K-QL
691
P5M3

UC-NRLF

B 3 336 490

ORRITNOL. 3.

No. 36.—JANUARY, 1906

DEPARTMENT OF THE INTERIOR
BUREAU OF GOVERNMENT LABORATORIES

A HAND-LIST OF THE BIRDS OF THE PHILIPPINE ISLANDS

BY

RICHARD C. MCGREGOR

AND

DEAN C. WORCESTER

MANILA
BUREAU OF PRINTING
1906

35916

THE LIBRARY
OF
THE UNIVERSITY
OF CALIFORNIA

PRESENTED BY
PROF. CHARLES A. KOFOID AND
MRS. PRUDENCE W. KOFOID

ERRATA.

- Page 4. In line 14 for *loriculus* read *Loriculus*.
Page 13. For **STREPOPELIA** read **STREPTOPELIA**.
Page 14. In line 4 for *humulis* read *humilis*.
Page 67. In lines 24 and 35 of footnote for Clark read Clarke.
Page 67. In last line of footnote for this read the former.
Page 101. For **LIMONDROMUS** read **LIMONIDROMUS**.

No. 36.—JANUARY, 1906

DEPARTMENT OF THE INTERIOR
BUREAU OF GOVERNMENT LABORATORIES

A HAND-LIST OF THE BIRDS OF THE PHILIPPINE ISLANDS

BY

RICHARD C. MCGREGOR

AND

DEAN C. WORCESTER

MANILA
BUREAU OF PRINTING
1906

P5M3
Biology
Library

INTRODUCTION

The appearance of the first volume of Dr. R. B. Sharpe's admirable "Hand-List of Birds" suggested to me the desirability of preparing a list, similar in form, of the birds of the Philippine Islands. The need of such a list was especially great in view of the fact that among the Americans scattered through every province of the Philippine Archipelago there were a number of members of the American Ornithologists's Union who were attempting to take up the study of Philippine birds, as well as numerous amateur ornithologists, whose attention was attracted by the unusual opportunities for ornithological work and who desired to identify the birds to be found in the vicinity of their several stations.

While the necessary literature for the identification of the known species of Philippine birds is on file in the general scientific library of the Bureau of Government Laboratories, its use by persons unfamiliar with Philippine ornithology is naturally attended with some practical difficulties. It therefore seemed to me highly desirable that there should be prepared a hand-list giving references to descriptions of all species known to inhabit the Philippines and stating accurately the known distribution of each species within the Archipelago. I began work upon such a list four years ago, but manifold official duties prevented rapid progress.

When the services of Mr. Richard C. McGregor were secured as collector of natural-history specimens this work, which had then been little more than begun, was turned over to him, as was an unpublished manuscript prepared by Dr. Frank S. Bourns and myself, from which it was hoped that he would be able to derive information of value. It is only fair to Mr. McGregor to say that from that time until August 15, 1905, on which date he left for a well-earned rest in the United States, most of the work upon the Hand-List was performed by him. My own subsequent connection with it has been confined to consultation with him on doubtful points and to the final editing of the manuscript. As some of the footnotes were written by Mr. McGregor prior to his departure and others which he has had no opportunity to see have been subsequently written by me, I have deemed it desirable to give, in each instance, the authorship of the footnotes.

It has been our purpose to include all species which are known to

inhabit the geographical area known as the Philippine Islands, as fixed by the treaty of Paris and the supplementary purchase of islands by the United States Government. The species of the Palawan Islands (Balabac, Palawan, Calamianes, and Cuyos groups) have accordingly been included.

The Distribution List of Philippine Birds prepared by Dr. Frank S. Bourns and myself (Proceedings of the United States National Museum, Vol. XX, pp. 549-566, 1898) enumerated 243 genera and 596 species for this same area. The work of Mr. John Whitehead, Dr. Edgar A. Mearns, Mr. Walter Goodfellow, Mr. John Waterstradt, and of Mr. McGregor and his Filipino assistants, together with such fragmentary work as I myself have been able to carry on in connection with official trips through the Islands, has raised this total to 284 genera, 691 identified species, and two species (*Oceanodroma* sp. and *loriculus* sp.) not identified. Some knowledge has been gained of the avifauna of the Islands of Ticao, Lubang, Cagayancillo, Agutaya, Calayan, Cresta de Gallo, Maestro de Campo, Semirara, East Balud, West Balud, and Sibay, the birds of which were heretofore entirely unknown.

The highlands of Mindanao have yielded a number of most interesting new genera and species, and additional knowledge has been gained relative to the birds of Luzon, Mindoro, Masbate, Negros, Samar, Cuyo, Culion, Cagayan-Sulu, Fuga, Romblon, and Sibuyan.

From the information now available we may deduce the following conclusions relative to the zoölogical relationships of these several islands:

Ticao belongs with the central group (Panay, Guimaras, Negros, and Masbate) rather than with Luzon.

Lubang must be considered a detached fragment of Luzon, as it has a number of characteristic Luzon species and entirely lacks those which are especially characteristic of Mindoro. One species (*Aethopyga rubrinota* McGregor) is, so far as we at present know, confined to this island.

On Cagayancillo is found *Cinnyris aurora*, but no other of the characteristic Palawan forms are known to exist there, while the occurrence of such species as *Centropus viridis*, *Hypotaenidia torquata*, *Rallina euryzonoides*, *Limnoblecanus fuscus*, and *Hierococcyx fugax*, and the conspicuous absence of many of the species which are most common on the neighboring islands, lead to the conclusion that Cagayancillo is an oceanic island of recent formation and that its bird population is composed of the descendants of stragglers, most of which have probably come in from Negros or Mindanao, although *C. aurora* is evidently a wanderer from Cuyo or Palawan.

Agutaya belongs to the Palawan group.

Calayan has a strong Formosan element. Probably it will ultimately prove that the Batanes and Babuyan Islands form a group by themselves.

Semirara belongs with Mindoro.

The islands may therefore be divided into zoologically distinct groups as follows:

(1) The Palawan group, consisting of Palawan and the small islands adjacent to it, Balabac, Cagayan Sulu, and the Cuyos and Calamianes Islands. The birds of this group show a very strong Bornean element. The line of demarcation between the Philippines, zoologically speaking, and the Palawan Islands passes between Sibutu and the coast of Borneo and extends thence northward through the Sulu Sea east of the Cuyos group and through Mindoro Strait.

(2) The central Philippines, comprising the Islands of Negros, Panay, Guimaras, Masbate, and Ticao. They form a well-defined natural group, although in the case of Masbate and Ticao there are indications of immigration from Luzon.

(3) Mindoro and some of the islands immediately adjacent to it, including Semerara and doubtless also Ylin.

(4) Luzon, Catanduanes, Marinduque, and Lubang.

(5) Samar, Leyte, and Bohol. The *Loriculus* on Bohol proves to be *Loriculus worcesteri* and not *Loriculus apicalis*, while the presence of *Orthotomus frontalis* and *Phabotrerom brevirostris* among birds and of *Galeopithecus philippinensis* and *Tarsius spectrum* among mammals points unequivocally to the closest zoological relationship between Bohol and Leyte.

(6) Mindanao and the islands immediately adjacent to it form a group by themselves.

(7) Basilan must be separated from Mindanao on account of the fact that it has a number of representative forms of Mindanao species and lacks a number of species characteristic of Mindanao.

(8) Bongao, Tawi Tawi, Lapac, Siasi, and Sulu form a well-marked natural group, to which Sibutu must probably be added.

(9) Tablas, Romblon, and Sibuyan show no evidence of having been connected with any of the neighboring larger islands. They have a number of peculiar species of birds, and Tablas and Romblon should probably be classed together.

(10) Cebu can not be regarded as one of the central Philippine group, but must be classed by itself.

(11) The Batanes Islands have a strong Formosan element among their birds. It remains to be seen whether the Babuyan Islands must be grouped with them or must be considered as detached fragments of northern Luzon.

(12) Siquijor, Cagayancillo, and Cresta de Gallo are islands of recent origin, and their bird faunæ have been derived from stragglers from neighboring islands.

While these several groups are by no means zoologically equivalent, each has its highly characteristic species and forms a fairly natural division.

In preparing the Hand-List no species has been recorded definitely from any island except upon authority believed to be unimpeachable. Where doubt exists as to the occurrence of a given species on any island the fact is indicated by an interrogation point placed after the name of such island. Several species for which no specific habitat within the Archipelago can be assigned have been included, upon the authority of the "Hand-List of Birds," in the belief that so eminent an authority as Dr. Sharpe would not have recorded them as occurring in the Philippines without sufficient evidence. On the other hand, a number of the Philippine species included in Sharpe's Hand-List have been excluded for reasons stated at the proper places in the text.

To and including the Family *Certhiidae* the sequence of families is that of Sharpe's Hand-List, Volumes I to IV; for the succeeding families we have followed the scheme proposed by Dr. R. V. Shufeldt in the American Naturalist, XXXVIII, pages 856-857. Thanks are due to Dr. Charles W. Richmond for suggested corrections in the nomenclature of various genera and species. Dr. Edgar A. Mearns has kindly furnished a MS. list of new localities for a number of species based upon his collections from Mindanao and neighboring islands.

The work of the collectors regularly employed by the Insular Government, as well as that of residents of the Islands and of collectors representing scientific institutions of other countries, will doubtless make frequent additions and corrections necessary if this Hand-List is to be kept up to date. Supplemental pages containing addenda will be published from time to time until sufficient matter has been accumulated to justify the revision of the entire list.

