CONTRIBUTIONS TO THE ORNITHOLOGY
OF
SOUTH CHINA
PART I.

By

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During May and June 1940 I had the opportunity of travelling to South China including the island of Hainan. Although my time was greatly taken up by official duties, I was fortunate enough to observe the bird life of the country and to inspect collections of birds at several institutions.

The following first two lists have been prepared in Canton, and the third in the Nanning Museum. The avifauna of Southeastern China is now well known, the only reference given, is by La Touche in his "Handb. of the Birds of E. China". The birds of Kwangsi Province, and other parts of Southwestern China, are much less known than any other region of the country; many Indo-Burmese species unknown in Eastern Provinces are here represented; fuller reference and many remarks have been added in the third list.

THE BIRD SPECIMENS EXAMINED IN CANTON

In the city of Canton I was able to ascertain four public institutions where specimens of birds have been preserved. The best and the internationally known is the Sun Yat Sen University, embracing a spacious campus and several picturesque Chinese-styled concrete buildings, which is now occupied by the Japanese Army. This place was, until the beginning of the conflict, the headquarters of Mr. K.Y. Yen, my good personal friend who to my knowledge is the only Chinese ornithologist educated in Europe.

Since Mr. Yen's return to his native land he has discovered several interesting new birds including *Alcippe delacouri*, etc. He must have had good number of study-skins in order to write his contributions, but it was much to my disappointment when I discovered that there no Mr. Yen or a single skin to be found in the building.

Under the name of science I wish Yen good health and continued work somewhere in China. We shall look forward to the day, before long, when he will show us again his proud discoveries on Chinese avifauna. His command of the French language is like that of a native-born Frenchman, consequently may of his articles have been published in that language.

There are two universities in Canton. The first is the Sun Yat Sen University just mentioned, and the second is the Lingnan University founded by the American captial and is still maintained by American instructors. The Natural History department of the latter university is now kept by Prof. J. L. Gressitt who kindly showed me the entire collection. Mr. Gressitt was born in Japan and educated at the University of California so his knowledge of Japanese and Chinese, as well as his native tongue, is of tremendous advantage in his studies and teaching in Canton. His name in Chinese is 喜理思. His special work is entomology but he has recently published a useful bird article viz. "A Winter census of Lingnan Birds", in the Lingnan Science Journal. The finest achievement in natural history of the Lingnan University is that they have sent botanical expeditions to Hainan and have enormous material of dried plants. The entire duplicate is now acquired by Prof. Toyozaburo Tanaka of Taihoku Imperial University. During these expeditions a few birds have been collected. It has much to my surprise and delight to find a fine male of Whitehead's Silver Pheasant, one of the beautiful and rare birds of Hainan. Within my limited time, I have listed all the local (Kwangtung & Fukien) bird-skins kept in the collection which is here published.

Situated in the city of Canton there existed two small museums

of more popular purpose. One may be called an educational museum and the other the science museum. Some hundred of mounted birds which belonged to these museums are now preserved in the spacious building of the Japanese consulate general. I have also decided to catalogue and publish them here.

COLLECTION OF BIRD SKINS PRESERVED AT THE
JAPANESE CONSULATE IN CANTON FORMERLY
EXHIBITED AT THE EDUCATIONAL
MUSEUM 民象教育館 AND THE
SCIENCE MUSEUM
知用科學館

CORVIDÆ

Corvus torquatus Less.

La Touche 5

Pica pica sericea Gould.

La Touche 8

TIMALIIDÆ

Dryonastes perspicillatus perspicillatus (Gm.)

La Touche 57

Dryonastes sannio sannio (Sw.)

La Touche 58

Dryonastes chinensis chinensis (Scop.)

La Touche 59

Trochalopteron canorum canorum (L.)

La Touche 65

Pomatorhinus ruficollis stridulus Sw.

La Touche 68

Alcippe nipalensis hueti A. David.

La Touche 75

Liothrix lutea kwangtungensis Stres.

La Touche 82

PYCNONOPIDÆ

Microscelis leucocephalus (Gm.)

La Touche 87

Iole macclelandi holti (Sw.)

La Touche 88

Hemixus castanonotis canipennis Seeb.

La Touche 89

Molpastes hæmorrhous chrysorrhoides (Lafresn.).

La Touche 90

Pycnonotus sinensis sinensis (Gm.).

La Touche 91

Pycnontus aurigaster andersoni (Sw.).

La Touche 93

Spizixos semitorques semitorques Sw.

La Touche 95

TURDIDÆ

Henicurus schistaceus leucoschistus Sw.

