget), 1885. On *Leptoptilos crumenifer*, Amsterdam Zoo.

186. *Ciconiidae*, gen. et sp. ?

Neophilopterus unifasciatus (Piaget)*, 1885. Straggler on *Polyborus vulgaris*, Leyden Mus.

Superfamily THRESKIORNITHOIDEA.

Family Threskiornithidae.

Subfamily THRESKIORNITHINAE.

187. *Threskiornis æthiopica æthiopica* (Latham).

Colpocephalum leptopygos Nitzsch in Giebel, 1874.
On *Ibis sacra* †, no locality.

Colpocephalum pygidiale Mjöberg, 1910. On *Ibis religiosa* (corrected in same paper to *I. æthiopica*, no locality, Mus. Göteborg).

Philopterus foudrasi (Coinde), 1859. On *Ibis sacra* †, no locality.

Ibidæcus threskiornis Bedford, 1929. On *Threskiornis æthiopica* from Zululand, S. Africa.

Degeeriella sacra (Giebel), 1866. On *Ibis sacra* †. Almost certainly a straggler, probably true host is a Charadriiform.

188. *Threskiornis melanocephala* (Latham).

Ibidæcus clausus (Giebel), 1874. On *Ibis macei*.

189. *Threskiornis molucca strictipennis* (Gould).

Ardeicola ibis Le Souëf & Bullen, 1902. On *Threskiornis strictipennis* from Australia.

* Piaget himself recognised this species as a Stork parasito.

† The interpretation of this host is doubtful. The "Sacred Ibis" is *Threskiornis æthiopica* (Latham), and the name *Ibis sacra* may be a mere rendering of Sacred Ibis into Latin. According to some ornithologists *Ibis sacra* = *Plegadis f. falcinellus* (Linn.) (see no. 199).

190. *Geronticus eremita* (Linn.).

Ibidæcus vicinus (Neumann), 1922. On *Comatibis comata* from Abyssinia.

Ardeicola exilis (Neumann), 1913, nom. nov. for *Lipeurus gracilis* Neumann, 1912, nec Packard, 1870. On *Comatibis comata* from Abyssinia.

191. *Lampribis olivacea* (Du Bus).

Eukæmbothrion pallescens (Kellogg), 1908, nom. nov. for *Læmbothrion pallidum* Piaget, 1885, nec Giebel, 1874. On *Ibis olivacea*, Leyden Mus.

192. *Hagedashia hagedash* (Latham).

Colpocephalum subpenicillatum Piaget, 1885. On *Ibis hagedasch*, Leyden Mus.

Ardeicola capitata (Piaget)*, 1885. Same data.

193. *Hagedashia hagedash hagedash* (Latham).

Eukæmbothrion kelloggi (Bedford), 1919, nom. nov. for *Læmbothrion africanum* Kellogg & Ferris, 1915, nec Kellogg, 1908. On *Theristicus hagedash* from Zululand, S. Africa.

194. *Theristicus caudatus* (Boddaert).

Menopon mammillatum Piaget, 1885. On *Theristicus caudatus*, no locality (Hyslop Coll.).

Colpocephalum trispinum Piaget, 1885. Same data.

Ardeicola theristicum (Pessôa & Guimarães), 1935. On *Theristicus caudatus* (Bodd.) from Matto-Grosso, Brazil.

195. *Theristicus branickii* Berlepsch & Stolzmann.

Ibidæcus fissisignatus (Kellogg & Paine), 1911. On "Desert Curlew" from Bolivia.

Ardeicola epiphanes (Kellogg & Paine), 1911. Same data.

196. *Mesembrinibis cayennensis* (Gmelin).

Eukæmbothrion setigerum (Piaget), 1889. On *Ibis cayennensis*, no locality.

* Clay, 1935, gives the type-host of this species as *Hagedashia hagedash nilotica* Neumann, but I can see no justification for this.

197. *Guara alba* (Linn.).