It is hoped that students of Philippine ornithology will aid us, not only by calling attention to any errors which they may note in this list but by communicating authentic facts relative to the occurrence in the Philippines of species not included in it, and to the recording from any new islands in the Archipelago of species already known to inhabit the Philippines. Due credit will be given to all persons furnishing such information.

Attention is invited to the fact that the ornithological books and papers in the general scientific library of the Bureau of Government Laboratories¹ and the bird collection of some 6,000 carefully identified specimens may be used, under reasonable restrictions, by any properly accredited person.

DEAN C. WORCESTER.

MANILA, P. I., September 9, 1905.

¹The Bureau of Government Laboratories, after November 1, 1905, will be known as the Bureau of Science.

Class AVES.

Subclass CARINATÆ.

Order GALLIFORMES.

Suborder MEGAPODII.

Family MEGAPODIIDÆ.

MEGAPODIUS Q. & G.

(Grant, Cat. Bds., XXII, p. 446.
1893.)

cumingi Dillw. (p. 449.)

Celebean Islands
Islands of northwestern Borneo

Balabac	Mindoro
Basilan	Palawan
Cagayanello	Romblon
Calayan	Samar
Cebu	Sibutu
Cresta de Gallo	Sibuyan
Fuga	Sulu
Luzon	Tablas
Marinduque	Tawi Tawi
Mindanao	Ticao

Suborder PHASIANI.

Family PHASIANIDÆ.

EXCALFACTORIA Bp.

(Grant, Cat. Bds., XXII, p. 249,
1893.)

lineata (Scop.). (p. 253.)

Borneo
Sumatra

Java
Australia

Calamianes	Negros
Cebu	Palawan
Lubang	Panay
Luzon	Samar
Masbate	Sibuyan
Mindanao	Sulu
Mindoro	Ticao

GALLUS *Briss.*

(Grant, Cat. Bds., XXII, p. 343,
1893.)

gallus (*Linn.*). (p. 344.)

Malay Peninsula
Indian Peninsula
Indo-Malayan Islands
Indo-Chinese countries

Balabac	Mindanao
Basilan	Mindoro
Bongao	Negros
Calamianes	Palawan
Calayan	Panay
Cebu	Romblon
Fuga	Samar
Guimaras	Sibuyan
Lubang	Siquijor
Luzon	Sulu
Marinduque	Tablas
Masbate	Ticao

POLYPECTRON *Temm.*

(Grant, Cat. Bds., XXII, p. 353,
1893.)

napoleonis *Less.* (p. 361.)
[*nehrkornæ* Blasius.]

Palawan

Order HEMIPODII.

Family TURNICIDÆ.

TURNIX *Bonn.*

(Grant, Cat. Bds., XXII, p. 526,
1893.)

fasciata (*Temm.*). (p. 535.)

Calamianes	Negros
Cebu	Palawan
Luzon	Panay
Masbate	Sibuyan
Mindoro	

ocellata (*Scop.*). (p. 548.)

Luzon

whiteheadi *Grant*, Hand-Book Game Birds, Luzon
II, p. 276 (1896).

worcesteri *McGregor*, Bull. Phil. Mus., No. 4, Luzon
p. 8 (1904).

suluensis *Mearns*, Proc. Biol. Soc. Wash., Sulu
XVIII, p. 83 (1905).

Order COLUMBIFORMES.

Suborder COLUMBÆ.

Family TRERONIDÆ.

Subfamily TRERONINÆ.

SPHENOCERCUS *Gray.*(Salvadori, Cat. Bds., XXI, p. 4,
1893.)*formosæ* (*Swinh.*). (p. 13.)

Mountains of Formosa

Calayan

TRERON *Vieill.*(Salvadori, Cat. Bds., XXI, p. 33,
1893.)*nipalensis* (*Hodgs.*). (p. 34.)Nepal to Burma
Malay Peninsula
Eastern Bengal Sumatra
Siam Borneo
Tenasserim Cochin China

Mindoro

Palawan

OSMOTRERON *Bp.*(Salvadori, Cat. Bds., XXI, p. 38,
1893.)*axillaris* (*Bp.*). (p. 48.)Basilan Negros
Catanduanes Panay
Cebu Romblon
Dinagat Samar
Gulmaras Semirara
Lubang Siquijor
Luzon Tawi Tawi
Masbate Ticao
Mindanao Verde
Mindoro*everetti* *Rothschild*, Nov. Zool., I, p. 41
(1894).Bongao Sulu
Sibutu*vernans* (*Linn.*). (p. 60.)Celebes
Malay Peninsula
Indo-Malayan Islands
Indo-Chinese provincesBasilan Mindoro
Bohol Negros
Bongao Palawan
Calamianes Panay
Cebu Siasi
Guimaras Sibutu
Luzon Siquijor
Masbate Sulu
Mindanao

PHAPITRERON Bp.

(Salvadori, Cat. Bds., XXI, p. 66,
1893.)

amethystina Bp. (p. 66.)	Dinagat Leyte Luzon	Mindanao Panaon Samar
cinereiceps Bourns & Worcester , Occ. Papers Minnesota Acad., I, No. 1, p. 8 (1894).	Tawi Tawi	
brunneiceps Bourns & Worcester , <i>t. c.</i> , p. 9.	Basilan	
frontalis Bourns & Worcester , <i>t. c.</i> , p. 10.	Cebu	
maculipectus Bourns & Worcester , <i>t. c.</i> , p. 10.	Negros	
leucotis (Temm.) . (p. 67.)	Catanduanes Lubang	Luzon Mindoro
occipitalis Salvad. (p. 68.)	Basilan	
nigrorum Sharpe . (p. 68.)	Cebu Guimaras Masbate Negros	Panay Sibuyan Tablas Ticao
brevirostris Tweed. (p. 69.)	Bohol Dinagat Leyte Mindanao	Samar Siquijor Sulu

Subfamily **PTILOPODINÆ**.**LEUCOTRERON Bp.**

(Salvadori, Cat. Bds., XXI, p. 71,
1893.)

occipitalis Bp. (p. 72.)	Basilan Cebu Leyte Luzon Mindanao	Mindoro Negros Samar Sibuyan
marchei (Oust.) . (p. 75.)	Luzon	
leclancheri (Bp.) . (p. 79.)	Cagayancillo Calamianes Calayan Catanduanes Cebu Guimaras Lubang Luzon	Mindoro Negros Palawan Romblon Samar Semirara Sibuyan Tablas

LAMPROTRERON *Bp.*(Salvadori, Cat. Bds., XXI, p. 112,
1893.)**temmincki** (*Des Murs & Prév.*). (p. 115.) Celebes
Sulu**SPILOTRERON** *Salvad.*(Salvadori, Cat. Bds., XXI, p. 141,
1893.)**bangueyensis** (*A. B. Meyer*). (p. 143.) Banguey
Basilan Palawan
Bongao Sibutu
Cagayan Sulu Sulu
Mindanao Tawi TawiSubfamily **CARPOPHAGINÆ.****MUSCADIVORA** *Schlegel.*(*Carpophaga* Selby; Salvadori, Cat.
Bds., XX, p. 181, 1893.)**nuchalis** (*Cab.*). (p. 190.) Calayan Mindanao
Fuga Mindoro
Luzon**ænea** (*Linn.*). (p. 190.) Indian Peninsula
Ceylon
Indo-Chinese countries
Malay Peninsula
Sunda Islands
Balabac Mindoro
Basilan Negros
Bongao Palawan
Calamianes Panay
Catanduanes Samar
Cebu Semirara
Dinagat Sibutu
Gulmaras Sibuyan
Leyte Siquiljor
Lubang Sulu
Luzon Tablas
Marinduque Tawi Tawi
Masbate Ticao
Mindanao Verde**pickeringi** (*Cass.*) (p. 201.) Mantanani Islands
Lawas River, northwest BorneoCagayancillo Sibutu
Cagayan Sulu Sulu**langhornei** *Mearns*, Proc. Biol. Soc. Wash.,
XVIII, p. 84 (1905). East Bolod
West Bolod

PTILOCOLPA Bp.

(Salvadori, Cat. Bds., XXI, p. 205,
1893.)

carola Bp. (p. 206.)

[*griseipectus* Bp. = ♂ ; Cf. Grant, Ibis,
1895, p. 117; also Whitehead, Ibis,
1899, p. 489.]

Luzon
Mindoro
Mindanao
Sibuyan

nigrorum Whitehead, Bull. B. O. C., VI, p.
34 (1897). Negros

ZONOPHAPS Salvad.

(Salvadori, Cat. Bds., XXI, p. 207,
1893.)

poliocephala (Hartl.). (p. 209)

Basilan	Mindoro
Cebu	Negros
Dinagat	Panay
Leyte	Samar
Luzon	Sibuyan
Masbate	Tawi Tawi
Mindanao	

mindorensis (Whitehead), Ann. & Mag. Nat.
Hist., (6) p. 189 (1896). Fig., Grant,
Ibis, 1896, pl. xi. Mindoro

MYRISTICIVORA Reichenb.

(Salvadori, Cat. Bds., XXI, p. 227,
1893.)

bicolor (Scop.). (p. 227.)