La Touche 129

Phœnicurus aureus aureus (Pall.).

La Touche 133

Rhyacornis fuliginosa fuliginosa (Vigors).

La Touche 137

Copsychus saularis prosthopellus Oberh.

La Touche 142

Saxicola torquata stejnegeri (Parrot).

La Touche 144

LANIIDÆ

Lanius schach schach L.

La Touche 171

DICRURIDÆ

Chibia hottentotta brevirostris Cab. & H.

La Touche 194

ORIOOLIDÆ

Oriolus chinensis diffusus Sharpe

La Touche 253

STURNIDÆ

Sturnia sinensis (Gm.).

La Touche 261

Æthiopsar cristatellus cristatellus (L.).

La Touche 264

FRINGILLIDÆ

Chloris sinica sinica (L.).

La Touche 286

Passer montanus saturatus Stej.

La Touche 290

Passer rutilans rutilans Temm.

La Touche 291

Embeiza fucata kuatunensis La T.

La Touche 304

Emberiza aureola Pall.

La Touche 323

ASIONIDÆ

Glaucidium cuculoides whitleyi (Blyth).

La Touche 458

COLUMBIDÆ

Streptopelia chinensis chinensis (Scop.).

La Touche 518

Streptopelia orientalis orientalis (Lath.).

La Touche 520

PHASIANIDÆ

Phasianus colchicus torquatus Gm.

La Touche 528

Gennæus nycthemerus (L.).

La Touche 535

Bambusicola thoracica thoracica (Temm.).

La Touche 538

Coturnix coturnix japonica T. & S.

La Touche 540

Francolinus pintadeanus pintadeanus (Scop.).

La Touche 543

RALLIDÆ

Amaurornis phoenicura chinensis (Bodd.).

La Touche 559

SCOLOPACIDÆ

Tringa ochropus L.

La Touche 628

Capella gallinago gallinago (L.).

La Touche 654

COLLECTION OF BIRD SKINS AT
LINGNAN UNIVERSITY

CORVIDÆ

Corvus coronoides hassi Reich.

La Touche 2

Corvus torquatus Less.

La Touche 5

Colœus dauuricus dauuricus Pall.

La Touche 7

Pica pica sericea Gould.

La Touche 8

Urocissa erythrorhycha erythrorhyncha Bodd.

La Touche 11

Dendrocitta formosæ sinica Stres.

La Touche 13

Garrulus glandarins sinensis Sw.

La Touche 15

PARIDÆ

Parus major commixtus Sw.

La Touche 21

Ægithaliscus concinnus concinnus (Gould).

La Touche 31

TIMALIIDÆ

Dryonastes perspicillatus perspicillatus (Gm.).

La Touche 57

Garrulax pectoralis picticollis Sw.

La Touche 62

Trochalopteron canorum canorum (L.).

La Touche 65

Pomatorhinus ruficollis stridulus Sw.

La Touche 68

Pomatorhinus swinhoi A. David.

La Touche 70

Alcippe nipalensis huetti A. David.

La Touche 75

Liothrix lutea kwangtungensis Stres.

La Touche 82

PYCNONOTIDÆ

Chloropsis hardwickii melliana Stres.

La Touche 85

Microscelis leucocephalus (Gm.).

La Touche 87

Two specimens were examined, one with entirely white head and throat whereas the other has only white near the mandible.

Hemixus castanonotus cannipenis Seeb.

La Touche 89

Iole macclellandi holtei (Sw.).

La Touche 88

Molpastes hæmorrhous chrysorrhoides (Lafresn.).

La Touche 90

Pycnonotus sinensis sinensis (Gm.).

La Touche 91

There is a smaller race named by La Touches a *stresemanni* inhabiting in mountains. I was unable to measure the specimens so placed them as typical *sinensis*.

Otocompsa emeria jocosa (L.).

La Touche 94

Spizixos semitorques semitorques Sw.

La Touche 94

TURDIDÆ

Turdus merula mandarinus (Bp.).

La Touche 98

Turdus hortulorum Selater.

La Touche 102

Turdus cardis lateus Thayer & Bangs.

La Touche 104

Turdus naumanni eunomus Temm.

La Touche 106

Henicurus schistaceus leucoschistus Sw.

La Touche 129

Phœnicurus aureus aureus (Pall.).

La Touche 129

Rhyacornis fuliginosa fuliginosa (Vigors).

La Touche 137

Ianthia cyanura (Pallas).

La Touche 141

Copsychus saularis prosthopellus Oberh.

La Touche 142

Saxicola torquata stejnegeri (Parrot).