Colpocephalum fusconigrum Giebel, 1874. On *Ibis alba*, no locality.

198. *Guara rubra* (Linn.).

Philopterus furcatus * (Giebel), 1874. On *Ibis rubra*.
Ibidoeus hians (Giebel), 1874. On *Ibis rubra*.
Ardeicola gracilenta (Piaget), 1888. On *Ibis rubra*, no locality.

199. *Plegadis falcinellus falcinellus* (Linn.).

Ibidoeus bisignatus (Nitzsch in Giebel), 1866. On *Ibis falcinellus*, Naumann Coll.
Ardeicola pseudoraphidia (Taschenberg), 1882 (part; see no. 202), *nom. nov.* for *Lipeurus raphidius* Piaget, 1880, *nec* Nitzsch, 1866. On *Ibis falcinellus* †, Leyden Mus.
Ardeicola raphidia (Nitzsch in Giebel), 1866. On *Ibis falcinellus*, no locality.

200. *Plegadis falcinellus peregrinus* (Bonaparte).

Philopterus emarginatus (Piaget), 1871. On *Ibis peregrina*, no locality.

201. *Plegadis guarauna* (Linn.).

Ardeicola argentina (Kellogg), 1906. On *Plegadis guarauna* from Argentina.

202. *Lophotibis cristata* (Boddaert).

Colpocephalum penicillatum Piaget, 1880. On *Ibis cristata*, Leyden Mus.
Ardeicola pseudoraphidia (Taschenberg), 1882, *nom. nov.* for *Lipeurus raphidius* Piaget, 1880, *nec* Nitzsch, 1866 (part; see no. 199). On *Ibis cristata* ‡, Leyden Mus.

203. From undetermined Ibises.

Ibidoeus acutulus (Neumann), 1922. On "Ibis," no locality, Hyslop Coll.

Ibidoeus bimaculatus (Mjöberg), 1910. On *Ibis* sp. from South America.

* This may be an *Ibidoeus*.

† The specimens from this host are apparently not those on which the description was chiefly based; see no. 202.

‡ This host is probably the correct one.

204. Probably from Ibises. Species described from stragglers, etc.

Ibidoeus brevioratus (Nitzsch in Giebel), 1866. On dry skin of *Ciconia argala* * at Frankfort.
Ibidoeus robustus Qadri, 1935. On "a water-bird" † from North India.
Ibidoeus longiclypeatus (Piaget), 1885. Straggler on "*Sittace macao*," Leyden Mus.
Ibidoeus piageti (Bezzi), 1890, *nom. nov.* for *bisignatus* Piaget, 1885, *nec* Nitzsch, 1866. Same data.
Ardeicola macroceros (Piaget), 1885. Straggler on "*Milvago pezoporus*," Amsterdam Zoo.

Subfamily PLATALEINÆ.

205. *Platalea leucorodia* Linn.

Menopon atrofulvum Piaget, 1880. On *Platalea leucorodia*, no locality.
Actornithophilus gracilis (Piaget) ‡, 1880. Same data.
Ibidoeus plataleæ (Denny), 1842. On *Platalea leucorodia* from England.

Ibidoeus sphenocephalus (Nitzsch in Giebel), 1866. On *Platalea leucorodia*.
? *Degeeriella dentata* (Mjöberg), 1910. On *Platalea* sp. "Stuxberg coll." (i. e., Arcticæ).

Ardeicola plataleæ (Linn.), 1758. On *Platalea leucorodia*.
Ardeicola platalearum (Giebel), 1866. On *Platalea leucorodia* § from Holland.

206. *Platalea alba* Scopoli.

Eucolpocephalum robustum Bedford, 1930. On *Platalea alba* from Cape Province, S. Africa.

207. *Platalea flavipes* (Gould).

Ibidoeus flavus Cummings, 1916. On *Platibis flavipes* from Victoria, Australia.

* See no. 184 for notes on this host name.