Andamans	Nicobars
Malay Peninsula	
Indo-Malayan Islands	
Moluccas	
Tenimber Islands	
Siam	Cochin China
<hr/>	
Balabac	Negros
Bohol	Nipa
Bongao	Palawan
Cresta de Gallo	Sakuijok
Guimaras	Samar
Leyte	Sibay
Malanipa	Siquijor
Marinduque	Sulu
Masbate	Tawi Tawi
Mindanao	Ticao
Mindoro	West Bolod

Family **COLUMBIDÆ**.Subfamily **COLUMBINÆ**.**COLUMBA** Linn.

(Salvadori, Cat. Bds., XXI, p. 241,
1893.)

griseigularis (Wald. & Layard). (p. 313.)

Northern Borneo

Basilan	Mindoro
Cagayan Sulu	Negros
Calayan	Romblon
Guimaras	Sibutu
Lubang	Sibuyan
Luzon	Sulu
Mindanao	West Bolod

Subfamily **MACROPYGIINÆ**.**MACROPYGIA** Swains.

(Salvadori, Cat. Bds., XXI, p. 335,
1893.)

tenuirostris Bp. (p. 346.)

Balabac	Mindoro
Basilan	Negros
Bongao	Palawan
Leyte	Romblon
Luzon	Sibutu
Marinduque	Sibuyan
Masbate	Sulu
Mindanao	Tawi Tawi

phæa McGregor, Bull. Philippine Mus., No. 4, Calayan
p. 9, 1904.

Family **PERISTERIDÆ**.Subfamily **TURTURINÆ**.**STREPOPELIA** Bp.

(Salvadori, Cat. Bds., XXI, p. 413,
1893.)

dussumieri (Temm.). (p. 423.)

Northern Borneo
Marianne Islands

Agutaya	Mindoro
Basilan	Negros
Bohol	Palawan
Cagayancillo	Panay
Calayan	Romblon
Calamianes	Samar
Catanduanes	Semirara
Cebu	Siasi
Cuyo	Sibay
Guimaras	Sibutu
Leyte	Sibuyan
Lubang	Siquijor
Luzon	Sulu
Maestro de Campo	Tablas
Marinduque	Tawi Tawi
Masbate	Ticao
Mindanao	Verde

ONOPELIA *Blanf.*

(Blanf., Faun. Brit. Ind., Birds, IV,
p. 47, 1898.)

humulis (*Temm.*). (Salvad., Cat. Bds.,
XXI, p. 434.)

Andamaus
Eastern Bengal
Indo-Chinese countries
China Japan

Calayan Luzon
Lubang Mindoro

SPILOPELIA *Sunder.*

(Salvadori, Cat. Bds., XXI, p. 439,
1893.)

tigrina (*Temm. & Knip.*). (p. 440.)

Burma
Malay Peninsula
Greater and Lesser Sunda
Islands
Celebes Moluccas

Balabac Palawan

Subfamily **GEOPELIINÆ.**

GEOPELIA *Swains.*

(Salvadori, Cat. Bds., XXI, p. 455,
1893.)

striata (*Linn.*). (p. 458.)

Siam
Southern Tenasserim
Malay Peninsula
Greater and Lesser Sunda
Islands
Celebes Ambolna

Lubang Samar
Luzon Verde
Mindoro

Subfamily **PHABINÆ.**

CHALCOPHAPS *Gould.*

(Salvadori, Cat. Bds., XXI, p. 510,
1893.)

indica (*Linn.*). (p. 514.)

Indian Peninsula
Nicobars
Indo-Chinese countries
Malay Peninsula
Sunda Islands New Guinea
Celebes Moluccas
Ceylon Andamans

Basilan Negros
Cagayancillo Palawan
Calamianes Panay
Calayan Romblon
Cebu Samar
Cuyo Sibuyan
Gulmaras Siquijor
Lubang Sulu
Luzon Tablas
Marinduque Tawi Tawi
Masbate Ticao
Mindanao Verde
Mindoro

Subfamily **GEOTRYGONINÆ**.**PHLOGENAS** *Reichenb.*(Salvadori, Cat. Bds., XXI, p. 583,
1893.)

<i>luzonica</i> (<i>Scop.</i>). (p. 585.)	Luzon	
<i>crinigera</i> (<i>Jacq. & Pucher.</i>). (p. 587.)	Basilan Leyte Mindanao	Samar Sulu? ¹
<i>keayi</i> <i>Clarke</i> , Ibis, 1900, p. 359.	Negros	
<i>menagei</i> <i>Bourns & Worcester</i> , Occ. Papers Minnesota Acad., I, No. 1, p. 10 (1894).	Tawi Tawi	
<i>platenæ</i> <i>Hartert.</i> (p. 588.)	Mindoro	

Subfamily **CALCENADINÆ**.**CALCENAS** *Gray.*(Salvadori, Cat. Bds., XXI, p. 614,
1893.)

<i>nicobarica</i> (<i>Linn.</i>). (p. 615.)	Nicobar Islands Mergul Archipelago Greater Sunda Islands Bismarck Archipelago Moluccas to New Guinea	
	Luzon Mindoro Negros Palawan	Sibutu Sulu Tawi Tawi

Order **RALLIFORMES**.Family **RALLIDÆ**.Subfamily **RALLINÆ**.**HYPOTÆNIDIA** *Reichenb.*(Sharpe, Cat. Bds., XXIII p. 32,
1894.)

<i>striata</i> (<i>Linn.</i>). (p. 33.)	Southern India Formosa Malay Peninsula Indo-Malayan Islands Burmese countries to China	Ceylon Celebes
	Calamianes Cebu Guimaras Leyte Luzon Mindanao Mindoro	Negros Panay Samar Sibuyan Siquilfor Sulu

¹ See *Pucher. & Jacq., Voy. Pôle Sud. III, Ois.*, p. 18 (1853). *P. crinigera* was not met with in Sulu by Platen or by Dr. Bourns and myself.—WORCESTER.

philippinensis (*Linn.*). (p. 39.)

Pacific Islands
Australia New Zealand
Entire Malayan Archipelago

Luzon

torquata (*Linn.*). (p. 43.)

Bongao	Mindanao
Cagayancillo	Mindoro
Catanduanes	Negros
Cebu	Panay
Dinagat	Romblon
Guimaras	Samar
Leyte	Sibuyan
Luzon	Siquijor
Marinduque	Ticao
Masbate	Verde

RALLINA *Reichenb.*

(Sharpe, Cat. Bds., XXIII, p. 74,
1894.)

fasciata (*Raffl.*). (p. 75.)

Burmese provinces
Malay Peninsula
Indo-Malayan Islands
Halmahéra Pelew Islands

Balabac Palawan

euryzonoides (*Laf.*). (p. 78.)

Cagayancillo	Mindoro
Cebu	Negros
Leyte	Panay
Luzon	Sulu
Mindanao	

PORZANA *V.*

(Sharpe, Cat. Bds., XXIII, p. 92,
1894.)

pusilla *Pall.* (*Cf.* Reichenb., J. f. O., 1898,
p. 139.)

[*intermedia* (*Herm.*). (p. 103.)]

Central Europe
East to Lake Baikal
Africa and Madagascar (*win-
ter*)

Luzon

plumbea *Gray.*

[*tabuensis*, pt. (pp. 111, 335.)]

New Hebrides Australia
New Caledonia
New Zealand
Chatham Islands
Samoa Islands Fiji Islands

Luzon

POLIOLIMNAS *Sharpe.*(Sharpe, Cat. Bds., XXIII, p. 130,
1894.)**cinereus** (*V.*). (pp. 130, 337.)

Oceania	
Malayan Peninsula	
Greater and Lesser Sunda Islands	
Buru	Australia
Basilan	Mindanao
Calayan? ¹	Mindoro
Cebu	Negros
Dinagat	Panay
Guimaras	Sibuyan
Leyte	Siquijor
Luzon	Ticao
Marinduque	

LIMNOBÆNUS *Sundev.*(Sharpe, Cat. Bds., XXIII, p. 145,
1894.)**fuscus** (*Linn.*). (p. 146.)

Indian Peninsula	
Ceylon	
Burmese countries to China and Japan	
Malay Peninsula	
Christmas Island	
Java	Borneo
Gayayancillo	Mindanao
Leyte	Mindoro
Luzon	Negros

paykulli (*Ljungb.*). (p. 149.)

China	
Malay Peninsula	
Eastern Siberia	
Java	Borneo
Basilan	

AMAURONIS *Reichenb.*(Sharpe, Cat. Bds., XXIII, p. 152,
1894.)**olivacea** (*Meyen*). (p. 153.)

Calayan	Mindoro
Cebu	Negros
Leyte	Panay
Luzon	Samar
Masbate	Siquijor
Mindanao	Ticao

¹ A rail, probably *P. cinereus*, was seen but not obtained by Mr. McGregor in Calayan.—WORCESTER.

phœnicura (*Forster*). (p. 156.)

Celebes	
Indian Peninsula	
Indo-Burmese provinces	
Malay Peninsula	
Greater and Lesser Sunda Islands	
Ceylon	China
<hr/>	
Basilan	Mindoro
Bongao	Palawan
Cagayan Sulu	Panay
Calamianes	Siquijor
Marinduque	Sulu
Mindanao	Tawi Tawi

GALLINULA *Briss.*

(Sharpe, Cat. Bds., XXIII, p. 167,
1894.)

chloropus (*Linn.*). (p. 169.)