La Touche 144

MUSCICAPIDÆ

Alseonax latirostris poonensis (Sykes).

La Touche 146

Xanthopygia narcissina narcissina Temm.

La Touche 154

Cyanoptila cyanomelana cyanomelana (Temm.)

La Touche 157

Terpsiphone incei (Gould).

La Touche 166

LANIIDÆ

Lanius schach schach L.

La Touche 171

PERICROCOTIDÆ

Pericrocotus brevirostris ethologus Bangs & Phillips.

La Touche 181

Lalage melaschista avensis (Blyth).

La Touche 188

DICRURIDÆ

Dicrurus macrocercus cathoecus Sw.

La Touche 191

Dicrurus leucogenys cerussatus (Bangs & Phillips).

La Touche 193

Chibia hottentotta brevirostris Cab. & H.

La Touche 194

SYLVIIDÆ

Orthotomus sutorius longicauda (Gm.).

La Touche 214

ORIOOLIDÆ

Oriolus chinensis diffusus Sharpe.

La Touche 253

STURNIDÆ

Spodiopsar cineraceus (Temm.).

La Touche 257

Spodiopsar sericeus (Gm.).

La Touche 258

Sturnia sinensis (Gm.).

La Touche 261

Gracupica nigricollis (Paykull).

La Touche 263

Æhiopsar cristatellus cristatellus (L.).

La Touche 264

PLOCEIDÆ

Uroloncha punctulata topela Sw.

La Touche 267

FRINGILLIDÆ

Eophona migratoria migratoria Hart.

La Touche 271

Chloris sinica sinica (L.).

La Touche 286

Passer montanus saturatus Stej.

La Touche 290

Passer rutilans rutilans Temm.

La Touche 291

Emberiza pusilla Pall.

La Touche 305

Emberiza chrysophrys Pall.

La Touche 307

Emberiza spodocephala spodocephala Pall.

La Touche 315

Emberiza rutila Pall.

La Touche 322

Emberiza aureola Pall.

La Touche 323

Melophus melanicterus (Gm.).

La Touche 324

HIRUNDINIDÆ

Riparia riparia ijimæ (Lönnberg).

La Touche 330

Hirundo rustica tytleri Jerd.

La Touche 334

Hirundo daurica daurica L.

La Touche 335

MOTACILLIDÆ

Motacilla lugubris leucopsis Gould.

La Touche 342

Motacilla cinerea caspica (Gm.).

La Touche 343

Motacilla flava thumbergii Billberg.

La Touche 345

Anthus cervinus (Pall.).

La Touche 354

Anthus richardi richardi Vieill.

La Touche 356

I shall place the present bird as a commonest race of the three known from China.

ALAUDIDÆ

Alauda arvensis coelivox Sw.

La Touche 365

ZOSTEROPIDÆ

Zosterops simplex simplex Sw.

La Touche 370

NECTARINIIDÆ

Æthopyga christinæ latouchii Slater.

La Touche 372

PICIDÆ

Picus caninus ricketti S. Baker.

La Touche 382

Dryobates cabanisi mandarinus (Math.).

La Touche 389

Yungipicus scintilliceps kurodai La Touche.

La Touche 393

Iynx torquilla japonica Bp.

La Touche 399

CAPITONIDÆ

Megalaima virens virens (Bodd.).

La Touche 400

CUCULIDÆ

Cuculus canorus telephonus Heine.

La Touche 402

Cuculus optatus optatus Gould.

La Touche 404

Cuculus micropterus micropterus Gould.

La Touche 407

Hierococcyx sparveroides (Vigors).

La Touche 408

Cacomantis merulinus querulus Heine.

La Touche 410

Clamator coromandus (L.).

La Touche 412

Eudynamis scolopaceus chinensis Cab. & Heine.

La Touche 413

Centropus sinensis sinensis Stephens.

La Touche 414

Centropus bengalensis bengalensis (Gm.).

La Touche 415

CORACIIDÆ

Eurystomus orientalis calonyx Sharpe.

La Touche 419

ALCEDINIDÆ

Ceryle rudis insignis Hart.

La Touche 423

Alcedo atthis bengalensis Gm.

La Touche 425

Halcyon smyrnensis fusca (Bodd.).

La Touche 426

Halcyon pileata pileata (Bodd.).

La Touche 427

MICROPODIDÆ

Micropus affinis subfurcatus (Blyth).

La Touche 434

CAPRIMULGIDÆ

Caprimulgus indicus jotaka T. & S.

La Touche 437

Caprimulgus monticolla amoyensis S. Baker.

La Touche 438

TYTONIDÆ

Tyto longimembris chinensis Hart.

