A List of the Bird-Skins obtained in South China, with Notes and Description.

By

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I have recently obtained 71 skins (55 species and subspecies) of birds from the Chinese collectors and taxidermists, Tang Jen-kuan (唐仁官) and his brother Tang Jui-yu (唐瑞玉), through the courty of Messrs. D. K. Kajiwara (梶原國生氏) and T. Watanabe (渡邊俊郎氏) of Shanghai. The specimens mostly came from Shanghai, Woosung and Nanking in Kiangsu, and some of them from Foochow in Fukien, Kwangsi (廣西省) and Chekiang (浙江省).

Fam. CORVIDAE.

1. *Corvus coronoides colonorum* Swinhoe.
1 juv., Foochow (福州), Fukien (福建省) xii. 1928. Wing
305 mm.
2. *Corvus torquatus* Lesson.
1 ad., Foochow, xii. 1928.
3. *Coloeus dauricus dauricus* (Pallas).
1 ad. (dark form: *neglectus*), Shanghai (上海), Kiangsu
(江蘇省) iii. 1929.
4. *Pica pica sericea* Gould.
1 ad., Shanghai, ii. 1929.
5. *Cyanopica cyana swinhoei* Hartert.
1 ad., Shanghai, ii. 1929.
6. *Urocissa erythrorhyncha erythrorhyncha* (Boddaert).
1 ad., Foochow, xii. 1928.

Fam. STURNIDAE.

7. *Aethiopsar cristatellus cristatellus* (Swinhoe).
1 ad., Foochow, xi. 1928.
8. *Spodiopsar sericeus* (Gmelin).
1 ad., Shanghai, xii. 1928.

Fam. ORIOLIDAE.

9. *Oriolus chinensis indicus* Jerdon.
1 ad., Shanghai, vi. 1929.

Fam. FRINGILLIDAE.

10. *Eophona migratoria pulla* Penard.
1 ♀ ad., Shanghai, ii. 1929. Wing 103.5, culmen 21.5 mm.
11. *Passer montanus saturatus* Stejneger.
1 ♀ ad., Shanghai, ii. 1929. Entire culmen 10.5, height of bill 7 mm.

Fam. PARIDAE.

12. *Parus major artatus* Thayer & Bangs.
2 ads., Shanghai, ii. 1929. Wing 66, 67.5; tail 60.5, 61 mm.

I have referred these two specimens to *artatus* rather than to *commixtus*. (Cf. Hartert, Vög. pal. Faun., Nachtrag I, 1923, p. 38 and La Touche, Handb. B. Eastern China, Part I, 1925, pp. 23-25).

13. *Aegithalos caudatus glaucogularis* (Moore).
1 ad., Shanghai, iv. 1929.

Fam. LANIIDAE.

14. *Lanius schach schach* Linnaeus.
1 ad., Shanghai, iii. 1929.

Fam. BRACHYPODIDAE.

15. *Pycnonotus sinensis sinensis* (Gmelin).

1 ad., Shanghai, iii. 1929. Wing 88.5 mm.

Dr. Stresemann (J. f. O., 1923, p. 363) has separated a form from "Wusung" (Woosung) near Shanghai under the name of *septentrionalis* and has stated that the length of wing in the latter form varies from 92 to 97 mm. instead of 82-91 mm. as in *sinensis*. My specimen, however, appears to belong to the latter form than to the former (see wing length).

Fam. CAMPOPHAGIDAE or PERICROCOTIDAE (Baker).

16. *Pericrocotus speciosus fohkiensis* Baker.

1 ♂ ad. and 1 ♀ ad., Kwangsi (廣西), xi. 1927. Wing,
♂ 103; ♀ 98 mm.

It is recorded only from Kwangtung and Fukien, so that this is probably the first record for this form obtained in Kwangsi. It is slightly larger form than typical *speciosus* ("wing 92-101" — according to Baker). The length of wing of *fohkiensis* measured by La Touche is as follows:—
"wing, ♂ 100-106, ♀ 99-102."

Fam. DICRURIDAE.

17. *Dicrurus macrocercus cathoecus* Swinhoe.

1 ad., Foochow, iii. 1928.

Fam. ARTAMIDAE.

18. *Artamus fuscus* Vieillot.

1 ad., Kwangsi, xi. 1928.

Fam. MUSCICAPIDAE.

19. *Terpsiphone paradisi incei* (Gould).

1 ♂ (white plumage), v. 1929 and 1 ♂ (reddish-brown plumage), vi. 1929.

Both obtained in Shanghai. Wing 88 (white ♂), 92 (brown ♂).

Fam. SYLVIIDAE.

20. *Acanthopneuste nitidus plumbeitarsus* (Swinhoe).

1 ad., Shanghai, iii. 1929.

This specimen has two distinct wing bars and should be referable to Baker's *saturatus*, but I am inclined to consider that the opinion of Dr. Hartert (Vög. pal. Faun., pp. 511, 512) seems to be correct on the wing bars which change according to seasons by abrasion of the white tips of the feathers in summer dress.