Europe	
Asia	Africa
Madagascar	Mauritius
<hr/>	
Calayan	Mindanao
Cebu	Mindoro
Guimaras	Negros
Leyte	Panay
Luzon	Samar

GALLICREX *Blyth.*

(Sharpe, Cat. Bds., XXIII, p. 183,
1894.)

cinerea (*Lath.*). (p. 183.)

Ceylon	
Burmese provinces to China and Japan	
Malay Peninsula	
Indian Peninsula	
Greater Sunda Islands	
<hr/>	
Catanduanes	Mindoro
Cebu	Negros
Luzon	Panay
Marinduque	Sibuyan
Masbate	Sulu
Mindanao	Ticao

PORPHYRIO *Briss.*

(Sharpe, Cat. Bds., XXIII, p. 192,
1894.)

pulverulentus *Temm.* (p. 207.)

Luzon	Mindoro
Mindanao	

Subfamily **FULICINÆ**.**FULICA** *Linn.*(Sharpe, Cat. Bds., XXIII, p. 209,
1894.)*atra* *Linn.* (p. 210.)Europe
Indian Peninsula
Mediterranean countries
Northern and central Asia
China Celebes
Java Sumatra

Luzon

Order **PODICIPEDIDIFORMES**.Family **PODICIPEDIDÆ**.**PODICIPES** *Lath.*(Grant, Cat. Bds., XXVI, p. 502,
1898.)*philippinensis* (*Bonn.*). (p. 511.)Borneo
Southern China
Burmese provinces
Formosa HainanCalayan Luzon
Guimaras MindanaoOrder **PROCELLARIIFORMES**.Family **PROCELLARIIDÆ**.Subfamily **PROCELLARIINÆ**.**OCEANODROMA** *Reichenb.*(Salvin, Cat. Bds., XXV, p. 347,
1896.)*sp. McGregor*, Bull. Philippine Mus., No. 4, Luzon
p. 12 (1904).Family **PUFFINIDÆ**.Subfamily **PUFFININÆ**.**PUFFINUS** *Briss.*(Salvin, Cat. Bds., XXV, p. 368,
1896.)*leucomelas* *Temm.* (p. 370.)Japan and Korea south to Aus-
tralia

Luzon

Order LARIFORMES.

Family LARIDÆ.

Subfamily STERNINÆ.

HYDROCHELIDON *Boie.*

(Saunders, Cat. Bds., XXV, p. 5,
1891.)

leucoptera (*Meisn. & Schinz*). (p. 6.)

Africa (*winter*)
Australia New Zealand
Central and southern Europe to
central Asia and China

Mindanao

hybrida (*Pall.*). (p. 10.)

Malay Archipelago
Australia Africa
Southwestern central, and
southern Europe to China

Luzon Palawan
Mindanao Negros

STERNA *Linn.*

(Saunders, Cat. Bds., XXV, p. 40,
1896.)

fluviatilis *Naum.* (p. 54.)

Countries on both sides of At-
lantic Ocean
Indian and African coasts
(*winter*)
Brazilian coasts (*winter*)

Calayan

boreotis (*Bangs*), Bull. Mus. Comp. Zool.,
XXXVI, No. 8, 256 (1901).

Red Sea
African and Indian Oceans to
China, Japan, Australia, and
the Pacific Islands.

Agutaya	Negros
Balabac	Palawan
Bohol	Panay
Calamianes	Pata off Sulu
Cebu	Romblon
Cuyo	Samar
Guimaras	Sibuyan
Leyte	Siquijor
Luzon	Sulu
Masbate	Tablas
Mindanao	Tawi Tawi

anæstheta *Scop.* (p. 101.)

African and Indian seas to Chi-
na, Japan, Moluccas, north-
ern Australia, and Pacific
Islands.

Gulf of Mexico Western Indies

Panay

fuliginosa Gm. (p. 106.)Tropical and juxtatropical seas
of the world

Siquijor*sinensis* Gm. (p. 113.)Chinese and Indian seas to
Australia

Mindanao Palawan
Mindoro*melanauchen* Temm. (p. 126.)Tenasserim
Nicobars Andamans
Malay Peninsula
Northern Australia
Pacific Islands to Liu Kiu
Islands
Northern Mascarene Islands

Palawan Cresta de Gallo**ANOUS** Steph.(Saunders, Cat. Bds., XXV, p. 136,
1896.)*stolidus* (Linn.). (p. 136.)Tropical and juxtatropical seas
of the world

Cagayan Sulu PalawanSubfamily **LARINÆ**.**LARUS** Linn.(Saunders, Cat. Bds., XXV, p. 169,
1896.)*ridibundus* Linn. (p. 207.)Europe and northern Asia
Africa Indian Ocean
China to Malay Archipelago
(winter)

Luzon Samar
Mindanao*vegæ* Palmén. (p. 270.)Chinese coasts (winter)
Japan and Formosa (winter)
Bonin Islands (winter)
Arctic Siberia
Bering Sea

Luzon

Order CHARADRIIFORMES.

Suborder CHARADRII.

Family CHARADRIIDÆ.

Subfamily ARENARIINÆ.

ARENARIA *Briss.*

(Sharpe, Cat. Bds., XXIV, p. 91,
1896.)

interpres (*Linn.*). (p. 92.)

Cosmopolitan, breeding in high
northern latitudes

Bohol	Masbate
Cagayancillo	Mindanao
Cagayan Sulu	Negros
Lubang	Palawan
Luzon	Siquijor

Subfamily CHARADRIINÆ.

SQUATAROLA *Leach.*

(Sharpe, Cat. Bds., XXIV, p. 182,
1896.)

helvetica (*Linn.*). (p. 182.)

Subarctic regions south to Aus-
tralia, Cape, and South
America (*winter*)

Cuyo	Negros
Luzon	Palawan
Mindanao	Siquijor

CHARADRIUS *Linn.*

(Sharpe, Cat. Bds., XXIV, p. 191,
1896.)

fulvus (*Gm.*). (p. 195.)
[*dominicus* (P. L. S. Müll.).]

Subarctic regions south to Aus-
tralia
New Zealand Africa
South America (*winter*)

Balabac	Masbate
Bohol	Mindanao
Calamianes	Mindoro
Calayan	Negros
Cebu	Palawan
Cuyo	Sibay
Fuga	Sibuyan
Leyte	Siquijor
Lubang	Sulu
Luzon	Ticao

OCHTHODROMUS *Reichenb.*

(Sharpe, Cat. Bds., XXIV, p. 209,
1896.)

geoffroyi (*Wagl.*). (p. 217.)

Eastern Asia (Japan, Formosa)
Africa, Indian Peninsula, and
Australasia (*winter*)

Bohol	Mindanao
Cagayancillo	Mindoro
Cuyo	Palawan
Leyte	Panay
Lubang	Pata off Sulu
Luzon	Siquijor
Negros	

mongolus (*Pall.*). (p. 223.)

Northeastern Asia
Coasts of Berling Sea, Alaska
China to Australasia (*winter*)

Bohol	Luzon
Cagayancillo	Mindanao
Calayan	Negros
Cuyo	Palawan
Leyte	Ticao
Lubang	

veredus (*Gould.*). (p. 232.)

Mongolia
China to Moluccas and Australia
(*winter*)

Palawan

ÆGIALITIS *Boie.*

(Sharpe, Cat. Bds., XXIV, p. 254,
1896.)

dubia (*Scop.*). (p. 263.)

Africa (*winter*)
Alaska to California (*casual*)
Europe and northern Asia to
Japan
India and the Malay Archipelago
(*winter*)

Bohol	Luzon
Cagayancillo	Mindanao
Calayan	Mindoro
Catanduanes	Negros
Cebu	Palawan
Gulmaras	Panay
Leyte	Sibuyan
Lubang	Tablas

peroni (*Bp.*). (p. 273.)

Greater Sunda Islands to Celebes

Bohol	Negros
Calayan	Palawan
Fuga	Romblon
Leyte	Sibutu
Lubang	Sibuyan
Luzon	Siquijor
Mindanao	Ticao

alexandrina (Linn.). (p. 275.)

Africa
Indian Peninsula and Australia
(winter)
Europe and central Asia to
China and Japan

Calayan	Panay
Cuyo	Siquijor
Mindanao	Ticao
Palawan	

Subfamily **HIMANTOPODINÆ.**

HIMANTOPUS *Briss.*

(Sharpe, Cat. Bds., XXIV, p. 309,
1896.)

leucocephalus *Gould.* (p. 317.)

Molucca Islands
Greater Sunda Islands
Australia New Guinea

Mindanao

Subfamily **TOTANINÆ.**

NUMENIUS *Briss.*

(Sharpe, Cat. Bds., XXIV, p. 340,
1896.)

arquata (Linn.). (p. 341.)

India	Africa
Europe east to Lake Baikal	
Southern China and Malay Pen- insula (winter)	

Luzon	Samar
Masbate	Ticao
Palawan	

cyanopus *V.* (p. 350.)

Japan
Eastern Siberia
Australia (winter)

Mindoro Negros

variegatus (*Scop.*). (p. 361.)