La Touche 439

ASIONIDÆ

Asio flammeus flammeus (Pontopp.).

La Touche 441

Otus bakkamoena glabripes (Sw.).

La Touche 451

Otus scops japonicus Temm. & Sch.

La Touche 454

FALCONIDÆ

Falco columbarius insignis (Clark).

La Touche 470

Falco tinnunculus saturatus (Blyth).

La Touche 476

North China has two races and the present race is the only South Chinese resident.

Microhierax melanoleucus chinensis A. David.

La Touche 472

Milvus migrans lineatus (Gray).

La Touche 492

Circus cyaneus cyaneus (L.).

La Touche 497

Circus melanoleucus (Florst.).

La Touche 498

Circus aeruginosus aeruginosus (L.)

La Touche 500

Buteo buteo burmanicus Oates.

La Touche 501

Accipiter gularis nisoides Blyth.

La Touche 509

The three sparrow-hawks are recorded from China. One is a typical Japanese bird, *gularis* which comes down to the lower Yangtse Valley. The second is a north Chinese bird *stevensoni* wintering, according to Swinhoe as far south as Canton. The third is a resident of South Chinese bird *nisoides* recorded from Fukien and Kwangtung. It is likely that the specimen I examined belongs to this race.

COLUMBIDÆ

Streptopelia chinensis chinensis (Scop.)

La Touche 518

Streptopelia orientalis orientalis (Lath.).

La Touche 520

Streptopelia decaocto xanthocyela (Newman).

La Touche 522

Cenopelia tranquebarica humilis (Temm.).

La Touche 523

PHASIANIDÆ

Phasianus colchicus torquatus Gm.

La Touche 528

Excalfactoria chinensis chinensis (L.).

La Touche 539

Coturnix coturnix japonica T. & S.

La Touche 540

Arborophila gingica (Gm.).

La Touche 541

Rickett's Hill Partridge.

I was fortunate enough to examine this beautiful and rare Mill Partridge. The specimen in Lingnan University is much paler throughout the body. The white portion above the bill is very large, breast light blue when compared with the two Nanning specimens.

Francolinus pintadarius pintadarius (Scop.).

La Touche 543

TURNICIDÆ

Turnix sylvatica mikado Hachisuka.

La Touche 549

RALLIDÆ

Rallus quaticus indicus Blyth.

La Touche 552

Porzana pusilla pusilla (Pall.)

La Touche 555

Porzana fusca erythrothorax (T. & S.)

La Touche 556

Amaurornis phoenicura chinensis (Bodd).

La Touche 559

Callinula chloropus indicus Blyth.

La Touche 560

Gallicrex cinerea (Gm.).

La Touche 561

Fulica atra atra L.

La Touche 563

JACANIDÆ

Hydrophasianus chirurgus (Scop.).

La Touche 564

ROSTRATULIDÆ

Rostratula benghalensis benghalensis (L.)

La Touche 565

GLAREOLIDÆ

Glareola maldivarum maldivarum Forst.

La Touche 573

STERNIDÆ

Chlidonias leucoptera leucoptera (Temm.).

La Touche 587

CHARADRIIDÆ

Eupodella vereda (Gould).

La Touche 605

Pluvialis dominicus fulvus (Gm.).

La Touche 613

Vanellus vanellus (L.).

La Touche 614

Tringa hypoleucos L.

La Touche 627

Scolopax rusticola rusticola L.

La Touche 650

Capella galliango gallinago (L.)

La Touche 654

ARDEIDÆ

- Ardea cinerea rectirostris* (Gould).
 La Touche 681
- Ardeola bacchus* Bp.
 La Touche 689
- Butorides striatus javanicus* (Horsfield).
 La Touche 691
- Nycticorax nycticorax nycticorax* (L.).
 La Touche 692
- Ixobrychus sinensis sinensis* (Gm.)
 La Touche 695
- Ixobrychus cinnamomeus* (S.w.)
 La Touche 696
- Dupetor flavicollis flavicollis* (Lath.).
 La Touche 698
- Botaurus stellaris stellaris* (L.)
 La Touche 699

ANATIDÆ

- Aix galericulata* (L.)
 La Touche 605
- Nettion crecca crecca* (L.).
 La Touche 723
- Quarquedula quarquedula* (L.).
 La Touche 725
- Dafila acuta acuta* (L.).
 La Touche 726
- Nyroca ferina ferina* (L.).
 La Touche 730

PODICEPIDÆ

- Podiceps ruficollis poggei* (Reichenow).
 La Touche 747

(To be continued)