

The Piaget Collection of Mallophaga.—Part II.
 By GORDON B. THOMPSON.

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Species.	No. of specimens in B.M.	No. of slides.	
<i>Colpocephalum abdominale</i> Piaget.	3 ♀♀, 4 ♂♂	4	<i>Grus leucauchen</i> (Japan).
<i>C. aculeatum</i> P.	1 ♀*	1	<i>Colymba iriditorquus</i> .
<i>affine</i> Nitzsch	4 ♀♀, 1 ♂	3	<i>Totanus latirostris</i> .
<i>C. albidum</i> Giebel	5 ♀♀, 1 ♂	3	<i>Totanus ochropus</i> .
<i>C. angulaticeps</i> Piaget	1 ♀, 1 ♂	1	<i>Colymba phasionella</i> .
<i>C. assimile</i> Piaget	3 ♀♀, 2 ♂♂	3	<i>Phasianus torquatus</i> .
<i>C. atrofasciatum</i> Piaget	4 ♀♀, 1 ♂	3	" Pigeon domestique."
<i>C. atrofasciatum</i> var. Piaget	5 ♀♀, 5 ♂♂	5	<i>Fregata minor</i> .
<i>C. biseriatum</i> Piaget	5 ♀♀, 3 ♂♂	3	<i>Grus mexicana</i> .
<i>C. castaneum</i> Piaget	3 ♀♀, 3 ♂♂	3	<i>Grus antiqua</i> .
<i>C. caudatum</i> Giebel	7 ♀♀, 3 ♂♂	4	<i>Grus pavonina</i> .
<i>C. caudatum</i> var. <i>setosa</i> Piaget	2 ♀♀	1	<i>Balearica pavonina</i> .
<i>C. caudatum</i> var. <i>major</i> Piaget	4 ♀♀, 2 ♂♂	2	<i>Gracula javanica</i> .
<i>C. caudatum</i> var. <i>longipes</i> Piaget	4 ♀♀, 3 ♂♂	3	<i>Cygnus atratus</i> .
<i>C. ciliatum</i> Piaget	1 ♀, 1 ♂	1	<i>Recurvirostra avocetta</i> .
<i>C. crassipes</i> Piaget	1 ♀, 1 ♂	1	<i>Vultur tenuirostris</i> .
<i>C. dissimile</i> Piaget	1 ♀, 1 ♂	1	<i>Harpygia guineensis</i> .
<i>C. dissimile</i> var. <i>major</i> Piaget	3 ♀♀, 3 ♂♂	3	<i>Helotarsus ecaudatus</i> .
<i>C. elongatum</i> Piaget	3 ♀♀, 3 ♂♂	3	<i>Gypogeranus serpentarius</i> .
<i>C. eurygaster</i> Piaget	3 ♀♀, 2 ♂♂	2	<i>Chunga burmeisteri</i> .
<i>C. femoratum</i> Piaget	4 ♀♀, 2 ♂♂	2	<i>Tallegallus novaequinae</i> .
<i>C. flavescens</i> Nitzsch	12 ♀♀, 8 ♂♂	8	<i>Sterna poliocera</i> .
<i>C. fuscipes</i> Piaget	1 ♀	1	<i>Milvus aegyphacus</i> .
<i>C. fusconigrum</i> Giebel	3 ♀♀, 3 ♂♂	3	<i>Haliaëtus leucogaster</i> .
<i>C. gracile</i> Piaget	1 ♀, 1 ♂	1	<i>Pyrhhorcorax alpinus</i> .
<i>C. grandiceps</i> Piaget	1 ♀, 1 ♂	1	<i>Leptoptilus argala</i> .
<i>C. grandiceps</i> var. Piaget	3 ♀♀	2	<i>Mycteria americana</i> .
<i>C. heterosoma</i> Piaget	9 ♀♀, 8 ♂♂, 2 imm.	7	<i>Haliaëtus leucogaster</i> .
<i>C. hirtum</i> Rudow	1 ♀, 1 ♂	1	<i>Strix nivea</i> .
<i>C. importunum</i> Nitzsch	8 ♀♀, 5 ♂♂	5	<i>Circæus cinereus</i> .
			<i>Haliaëtus albicilla</i> .
			<i>Haliastur indus</i> .
			<i>Larus dominicanus</i> .
			<i>Ibis melanocephala</i> .
			<i>Platalea leucorodia</i> .
			<i>Hæmatopus ostralegus</i> .
			<i>Pluvianus aegypticus</i> .
			<i>Bernicla brenta</i> .
			<i>Phænicopterus antiquorum</i> .
			<i>Phænicopterus ruber</i> .
			<i>Buceros cassidix</i> .
			<i>Ardea minuta</i> .
			<i>Ardea cinerea</i> .