Japan
Eastern Siberia
Southern China to Australia
(winter)

Cagayancillo	Mindoro
Cebu	Negros
Cuyo	Palawan
Lubang	Panay
Luzon	Samar
Malanipa	Siquijor
Mindanao	

MESOSCOLOPAX *Sharpe.*(Sharpe, Cat. Bds., XXIV, p. 371,
1896.)*minutus* Gould. (p. 371.)China
Eastern Siberia
Corea and Mongolia
Japan to Australia (*winter*)

Marinduque Mindanao**LIMOSA** *Briss.*(Sharpe, Cat. Bds., XXIV, p. 372,
1896.)*novæ-zealandiæ* Gray. (p. 379.)Alaska
Eastern Siberia south to Aus-
tralia
New Zealand, Oceania (*winter*)

Bohol Cuyo
Negros*limosa* (Linn.). (p. 381.)Central and northern Europe
to Valley of Ob River
Mediterranean countries and
northeastern Africa (*winter*)

Negros Samar**TOTANUS** *Bechst.*(Sharpe, Cat. Bds., XXIV, p. 409,
1896.)*eurhinus* (Oberh.), Proc. U. S. N. M., XXII,
p. 207 (1900).India Africa
Europe and central Asia to
eastern Siberia
Burmese countries to Malay
Archipelago (*winter*)

Bohol Negros
Cebu Palawan
Cuyo Siquijor
Mindanao**HELODROMAS** *Kaup.*(Sharpe, Cat. Bds., XXIV, p. 437,
1896.)*ochropus* (Linn.). (p. 437.)Africa
Europe and northern Asia
Indian Peninsula to Malay Ar-
chipelago (*winter*)

Luzon Samar

HETERACTITIS *Stejn.*(Sharpe, Cat. Bds., XXIV, p. 449,
1896.)**brevipes** (V.). (p. 449.)Eastern Siberia
China to Malay Archipelago
and Australia (*winter*)

Bohol	Luzon
Cagayancillo	Malanipa
Calayan	Negros
Cebu	Palawan
Cuyo	Siquijor
Leyte	Ticao
Lubang	

ACTITIS *Illiger.*(Tringoides Bp.; Sharpe, Cat. Bds.,
XXIV, p. 456, 1896.)**hypoleucus** (Linn.). (p. 456.)Africa
Europe and northern Asia
Indian Peninsula to Australia
(*winter*)

Agutaya	Lubang
Balabac	Luzon
Basilan	Masbate
Bohol	Mindanao
Cagayancillo	Mindoro
Cagayan Sulu	Negros
Calamianes	Palawan
Calayan	Panay
Camiguin	Samar
Cebu	Sibay
Cuyo	Ticao
Guimaras	Verde

TEREKIA *Bp.*(Sharpe, Cat. Bds., XXIV, p. 474,
1896.)**cinerea** (Güldenst.). (p. 474.)Northern Siberia
Northeastern Europe
Africa and Indian Peninsula to
Australia (*winter*)

Bohol	Negros
Masbate	Palawan

GLOTTIS *Koch.*(Sharpe, Cat. Bds., XXIV, p. 480,
1896.)**nebularius** (Gunn.). (p. 481.)Africa
Northern Europe and northern
Asia
Indian Peninsula to Australia
(*winter*)

Luzon	Negros
Mindanao	Samar
Mindoro	

RHYACOPHILUS *Kaup.*(Sharpe, Cat. Bds., XXIV, p. 490,
1896.)**glareola** (*Gm.*). (p. 491.)Africa
Europe and northern Asia
Indian Peninsula to Australia
(*winter*)

Bohol	Mindanao
Cagayan Sulu	Mindoro
Calamianes	Negros
Calayan	Palawan
Cebu	Panay
Guimaras	Siquijor
Lubang	Ticao
Luzon	

Subfamily **SCOLOPACINÆ.****CALIDRIS** *Illiger.*(Sharpe, Cat. Bds., XXIV, p. 526,
1896.)**abba** (*Pall.*). (p. 526.)[*Cf.* Richmond, Smithsonian, Miscel. Colls.,
47, p. 347 (1905).]Africa
Arctic regions
South America
Indian Peninsula to Australia
(*winter*)
Marshall Islands (*winter*)

Luzon

LIMONITES *Kaup.*(Sharpe, Cat. Bds., XXIV, p. 537,
1896.)**minuta** (*Leister*). (p. 538.)Africa
Ceylon (*winter*)
Indian Peninsula
Northern Europe
Northern Asia to Lake Baikal

Mindanao

ruficollis (*Pall.*). (p. 545.)Eastern Siberia
Japan China
Burmese countries to Australia
(*winter*)

Bohol	Luzon
Calayan	Mindanao
Cebu	Negros
Cuyo	Palawan

damacensis (*Horsf.*). (p. 553.)

Japan
Eastern Siberia
Islands of Bering Sea
China to northeastern Bengal
Burma to Australia (*winter*)

Luzon Palawan
Mindanao

temmincki (*Leisl.*). (p. 555.)

Northern Europe and Asia
Northern and northeastern
Africa
Indian Peninsula
China (*winter*)

Negros

HETEROPYGIA *Coues.*

(Sharpe, Cat. Bds., XXIV, p. 561,
1896.)

acuminata (*Horsf.*). (p. 566.)

Eastern Siberia
Alaska
China south to Australia and
New Zealand (*winter*)

Mindanao

ANCYLOCHILUS *Kaup.*

(Sharpe, Cat. Bds., XXIV, p. 585,
1896.)

subarquatus (*Güldenst.*). (p. 586.)

Northern Siberia
Africa
Indian Peninsula to Australia
(*winter*)

Luzon Negros

TRINGA *Linn.*

(Sharpe, Cat. Bds., XXIV, p. 593,
1896.)

crassirostris *T. & S.* (p. 600.)

Eastern Siberia
Japan
China to Australia and western
Indian Peninsula (*winter*)

Negros

LIMICOLA *Koch.*

(Sharpe, Cat. Bds., XXIV, p. 612,
1896.)

platyrhyncha (*Temm.*). (p. 612.)

Northern Europe and Siberia
Mediterranean and Red Seas
Indian Peninsula
China to Moluccas (*winter*)

Bohol	Negros
Cuyo	Palawan

GALLINAGO *Leach.*

(Sharpe, Cat. Bds., XXIV, p. 616,
1896.)

stenura (*Kuhl.*). (p. 619.)

Eastern Siberia to the Yenesei
China to Malay Peninsula
(*winter*)

Calayan	Mindanao
---------	----------

megala *Swinh.* (p. 624.)

Eastern Siberia
Japan
China south to Molucca Islands
(*winter*)

Basilan	Mindoro
Calamianes	Negros
Cebu	Palawan
Leyte	Panay
Lubang	Samar
Luzon	Sibuyan
Masbate	Siquijor
Mindanao	Tawi Tawi

gallinago (*Linn.*). (p. 633.)

Europe to northern Asia
Senegambia and northeastern
Africa (*winter*)
Indian Peninsula to the Malay
Peninsula and the Moluccas
(*winter*)

Bohol	Luzon
Leyte	Mindoro

ROSTRATULA *V.*

(Sharpe, Cat. Bds., XXIV, p. 683,
1896.)

capensis (*Linn.*). (p. 683.)

Africa
Indian Peninsula
Burmese provinces to China
and Japan south to Malay
Peninsula
Greater Sunda Islands

Catanduanes	Mindanao
Leyte	Panay
Lubang	Samar
Luzon	Sibuyan
Marinduque	Siquijor

Suborder **PARRÆ.**Family **PARRIDÆ.****HYDROPHASIS** *Sharpe.*(Sharpe, Cat. Bds., XXIV, p. 69,
1896.)**chirurgus** (*Scop.*). (p. 69.)Indian Peninsula
Indo-Chinese countries to Ma-
lay Peninsula and Greater
Sunda IslandsCalayan Mindanao
Luzon Mindoro**HYDRALECTOR** *Wagler.*(Sharpe, Cat. Bds., XXIV, p. 79,
1896.)**gallinaceus** (*Temm.*). (l. c.)Australa
Celebes
Southern Borneo

Mindanao

Suborder **CURSORI.**Family **GLAREOLIDÆ.****GLAREOLA** *Briss.*(Sharpe, Cat. Bds., XXIV, p. 53,
1896.)**orientalis** *Leach.* (p. 58.)China
Eastern Siberia
Indian Peninsula
Indo-Chinese countries
Malay Peninsula and Archipel-
ago to Australa (*winter*)Calayan Mindanao
Fuga Negros
Luzon PalawanSuborder **ÆDICNEMI.**Family **ÆDICNEMIDÆ.****ORTHORHAMPHUS** *Salvad.*(Sharpe, Cat. Bds., XXIV, p. 22,
1896.)**magnirostris** (*V.*). (p. 22.)Australa to Bismarck Archipel-
ago and north to Borneo and
islands of Bay of BengalCalayan Mindanao
Fuga Mindoro
Luzon Palawan

Order GRUIFORMES.

Suborder GRUES.

Family GRUIDÆ.

ANTIGONE *Reichenb.*(Sharpe, Cat. Bds., XXIII, p. 262,
1894.)**sharpei** *Blanf.*, Bull. B. O. C., V, p. VI (1895).Malay Peninsula
Burma and Cochin China

Luzon

Suborder PLATALEÆ.

Family IBIDIDÆ.

PLEGADIS *Kaup.*(Sharpe, Cat. Bds., XXVI, p. 29,
1898.)**falcinellus** (*Linn.*). (l. c.)China
Africa
Jamaica
Australia
Eastern United States
Southern Europe to India

Mindanao

Order ARDEIFORMES.

Suborder CICONIÆ.