† The true host of this species may be one of the following birds:—*Threskiornis melanocephala* (Latham), *Plegadis falcinellus* (Linn.), *Platalea leucorodia major* Temminck & Schlegel.

‡ If this species is an *Actornithophilus* it must be a straggler.

§ Giebel also mentions specimens from *P. ajaja*, but states that they had been lost.

208. *Ajaia ajaja* (Linn.).

Colpocephalum ajajae Ewing, 1930. On *Ajaia ajaja* from Texas, U.S.A.

209. On Ciconiiformes—true hosts not known.

Ardeicola porrecta (Piaget), 1890. Straggler on *Buceros bicornis*, Trouessart Coll.

Ardeicola saturatior (Piaget), 1890. Straggler on *Tochus erythrorhynchus*, Trouessart Coll.

Suborder *PHÖNICOPTERI* Temminck.

Family *Phoenicopteridae*.210. *Phoenicopterus antiquorum* Temminck.

Colpocephalum heterosoma Piaget, 1880. On *Phoenicopterus antiquorum*, Rotterdam Zoo.

Trinoton femoratum Piaget, 1880. Same data.

Philopterus phoenicopterus (Mjöberg), 1910. On *Phoenicopterus roseus*, Copenhagen Zoo.

Philopterus pilosus (Piaget), 1880. On *Phoenicopterus antiquorum*.

Philopterus pygaspis (Nitzsch in Giebel), 1866. On *Phoenicopterus antiquorum*.

*Anaticola phoenicopterae** (Coinde), 1859. On "Flamants de Nubie—Indie, Gulf Babel Mandeb."

Anaticola subsignata (Giebel), 1866. On *Phoenicopterus antiquorum* from Berlin (Zoo or Museum?).

Anaticola trapezoidea (Rudow), 1869. On *Phoenicopterus antiquorum*, no locality.

(*Ardeicola phoenicopteri* (Macalister), 1871. Straggler. See no. 148.)

211. *Phoenicopterus ruber* Linn.

Anaticola candida (Rudow), 1869. On *Phoenicopterus ruber*.

[To be continued.]

* The name given to this species in the original is "*Lipeurus phoenicopteræ*."

XXV.—Notes on the Herpetology of the East African Islands. By H. W. PARKER, R. E. MOREAU, and R. H. W. PAKENHAM.

In preparation for a check-list of the vertebrates of the East African islands, Pemba, Zanzibar and Mafia, past compilations by Voeltzkow (1923), Loveridge (1923, 1924, 1930) and Pitman (1938) have been examined critically. Several forms admitted therein to one or other of the insular lists have had to be rejected, and it seems desirable that the reasons should be placed on record. As regards Zanzibar, there is, of course, the standing difficulty that up to about 1887 the name was applied not only to the island, but to the coastal strip of the mainland that was more or less subject to the authority of the Sultan. Sometimes the fact that a specimen, attributed to "Zanzibar" in a list, did not come from the island can be established by examining the original label or museum-register entry; but after all such efforts it may be suspected that the Zanzibar Island list will remain unduly augmented by records actually derived from the mainland.

Many of the nominal species appearing in the papers referred to have subsequently been shown to be synonyms or misidentifications, and a number of others are almost certainly based on specimens with incorrect localities. For the convenience of those who have no facilities for consulting the scattered literature, the names now believed to be synonyms and those based on erroneous identifications are given, as well as the reasons which lead us to reject certain other records.

I. Nominal Species now Regarded as Synonyms or Misidentifications.

SAURIA.

Phelsuma laticauda Boettger. This species is recorded from Zanzibar by Loveridge (1923, 1924). *P. dubium* Boettger being placed as a synonym. But Tornier (1902), after examining co-types of both, asserts that the two are distinct and that the form occurring on Zanzibar is *P. dubium*. The most recent worker on the genus (Rendahl, 1939, p. 264) accepts the latter view.