* Only the male is mentioned in the original description. The specimen in the collection is undoubtedly a female.

Species.	No. of specimens in B.M.	No. of slides.	Hosts.
✓ <i>C. importunum</i> var. <i>major</i> Piaget.	2 ♀♀, 2 ♂♂.	2	<i>Ardea garcetta</i> .
✓ <i>C. incisum</i> Piaget	1 ♀*.	1	<i>Phaëton flavirostris</i> .
✓ <i>C. latifasciatum</i> Piaget	1 ♂.	1	<i>Rhynchops flavirostris</i> .
✓ <i>C. leptopygus</i> Nitzsch	2 ♀♀, 1 ♂.	2	<i>Ibis peregrina</i> .
✓ <i>C. longipes</i> Piaget	2 ♀♀, 2 imm.	2	<i>Ibis melanocephalo</i> .
<i>C. maculatum</i> Piaget	4 ♀♀, 3 ♂♂.	3	<i>Eclectus puniceus</i> .
✓ <i>C. majus</i> Piaget	1 ♀.	1	<i>Coracopsis nigra</i> .
<i>C. maurum</i> Nitzsch	3 ♀♀, 1 ♂.	3	<i>Caracara brasiliensis</i> .
<i>C. minus</i> Piaget	4 ♀♀, 1 ♂.	2	<i>Megapodium rubripes</i> var. <i>dupperreyi</i> .
<i>C. nanum</i> Piaget	1 ♀.	1	<i>Sterna nigra</i> .
✓ <i>C. notatum</i> Piaget	4 ♀♀, 2 ♂♂.	2	<i>Sterna anglica</i> .
<i>C. obscurum</i> Giebel	1 ♂.	1	<i>Sula piscatrix</i> (?spelling).
<i>C. occipitale</i> Nitzsch	1 ♀, 1 ♂.	1	<i>Megapodium rubripes</i> var. <i>freycineti</i> .
<i>C. ochraceum</i> Nitzsch	6 ♀♀, 4 ♂♂, 2 imm.	7	<i>Megapodium rubripes</i> var. <i>giberti</i> .
<i>C. pachygaster</i> Giebel	3 ♀♀, 3 ♂♂.	3	<i>Larus canus</i> .
<i>C. pachypus</i> Piaget	1 ♂ †.	1	<i>Dicholophus cristatus</i> .
<i>C. pallidum</i> Piaget	2 ♀♀, 1 ♂.	1	<i>Ardea egretta</i> .
<i>C. parviceps</i> Piaget	4 ♀♀, 3 ♂♂, 3 imm.	4	<i>Anastomus lamelligerus</i> .
<i>C. patellatum</i> Piaget	4 ♀♀, 2 ♂♂.	2	<i>Vanelus cristatus</i> .
<i>C. penicillatum</i> Piaget	1 ♀, 2 ♂♂.	2	<i>Sterna anglica</i> .
<i>C. pilosum</i> Piaget	6 ♀♀, 3 ♂♂.	3	<i>Pandion haliaëtus</i> .
<i>C. pungens</i> Piaget	1 ♀.	1	<i>Prionites brasiliensis</i> .
✓ <i>C. pustulatum</i> Piaget	1 ♀.	1	<i>Plectolophus moluccensis</i> .
<i>C. pustulosum</i> Piaget	2 ♀♀, 2 ♂♂.	2	<i>Lamprotorornis xeneas</i> .
<i>C. quadripustulatum</i> Nitzsch	1 ♀ †.	1	<i>Lamprotorornis</i> sp.?
<i>C. semicinctum</i> Rudow	4 ♀♀, 2 ♂♂.	3	<i>Numenius arquatus</i> .
<i>C. setosum</i> Piaget	6 ♀♀, 4 ♂♂, eggs.	5	<i>Ibis rubra</i> .
<i>C. spinosum</i> Piaget	1 ♀, 1 ♂.	1	<i>Ibis cristata</i> .
✓ <i>C. spinulosum</i> Piaget	1 ♀, 1 ♂.	1	<i>Palamedea chavaria</i> .
✓ <i>C. subæquale</i> Nitzsch	6 ♀♀, 1 ♂.	4	<i>Calorais panayensis</i> .
✓ <i>C. subflavescens</i> Piaget	2 ♀♀, 1 ♂.	2	<i>Gypogeranus cirratus</i> .
			<i>Machetes pugnax</i> .
			<i>Ciconia alba</i> .
			<i>Corvus scapularis</i> .
			<i>Dicholophus cristatus</i> .
			<i>Cathartes gryphus</i> .
			<i>Francolinus capensis</i> .
			<i>Limosa melanura</i> .
			<i>Corvus corone</i> .
			<i>Corvus monedula</i> .
			<i>Corvus corax</i> .
			<i>Platalea leucorodia</i> .
			<i>Xenorhynchus senegalensis</i> .