Family CICONIIDÆ.

Subfamily CICONIINÆ.

DISSÖURA *Cab.*(Sharpe, Cat. Bds., XXVI, p. 294,
1898.)**episcopus** (*Bodd.*). (p. 294.)Tropical Africa
Indian Peninsula
Malay Peninsula
Indo-Malayan Islands
Indo-Chinese countries
Celebes Ceylon

Calayan Mindoro
Leyte Negros
Luzon Panay
Masbate Samar
Mindanao

Suborder **ARDEÆ.**Family **ARDEIDÆ.****PYRRHERODIAS** *Finsch & Hartl., Vog.*

Ost-Afr., p. 676 (1870).

[*Phoyx* Stejn. (Sharpe, Cat. Bds.,
XXVI, p. 60, 1898.)]**manillensis** (*Meyen*). (p. 64.)

Celebes	
Indian Peninsula	
Malay Peninsula	
Ceylon	China
Greater Sunda Islands	
<hr/>	
Basilan	Negros
Calamianes	Palawan
Catanduanes	Panay
Cebu	Romblon
Leyte	Samar
Luzon	Sibuyan
Marinduque	Siquijor
Masbate	Tablas
Mindanao	Tawi Tawi
Mindoro	Ticao

ARDEA *Linn.*(Sharpe, Cat. Bds., XXVI, p. 66,
1898.)**sumatrana** *Raffl.* (p. 68.)

Australia	
Malay Peninsula	
Sunda Islands	Celebes
Aracan	Tenasserim
<hr/>	
Negros	Palawan
<hr/>	
Europe	Asia
Africa	Australia
<hr/>	
Gulmaras	

cinerea *Linn.* (p. 74.)**MESOPHOYX** *Sharpe.*(Sharpe, Cat. Bds., XXVI, p. 85,
1898.)**intermedia** *Wagl.* (p. 85.)

Indian Peninsula	
Malayan Archipelago	
China	Japan
<hr/>	
Bobol	Mindoro
Calayan	Palawan
Luzon	Samar
Mindanao	

HERODIAS *Boie.*

(Sharpe, Cat. Bds., XXVI, p. 88,
1898.)

timoriensis (Cuv.). (p. 98.)

Northern China and Japan to
Australia

Mindanao

EGRETTA *Forster.*

(*Garzetta* Kaup; Sharpe, Cat. Bds.,
XXVI, p. 118, 1898.)

garzetta (Linn.). (p. 118.)

Africa
China Japan
Southern Europe to central
Asia
Indian Peninsula
Malay Peninsula and Archipel-
ago

Bohol	Mindanao
Cagayancillo	Negros
Leyte	Panay
Lubang	Romblon
Luzon	Siquijor

DEMIEGRETTA *Blyth.*

(Sharpe, Cat. Bds., XXVI, p. 136,
1898.)

sacra (Gm.). (p. 137.)

Coast of Bay of Bengal to
Australia and Oceania north
to Japan and Korea

Balabac	Mindanao
Bohol	Mindoro
Bongao	Negros
Cagayancillo	Panay
Cagayan Sulu	Pata (off Sulu)
Calayan	Romblon
Cebu	Semirara
Cuyo	Sibuyan
Fuga	Siquijor
Lubang	Sulu
Luzon	Tablas
Malanipa	Tawi Tawi
Marinduque	Ticao
Masbate	

NYCTICORAX *Rafn.*

(Sharpe, Cat. Bds., XXVI, p. 145,
1898.)

nycticorax (Linn.). (p. 146.)

Africa
Malay Peninsula
China and Japan
Greater Sunda Islands to
Celebes
Northern and Central America
to Columbia and Ecuador
Central and southern Europe to
Indian Peninsula

Calayan	Mindanao
Luzon	

manillensis *Vig.* (p. 162.)

Western Celebes
Northern Borneo

Basilan	Mindoro
Catanduanes	Negros
Cebu	Panay
Leyte	Samar
Luzon	Sibuyan
Marinduque	Siquijor
Masbate	Tablas
Mindanao	Ticao

GORSACHIUS *Bp.*

(Sharpe, Cat. Bds., XXVI, p. 166,
1898.)

melanolophus (*Raffl.*). (p. 166.)

Ceylon
Southern India
Assam to Hainan
Greater Sunda Island
Formosa south to Malay Penin-
sula

Balabac	Mindanao
Basilan	Palawan
Cebu	Samar
Guimaras	Siquijor
Luzon	Ticao
Masbate	

goisagi (*Temm.*). (p. 169.)

Japan	Formosa
Luzon	Mindanao

BUTORIDES *Blyth.*

(Sharpe, Cat. Bds., XXVI, p. 172,
1898.)

javanica (*Horsf.*). (p. 177.)

Southern China
Malay Peninsula
Indian Peninsula
Celebes Ceylon
Mascarene Islands
Greater Sunda Islands

Bongao	Mindoro
Cagayancillo	Negros
Calamianes	Nipa
Calayan	Palawan
Cebu	Panay
Cuyo	Romblon
Dinagat	Samar
Guimaras	Semirara
Leyte	Sibuyan
Lubang	Siquijor
Luzon	Sulu
Marinduque	Tablas
Masbate	Tawi Tawi
Mindanao	Ticao

amurensis (*Schrenck*) (p. 181.)

Greater Sunda Islands
Japan China
Amur-land Celebes

Cebu	Palawan
------	---------

BUBULCUS *Bp.*(Sharpe, Cat. Bds., XXVI, p. 213,
1898.)**coromandus** (*Bodd.*). (p. 217.)

Ceylon
 Eastern Siberia
 Indian Peninsula
 Corea China
 Indo-Chinese countries south to
 Celebes and Moluccas

Balabac	Masbate
Bohol	Mindanao
Bongao	Mindoro
Calayan	Negros
Catanduanes	Palawan
Cebu	Panay
Cuyo	Sulu
Guimaras	Tablas
Lubang	Ticao
Luzon	

ARDETTA *Gray.*(Sharpe, Cat. Bds., XXVI, p. 220,
1898.)**sinensis** (*Gm.*). (p. 227.)

Japan
 Indian Peninsula
 China Korea
 Indo-Chinese countries
 Malay Peninsula and islands
 to Australia (*winter*)

Calayan	Panay
Luzon	Sulu
Mindanao	Tablas
Mindoro	

cinnamomea (*Gm.*). (p. 236.)

China
 Eastern Siberia
 Celebes (*winter*)
 Indian Peninsula
 Indo-Malayan subregion

Catanduanes	Mindoro
Cebu	Palawan
Guimaras	Panay
Leyte	Sibuyan
Luzon	Tablas
Marinduque	Tawi Tawi
Mindanao	Ticao

NANNOCNUS *Stejn.*(Sharpe, Cat. Bds., XXVI, p. 242,
1898.)**eurythmus** (*Swinh.*). (p. 242.)

Eastern Siberia
 Japan China
 Borneo Celebes

Mindanao	Negros
----------	--------

DUPETOR *Heine & Reichen.*(Sharpe, Cat. Bds., XXVI, p. 246,
1898.)**flavicollis** (*Lath.*). (p. 247.)Malay Peninsula
Celebes Ceylon
Indo-Chinese countries
Indian Peninsula
Greater Sunda Islands
Southern and central China

Cebu Mindanao
Luzon Negros
Marinduque Samar**BOTAURUS** *Briss.*(Sharpe, Cat. Bds., XXVI, p. 253,
1898.)**stellaris** (*Linn.*). (l. c.)Northwestern India
Burma China
Temperate Palearctic region

Luzon

Order ANSERIFORMES.

Family ANATIDÆ.

Subfamily PLECTROPTERINÆ.

NETTOPUS *Brandt.*(Salvadori, Cat. Bds., XXVII, p. 64,
1895.)**coromandelianus** (*Gm.*). (p. 68.)Indian Peninsula
Burmese countries
Greater Sunda Islands
China Celebes

Luzon

Subfamily ANATINÆ.

DENDROCYGNA *Swains.*(Salvadori, Cat. Bds., XXVII, p. 144,
1895.)**viduata** (*Linn.*). (p. 145.)Tropical Africa
Tropical South America
West Indies Madagascar

Luzon

arcuata (Horsf.). (p. 153.)

New Guinea	
Indo-Malayan Islands	
Australia	Oceania
Celebes	Moluccas

Basilan	Mindanao
Bohol	Mindoro
Catanduanes	Panay
Cebu	Samar
Guimaras	Sibuyan
Leyte	Siquijor
Luzon	Ticao
Masbate	

guttulata Wallace.

[*guttata* Forst. (p. 164.)]

Celebes	
Tenimber Islands	
Moluccas	New Guinea

Mindanao

ANAS Linn.

(Salvadori, Cat. Bds., XXVII, p. 187,
1895.)

luzonica Fraser. (p. 205.)

Catanduanes	Mindanao
Guimaras	Mindoro
Lubang	Panay
Luzon	Samar
Marinduque	Siquijor
Masbate	Ticao

POLIONETTA Oates.

(Oates, Man. Game Bds. Ind., pt. II,
p. 151, 1899.)
[*Anas* Linn. pt.]

zonorhyncha (Swinh.). (p. 211.)

Eastern Siberia	
Mongolia	Japan
China	Kurile Islands

Calayan

MARECA Steph.

(Salvadori, Cat. Bds., XXVII, p. 227,
1895.)

penelope (Linn.). (l. c.)