21. *Horornis cantans canturians* (Swinhoe).

1 ♂ ad., Shanghai, iv. 1929.

Fam. TURDIDAE.

22. *Turdus hortulorum* Selater.

1 ♂ ad., Shanghai, iii. 1929.

23. *Turdus merula mandarinus* Bonaparte.

1 ad., Foochow, xi. 1928.

Fam. ENICURIDAE.

24. *Enicurus leschenaulti sinensis* Gould.

1 ad., Foochow, xii. 1928. Wing 109.5; tail 156; tarsus 30; entire culmen 25; outermost tail-feathers 37 mm. shorter than the second.

Fam. HIRUNDINIDAE.

25. *Hirundo rustica gutturalis* Scopoli.

1 ♂ ad., Shanghai, v. 1929.

Fam. EURYLAEMIDAE.

26. *Psarisomus dalhousiae dalhousiae* (Jameson).

1 ad., Kwangsi (廣西), xi. 1928. Wing 100.5 mm.

There are 3 forms of the species recognized as follows :—

P. d. dalhousiae (Jameson)—“Himalaya Mountains, Assam, Manipur, Cachar, Burma.” (Hartert).

P. d. psittacinus (Müller)—Sumatra.

P. d. borneensis Hartert.—Kina Balu, Borneo.

I have no record of this species found in S. China though it is recorded from Lao Kay, Tonkin (wing 95 mm.). The length of wing in the present specimen measures 100.5 mm. and the coloration of body richer and darker quite equal to the Himalayan and the typical form. Mr. Baker gives the measurements of wing from several localities as follows :—

Sikkim, Assam and Shan States.	100-107 mm.	} <i>P. d. dalhousiae</i> .
Annam	100-101	
Malay States.	95-104	
Borneo and Sumatra	95-100	} <i>P. d. borneensis and psittacinus</i> .

Fam. ALCEDINIDAE.

27. *Ceryle lugubris guttulata* Stejneger.

1 ♂ ad. and 1 ♀ ad., Foochow, xii. 1928.

28. *Alcedo atthis bengalensis* Gmelin.

1 ♂ ad., Shanghai, i. 1929. Wing 71 mm.

29. *Halcyon smyrnensis fusca* (Boddaert).

1 ad., Foochow, xii. 1928. Wing 124 mm.

Fam. PICIDAE.

30. *Dryobates hardwickii scintilliceps* (Swinhoe).

1 ♂ ad., Nanking, Kiangsu, ii. 1929. Wing 98.5; tail 66 mm.

31. *Dryobates major cabanisi* (Malherbe).

1 ♂ ad. and 1 ♀ ad., Nanking, Kiangsu, ii. 1928.

Dr. G. D. Wilder has given me two specimens of this form from "Tunghsien (通县), Hopei" (i. and iii. 1929). I have compared them with one skin from Mukden, S. Manchuria, and those of Dr. Rensch's measurements, which results are as follows:—

Measured by Kuroda.			Measured by Dr. Rensch.		
Mukden	Wing	Entire culm.	Peking	Wing	Culmen
1 ♀	128	29	2 ♂ ♂	128	31
			1 ♀	133	29
Tunghsien			"Bannwald"		
1 ♂	132.5	32.5	1 ♂	128	29.5
1 ♂	126.5	35.5	1 ♀	127	26
Nanking			"Schangtaiwan, Kwanjientschou"		
1 ♂	125	33	1 ♂	131	31
1 ♀	127	31	4 ♀ ♀	128-130	26-28

The two ♂ skins from Tunghsien have their culmens seem to be longer than others and one of the males (N. Kuroda Coll. No. 12346) has outer tail-feathers nearly unbarred! (probably an individual variation). The another male (No. 12347) has the scapulars distinctly and subterminally tipped with white and with narrow black apical margins to the feathers. The last character shows the connection between typical *major* and *cabanisi* *

32. *Dryobates major mandarinus* (Malherbe).

1 ♂ ad. Foochow, Fukien, xi. 1928. Wing 135.5; entire culmen 32 mm.

This skin seems to belong to the South Chinese form with longer wing and much darker underparts than any other specimens before me.

* I perfectly agree with Dr. Rensch who has united both *major* and *cabanisi* into one species.

I take this opportunity to describe an apparently new form of the Great Spotted Woodpecker from N. China :—

Dryobates major renschi, subsp. nov.

Diagnosis.— Similar to dark phase of *seoulensis* from Korea, but bill longer and broader, wing also a trifle longer, white area of edge of wing much purer white with a few obscure dusky bars, white spots on wing distinctly larger and outer tail-feathers have a few spots of dark brown instead of very thickly banded as in *seoulensis*.

Measurements.— ♀ ad. (type), wing 133.5, tail 83.5, tarsus 21, entire culmen 31, width of upper mandible at base 13, height of mandibles at front of nasal plumes 8 mm.

Type from Prov. Chihli, N. China, March, 1915. Collected by a Chinese. Presented by Dr. G. D. Wilder of Peking. N. Kuroda Coll. no. 11265.