* The male only was described by Piaget, but the only specimen in the collection is almost certainly a female.

† A female is mentioned in the original description, but there is no female in the collection.

‡ A male is mentioned by Piaget in his monograph, but there is no male in the collection.

Species.	No. of specimens in B.M.	No. of slides.	Hosts.
✓ <i>C. subpachygaster</i> Piaget	5 ♀♀, 1 ♂.	3	<i>Strix passerina</i> .
			<i>Strix flammea</i> .
			<i>Strix noctua</i> .
<i>C. subpenicillatum</i> Piaget	3 ♀♀, 3 ♂♂.	4	<i>Ibis hagedasch</i> .
			<i>Ibis falcinella</i> .
<i>C. sulcatum</i> Piaget	1 ♀*.	1	<i>Sterna nigra</i> .
✓ <i>C. temporale</i> Piaget	1 ♀.	1	<i>Macroglossus aterrimus</i> .
✓ <i>C. tibiale</i> Piaget	5 ♀♀, 6 ♂♂.	5	<i>Tantalus senegalensis</i> .
			<i>Mycteria senegalensis</i> .
(<i>tricinatum</i> Nitzsch	1 ♀, 1 ♂.	1	<i>Milvus ater</i> .
(<i>trimaculatum</i> Piaget	5 ♀♀, 2 ♂♂.	4	<i>Platycercus palliceps</i> .
			<i>Platycercus barrabandi</i> .
✓ <i>C. trispinum</i> Piaget	4 ♀♀, 3 ♂♂.	3	<i>Theristicus caudatus</i> .
✓ <i>C. trochioxum</i> Nitzsch	3 ♀♀, 2 ♂♂.	2	<i>Ardea purpurea</i> .
			<i>Ardea stellaris</i> .
✓ <i>C. trochioxum</i> var. <i>minor</i> Piaget.	6 ♀♀, 4 ♂♂.	4	<i>Ardea russata</i> .
✓ <i>C. truncatum</i> Piaget	10 ♀♀, 7 ♂♂ †.	8	<i>Grus antiqua</i> .
			<i>Grus carunculata</i> .
			<i>Grus mexicana</i> .
✓ <i>C. umbrinum</i> Nitzsch	1 ♂ ‡.	1	<i>Tringa subarquata</i> .
✓ <i>C. uniseriatum</i> Piaget	3 ♀♀, 1 ♂.	3	<i>Recurvirostra avocetta</i> .
<i>C. zebra</i> Nitzsch	3 ♀♀, 2 ♂♂.	3	<i>Ciconia alba</i> .
<i>Nitzschia burmeisteri</i> Denny	2 ♀♀.	1	<i>Cypselus apus</i> .
<i>N. pulicaris</i> Nitzsch	3 ♀♀, 4 ♂♂, 4 imm.	5	<i>Cypselus apus</i> .
<i>Trinoton conspurcatum</i> Nitzsch	8 ♀♀, 5 ♂♂.	9	<i>Cygnus musicus</i> .
			<i>Cygnus atratus</i> .
<i>T. continuum</i> Piaget	4 ♀♀, 3 ♂♂, 3 imm.	5	"Oie domestique."
<i>T. femoratum</i> Piaget	1 ♀.	1	<i>Phœnicopterus antiquorum</i> .
<i>T. lituratum</i> Nitzsch	1 ♀.	1	<i>Dendrocygnus arboreus</i> .
<i>T. lituratum</i> var. <i>intermedium</i> § Piaget.	1 ♀.	1	<i>Anas rajad</i> .
<i>T. luridum</i> Nitzsch	9 ♀♀, 1 ♂.	6	<i>Anas clangula</i> .
			<i>Anas querquedula</i> .
			<i>Anas crecca</i> .
			<i>Anas acuta</i> .
			"Canard de Caroline."
(<i>spinosum</i> Piaget	2 ♂♂ .	2	<i>Marecca penelope</i> .
<i>Eureum cimicoides</i> Nitzsch	1 ♀.	1	<i>Cypselus apus</i> .
<i>Læmobothrion emarginatum</i> Piaget.	2 ♀♀.	1	<i>Gallinula hæmatopus</i> (Celebes).
<i>L. giganteum</i> Nitzsch	1 ♀, 1 ♂.	1	<i>Falco tinnunculus</i> .