Persia (winter)
Marshall Islands (winter)
North America (occasional)
Northeastern Africa (winter)
Northern Europe and Siberia to Kamtchatka
Northern Indian Peninsula and Burma to Borneo (winter)

Calayan

NETTION *Kaup.*(Salvadori, Cat. Bds., XXVII, p. 238,
1895.)**crecca** (*Linn.*). (p. 243.)

Persia
 China (*winter*)
 Indian Peninsula
 Europe and northern Asia
 Eastern United States (*occasional*)
 Northern and northeastern
 Africa

Calayan Mindoro
 Luzon

DAFILA *Steph.*(Salvadori, Cat. Bds., XXVII, p. 270,
1895.)**acuta** (*Linn.*). (p. 270.)
[*modesta* Tristr. (p. 275, note.)]

Northern Asia
 North America
 Northern Europe
 Mediterranean countries (*winter*)
 Indian Peninsula and China
 (*winter*)
 Central America and West Indies
 (*winter*)
 Indo-Malayan Archipelago and
 Oceania (*winter*)

Luzon

QUERQUEDULA *Steph.*(Salvadori, Cat. Bds., XXVII, p. 290,
1895.)**querquedula** (*Linn.*).
[*circia* Linn. (p. 293.)]

China (*winter*)
 Indian Peninsula (*winter*)
 Northeastern Africa (*winter*)
 Malayan Archipelago (*winter*)
 Northern Europe and northern
 Asia

Calayan Luzon

SPATULA *Boie.*(Salvadori, Cat. Bds., XXVII, p. 306,
1895.)**clypeata** (*Linn.*). (p. 306.)

North America
 Africa (*winter*)
 West Indies (*winter*)
 Southern China (*winter*)
 Indian Peninsula (*winter*)
 Arabia and Persia (*winter*)
 Hawaiian Archipelago (*winter*)
 Central America to Colombia
 (*winter*)
 Europe Western Asia

Calayan Luzon
 Mindoro

Subfamily **FULIGULINÆ.****FULIGULA** *Steph.*(Salvadori, Cat. Bds., XXVII, p. 354,
1895.)**fuligula** (*Linn.*). (p. 363.)

Northern Asia
 Northern Europe
 Greater Sunda Islands (*winter*)
 Marianne and Pelew Islands
 (*winter*)
 Mediterranean Sea and Abyssinia
 (*winter*)
 Northern Indian Peninsula and
 Southern China (*winter*)

Calayan Mindanao
 Luzon

Order **PELECANIFORMES.**Family **PHALACROCORACIDÆ.****PHALACROCORAX** *Briss.*(Grant, Cat. Bds., XXVI, p. 330,
1898.)**carbo** (*Linn.*). (p. 340.)

Europe Africa
 Greenland Northern Asia
 Eastern North America to
 Georgia
 Indian Peninsula to China and
 Australia

Calayan Ticao
 Luzon

Family **PLOTIDÆ.****ANHINGA** *Briss.*(*Plotus* *Linn.*; Grant, Cat. Bds.,
XXVI, p. 410, 1898.)**melanogaster** (*Pennant*). (p. 414.)

Mesopotamia
 Indian Peninsula
 Indo-Chinese countries
 Indo-Malayan Peninsula
 Borneo Celebes

Luzon Mindoro
 Mindanao Negros

Family **SULIDÆ.****SULA** *Briss.*(Grant, Cat. Bds., XXVI, p. 423,
1898.)**piscator** (*Linn.*). (p. 432.)

Oceania
 Southern Atlantic
 Indian and Australian Seas

Mindanao

sula (Linn.). (p. 436.)

Tropical Atlantic, Indian, Australian, and Pacific Oceans

Calayan? ¹	Luzon
Dinagat	Mindanao

Family **FREGATIDÆ.**

FREGATA *Briss.*

(Grant, Cat. Bds., XXVI, p. 442, 1898.)

aquila (Linn.). (p. 443.)

Tropical and subtropical oceans of both hemispheres

Cagayancillo

ariel (Gould). (p. 447.)

Tropical and subtropical Indian and Pacific Oceans

Cagayancillo	Negros
Luzon	Palawan
Mindanao	

Family **PELECANIDÆ.**

PELECANUS *Linn.*

(Grant, Cat. Bds., XXVI, p. 460, 1898.)

philippensis *Gm.* (p. 471.)

Indian Peninsula to China

Luzon	Mindanao
-------	----------

Order **ACCIPITRIFORMES.**

Suborder **ACCIPITRES.**

Family **FALCONIDÆ.**

Subfamily **ACCIPITRINÆ.**

CIRCUS *Lacép.*

(Sharpe, Cat. Bds., I, p. 50, 1874.)

silonotus *Kaup.* (p. 58.)

Eastern Siberia
China and Indo-Burmese countries (*winter*)
Malay Archipelago (*winter*)

Calayan	Palawan
Luzon	Sibay
Mindanao	Sulu
Mindoro	

¹ A pair of birds, in all probability *S. sula*, were observed near Calayan by Mr. McGregor in September, 1903.—WORCESTER.

melanoleucus (Forst.). (p. 61.)

Eastern Siberia
Mongolia China (*winter*)
Northeastern Indian Peninsula
and Indo-Chinese countries
(*winter*)

Calayan	Mindanao
Basilan	Negros
Guimaras	Sulu
Luzon	Ticao

æruginosus (Linn.). (p. 69.)

Temperate Europe
Northern Africa (*winter*)
Indian Peninsula (*winter*)
Siberia China (*winter*)

Cagayan Sulu Mindoro
Luzon

ASTUR *Lacép.*

(Sharpe, Cat. Bds., I, p. 92, 1874.)

trivirgatus (Temm.). (p. 105.)

Indian Peninsula
Indo-Malayan Islands
Ceylon Formosa

Balabac	Palawan
Leyte	Samar
Mindanao	

soloensis (Lath.). (p. 114.)

China
Indo-Chinese countries
Molucca Islands (*winter*)
Malay Peninsula (*winter*)
Indo-Malayan Islands (*winter*)

Cagayancillo Mindanao
Luzon

cuculoides (Temm.). (p. 115.)

China, south to Malay Archipelago (*winter*)

Cagayancillo

ACCIPITER *Briss.*

(Sharpe, Cat. Bds., I, p. 132, 1874.)

gularis (Temm. & Schl.). (p. 160, pt.)

Japan
Northern China
Malay Peninsula
Malay Archipelago

Calayan	Palawan
Fuga	

manillensis (Meyen). (p. 150, pt.)

Guimaras	Mindanao
Leyte	Mindoro
Luzon	Negros

Subfamily **AQUILINÆ**.**LOPHOTRIORCHIS** Sharpe.

(Sharpe, Cat. Bds., I, p. 255, 1874.)

kieneri (*Geoffr.*). (p. 255.)

Malay Peninsula	
Indian Peninsula	
Lesser Sunda Islands	
Indo-Malayan Islands	
Indo-Chinese provinces	
Ceylon	Celebes
<hr/>	
Luzon	Marinduque
Panay	Mindanao

SPIZAËTUS Vieill.

(Sharpe, Cat. Bds., I, p. 259, 1874.)

philippinensis Gurney. (p. 261, note.)

Basilan	Negros
Luzon	Palawan
Masbate	Siquijor

limnaëtus (*Horsf.*). (p. 272.)

Burmese provinces	
Malayan Peninsula	
Northeastern Bengal	
Greater Sunda Islands	
Assam	Himalayas
<hr/>	
Calamianes	Mindoro
Lubang	Palawan
Mindanao	

PITHECOPHAGA Grant.

(Grant, B. O. C., VI, p. 17, 1896.)

jefferyi Grant, Bull. B. O. C., VI, p. 17,
1896; id. Ibis, 1897, pl. v.

Leyte? ¹	Mindanao
Luzon	Samar

SPILORNIS Gray.

(Sharpe, Cat. Bds., I, p. 287, 1874.)

bacha (*Daud.*). (p. 290.)

Malayan Peninsula	
Greater Sunda Islands	
<hr/>	
Calamianes	Palawan
Balabac	

holospilus (*Vig.*). (p. 293.)

Basilan	Marinduque
Bongao	Mindanao
Catanduanes	Mindoro
Cebu	Samar
Leyte	Sulu
Luzon	Tawi Tawi

panayensis Steere, List. Bds. & Mams.
Steere Exp., p. 7 (1890).

Guimaras	Romblon
Masbate	Sibuyan
Negros	Tablas
Panay	

¹ *P. jefferyi* was probably heard, although not seen, by Whitehead in Leyte. As it has been killed in Samar and Mindanao its occurrence in Leyte is hardly open to doubt.—WORCESTER.

BUTASTUR *Hodgs.*

(Sharpe, Cat. Bds., I, p. 294, 1874.)

indicus (*Gm.*). (p. 297.)

Ussuri-land	
Japan	Celebes
China to Malay Peninsula	
Balabac	Masbate
Basilan	Mindanao
Bohol	Mindoro
Cagayanelllo	Negros
Cagayan Sulu	Palawan
Calamianes	Panay
Calayan	Samar
Cebu	Sibay
Cuyo	Siquijor
Fuga	Sulu
Gulmaras	Tawi Tawi
Lubang	Verde
Luzon	

HALIAËTUS *Savign.*

(Sharpe, Cat. Bds., I, p. 301, 1874.)

leucogaster (*Gm.*). (p. 307.)