Remarks.— The new form is very distinct from *cabinisi*-group and it also differs from *tscherskii* and *brevirostris* (both compared). Possibly Dr. Rensch (Abh. u. Ber. d. Mus. f. Tierk. u. Volkerk. zu Dresden, 1923, Bd. XVI, Nr. 2, p. 37) is quite right to consider that winter birds at Peking which have white or grey markings on scapulars are all came down from northern districts. My specimen also seems to be the same, but it is distinguished from any known forms of *major*.

Named in honour of Dr. Bernhard Rensch of the Zoological Museum in Berlin.

Fam. CUCULIDAE.

33. *Hierococyx sparverioides* (Vigors).

1 ad., Nanking, vi. 1929.

34. *Centropus sinensis sinensis* (Stephen).

1 juv., Foochow, xii. 1927, Wing 197, tail 278, tarsus 59, entire culmen 39 mm.

Fam. STRIGIDAE.

35. *Otus bakkamoena glabripes* (Swinhoe).

1 ad., Foochow, xii. 1927.

Fam. FALCONIDAE.

36. *Cerchneis tinnunculus interstinctus* (McClelland).

1 ♂ ad., Foochow, viii. 1928. Wing 237, tail 162 mm.

Fam. ANATIDAE.

37. *Dendronessa galericulata* (Linnaeus).

1 ♂ ad., Chekiang (浙江省), xii. 1928. Wing 228, tail 104.5, tarsus 38, exposed culmen 26.5 mm.

The present specimen examined by me is as follows:—

(i) The central stripe in the elongated feathers of the neck pure white; (ii) the black posterior border of the elongated innermost tertial 4 mm. in width; (iii) the border of the upper mandible adjacent to the sides of the face inclined anteriorly; and (iv) the length of wing only 228 mm.

I have examined a large series of the species from Japan, Korea, Formosa and China, and came to the conclusion that Clark's *brunnescens* from Kiusiu and Shanghai (Proc. Biol. Soc. Wash., XXVII, p. 87, 1914) is undoubtedly a synonym of *galericulata*. The results of my investigation are appearing in my "Avifauna of the Riu Kiu Islands," 1925, pp. 141-143.

38. *Nettapus coromandelianus coromandelianus* (Gmelin).

2 ♂ ♂, Nanking, vi. 1929. Wing 151.5 (no. 12271), 160 (no. 12270).

No. 12271 has nearly without green metallic colour to the wing-coverts and without white patch on primaries. Tips of secondaries with white (♂ in second year?).

Fam. COLUMBIDAE.

39. *Oenopopelia tranquebarica humilis* (Temminck).

1 ♂ ad., Shanghai, v. 1929.

Fam. CHARADRIIDAE.

40. *Charadrius leschenaultii leschenaultii* Lesson.

1 ♂ ad. in breeding plumage, Woosung, Kiangsu, iv.

1929.

41. *Eupoda asiatica veredus* (Could).
1 ad. (hiem.), Woosung, v. 1929.
42. *Pluvialis apricarius fulvus* (Gmelin).
1 ad. (aest.), Woosung, v. 1929.
43. *Microsarcops cinereus* (Blyth).
2 ads., Woosung, ii. 1929.
44. *Pelidna alpina sakhalina* (Vieillot).
1 ♂ (hiem.-aest.), Woosung, iv. 1929.
45. *Calidris canutus rogersi* (Mathews).
1 ad. (aest.), Woosung; v. 1929.
46. *Calidris tenuirostris* (Horsfield).
2 ads. (aest.), Woosung, v. 1929.
47. *Eurynorhynchus pygmaeus* (Linnaeus.)
3 ads. (hiem. & hiem.-aest.), Woosung, v. 1929.
48. *Pseudoglossitis guttifer* (Nordmann).
1 ad. (aest.), Woosung, v. 1929. Wing 172, tail 66.5,
tarsus 44.5, middle toe & claw 34, exposed culmen 53.5
mm.
49. *Tringa totanus eurhinus* (Oberholser).
Syn. *terrignotae* Col. & Mrs. Meinertzhagen (1926).
1 ad. (aest.), Woosung, v. 1929. Wing 159.5 mm.
50. *Tringa ochropus* Linnaeus.
1 ad., Woosung, v. 1929.
51. *Rhyacophilus glareolus* (Gmelin).
1 ad., Woosung, v. 1929.
52. *Mesoscolopax minutus* (Gould).
4 ads., Woosung, end of April, 1929.

Fam. PARRIDAE.

53. *Hydrophasianus chirurgus* (Scopoli).
2 ads., Woosung, vi. 1929.

Fam. RALLIDAE.

54. *Porzana pusilla pusilla* (Pallas).

1 ♀ ? (ad.), Woosung, v. 1929.

Fam. PHASIANIDAE.

55. *Coturnix coturnix japonica* Temminck & Schlegel.

1 ♂ ad., Shanghai, iii. 1929. Wing 93 mm.