* Only the male is mentioned in the original description, but the specimen in the collection is almost certainly a female.

† Also a slide, with two specimens, bearing two names on the label, i. e., *C. truncatum* P., ♂, and *C. thoracicum*, ♀, from *Grus antiqua*.

‡ Piaget mentions the female and specimens from other hosts in the monograph, but only a single male is contained in the collection.

§ This var. is treated as a distinct species by Piaget in his monograph.

|| Females are mentioned in the original description, but there are none in the collection.

Species.	No. of specimens in B.M.	No. of slides.	Hosts.
<i>L. ? hastipes</i> Nitzsch	2 ♂♂.	1	<i>Falco tinnunculus.</i>
<i>L. laticolle</i> Nitzsch	6 ? imm.	2	<i>Falco subbuteo.</i>
<i>L. pallidum</i> Piaget	1 ♀ (in pieces).	1	<i>Ibis olivacea.</i>
<i>L. setigerum</i> Piaget	2 ♀♀, 2 ♂♂.	2	<i>Ibis cayennensis.</i>
<i>L. titan</i> Piaget	2 ♀♀.	2	<i>Milvus ætolius.</i>
<i>Physostomum agonum</i> Nitzsch...	1 ♀.	1	<i>Polyborus vulgaris.</i>
<i>P. fasciatum</i> Piaget	1 ♀.	1	<i>Sylvia rubecula.</i>
<i>P. intermedium</i> Piaget	2 ♀♀, 1 ♂.	2	<i>Larus argentatus.</i>
<i>P. longitarsatum</i> Piaget	1 ♀.	1	<i>Bombycilla garrula.</i>
<i>P. maculatum</i> Piaget	1 ♀.	1	" <i>Lamprotornis.</i> "
<i>P. mystax</i> Nitzsch	1 ♀, 1 ♂.	1	<i>Apternus crissoleucus.</i>
<i>P. thoracicum</i> Piaget.....	1 ♂.	1	<i>Turdus pilaris.</i>
			<i>Centropus eurycercus.</i>

[To be continued.]