Indian Peninsula	
Indo-Chinese provinces	
Malay Peninsula to Australia and Oceania	

Basilan	Romblon
Bongao	Samar
Calamianes	Semirara
Calayan	Sibuyan
East Bolod	Siquijor
Fuga	Sulu
Luzon	Tablas
Masbate	Tawi Tawi
Mindanao	Ticao
Mindoro	Verde
Palawan	

HALIASTUR *Selby.*

(Sharpe, Cat. Bds., I, p. 312, 1874.)

intermedius *Gurney.* (p. 314.)

Celebes	
Malay Peninsula	
Greater Sunda Islands	
Indo-Chinese provinces	

Basilan	Marinduque
Bohol	Masbate
Bongao	Mindanao
Calamianes	Mindoro
Catanduanes	Negros
Cebu	Panay
Cuyo	Romblon
Gulmaras	Samar
Leyte	Sibuyan
Lubang	Siquijor
Luzon	Sulu
Maestro de Campo	Tablas
Malanipa	Tawi Tawi
	Ticao

ELANUS *Savign.*

(Sharpe, Cat. Bds., I, p. 336, 1874.)

hypoleucus *Gould.* (p. 338.)

Celebes	
Greater Sunda Islands	
Basilan	Mindoro
Bongao	Negros
Calamianes	Samar
Cebu	Sibuyan
Guimaras	Sulu
Luzon	Tawi Tawi
Mindanao	

PERNIS *Cur.*

(Sharpe, Cat. Bds., I, p. 343, 1874.)

ptilonorhynchus (*Temm.*). (p. 347.)

Ceylon	
Malay Peninsula	
Indian Peninsula	
Indo-Chinese countries	
Greater Sunda Islands	

Cebu	Palawan
Luzon	Samar
Mindanao	Sibuyan
Mindoro	Sulu

BAZA *Hodge.*

(Sharpe, Cat. Bds., I, p. 351, 1874.)

magnirostris *Gray.* (p. 356.)

Luzon	Mindanao
-------	----------

leucopais *Sharpe*, Ibis, 1888, p. 195.

Palawan	Samar
Romblon	

MICROHIERAX *Sharpe.*

(Sharpe, Cat. Bds., I, p. 366, 1874.)

erythrogenys (*Vig.*). (p. 369.)

Luzon	Mindoro
-------	---------

meridionalis *Grant*, Ibis, 1897, 220.

Cebu	Mindanao
Luzon	Samar

FALCO *Linn.*

(Sharpe, Cat. Bds., I, p. 374, 1874.)

peregrinus *Tunst.*[*communis* *Gm.* (p. 376.)]

Africa (<i>winter</i>)	
Northern America	
Europe	Asia
Indian Peninsula (<i>winter</i>)	

Calayan	Mindoro
Catanduanes	Negros
Fuga	Palawan
Luzon	Sibuyan
Mindanao	

ernesti *Sharpe*, Ibis, 1894, p. 545.

Greater Sunda Islands	
New Guinea	Fiji Islands
Luzon	Negros

melanogenys Gould. (p. 385.)

Australia

Luzon

severus Horsf. (p. 397.)

Malay Peninsula
 Burmese provinces
 Himalayas Ceylon
 Southern Indian Peninsula
 Greater Sunda Islands to New
 Guinea and New Britain

Calamianes	Palawan
Cebu	Romblon
Luzon	Sibuyan
Mindanao	Siquijor
Mindoro	Sulu
Negros	Tawi Tawi

CERCHNEIS Boie.

(Sharpe, Cat. Bds., I, p. 423, 1874.)

tinnunculus (Linn.). (p. 425.)

Africa (*winter*)
 Indian Peninsula (*winter*)
 Europe Northern Asia

Luzon

Suborder **PANDIONES.**Family **PANDIONIDÆ.****PANDION** Savign.

(Sharpe, Cat. Bds., I, p. 448, 1874.)

haliaëtus (Linn.). (p. 449.)

Eastern Hemisphere

Luzon	Palawan
Mindoro	

leucocephalus Gould. (p. 451.)

Australia
 Austro-Malayan Islands

Balabac	Marinduque
---------	------------

POLIOAËTUS Kaup.

(Sharpe, Cat. Bds., I, p. 452, 1874.)

ichthyaëtus (Horsf.). (p. 452.)

Malay Peninsula
 Burmese provinces
 Indian Peninsula
 Greater Sunda Islands
 Celebes Ceylon

Basilan	Mindoro
Bongao	Negros
Luzon	Samar
Mindanao	

Order STRIGIFORMES.

Family BUBONIDÆ.

Subfamily BUBONINÆ.

PSEUDOPTYNX *Kaup.*

(*Bubo*, pt., Sharpe, Cat. Bds., II, p.
12, 1875.)

philippinensis <i>Kaup.</i> (p. 43.)	Luzon	
gurneyi <i>Tweedd.</i> , P. Z. S., 1878, p. 940.	Mindanao	

OTUS *Pennant.*

(Stone, Auk. XX, p. 275, 1903.)
(*Scops*, Sharpe, Cat. Bds., II, p. 43,
1875.)

megalotis (<i>Gray.</i>). (p. 69.)	Luzon	
everetti (<i>Tweedd.</i>), P. Z. S., 1878, p. 492.	Basilan Mindanao	Palawan Samar
fuliginosus (<i>Sharpe</i>), Ibis, 1888, p. 197.	Palawan	
sibutuensis (<i>Sharpe</i>), Bull. B. O. C., II, p. ix (1893).	Sibutu	Sulu
longicornis (<i>Grant</i>), Bull. B. O. C., III, p. li (1894).	Luzon	Mindoro? ¹
mindorensis (<i>Whitehead</i>), Ibis, Jan., 1899, p. 98.	Mindoro	
whiteheadi (<i>Grant</i>), Bull. B. O. C., IV, p. xl (1895.)	Luzon	
rufescens (<i>Horsf.</i>). (p. 102.)	Malay Peninsula Greater Sunda Islands	
	Sulu	
cuyensis <i>McGregor</i> , Bull. Philippine Mus., No. 4, p. 17 (1904).	Cuyo	
calayensis <i>McGregor</i> , l. c., p. 18.	Calayan	
romblonis <i>McGregor</i> , Govt. Lab. Publ., No. 25, p. 12 (1905).	Romblon	

¹An undetermined specimen of *Scops* collected by Whitehead in Mindoro, is doubtfully referred by Grant to *S. longicornis* (Ibis, Oct., 1896, p. 462).—
WORCESTER.

NINOX *Hodgs.*

(Sharpe, Cat. Bds., II, p. 151, 1875.)

lugubris (*Tickell*). (p. 154.)Himalayas
Indian Peninsula
Burmese countries

Basilan	Negros
Luzon	Panay
Masbate	Sulu
Mindanao	

scutulata (*Raffl.*). (p. 156.)Southern India
Malay Peninsula
Greater Sunda Islands
Ceylon Tenasserim

Palawan

japonica (*Temm. & Schl.*).(Scutulata pt. Sharpe, Cat. Bds., II,
p. 156; *florensis* Wall., P. Z. S., 1863,
p. 488; *macroptera* W. Blasius, Ornith.,
1888, p. 545.)Celebes (*winter*)
Ternate (*winter*)
Sangi Islands (*winter*)
Japan China
Indo-Malayan Islands

Calayan	Fuga
Cebu	Mindanao
Cuyo	Mindoro
Basilan	

philippensis *Bp.* (p. 167.)

Guimaras	Negros
Leyte	Panay
Luzon	Samar
Marinduque	Siquijor
Masbate	Ticao

everetti *Sharpe*, Bull. B. O. C., VI, p. 42
(1897).

Siasi

spilocephala *Tweedd.*, P. Z. S., 1878, p. 940.

Basilan Mindanao

spilonota *Bourns & Worcester*, Occ. Papers
Minnesota Acad., I, No. 1, p. 8 (1894).

Cebu	Mindoro
Luzon	Tablas
Mindanao	

reyi *Oust.*, Bul. Assoc. Sc. France, 1880, No.
39, p. 206.

Bongao Sulu

mindorensis *Grant*, Ibis, 1896, p. 463.

Mindoro

plateni *Blas.* (in litt.) *Hartl.*, Abh. Nat.
Ver. Brem., XVI, p. 271 (1899).

Mindoro

Subfamily **SYRNIINÆ**.**SYRNIUM** *Savign.*

(Sharpe, Cat. Bds., II, p. 244, 1875.)

whiteheadi *Sharpe*, Ibis, 1888, p. 196, pl. iii.
[*wiepkeni* W. Blasius, Ornith., 1888, p. 304.]

Palawan

Family **STRIGIDÆ.****STRIX** *Linn.*

(Sharpe, Cat. Bds., II, p. 290, 1875.)

candida *Tick.* (p. 308.)[*oustaleti* Hartl., P. Z. S., 1879, p. 295.]

Indian Peninsula
 Burmese provinces
 Northern Australia
 Fiji Islands (Viti Levu)
 Formosa Celebes

Calamianes Mindoro
 Cebu Sibuyan
 Luzon Siquijor

Order **PSITTACIFORMES.**Family **LORIIDÆ.****TRICHOGLOSSUS** *Vig. & Horsf.*

(Salvad., Cat. Bds., XX, p. 49, 1891.)

johnstoniæ *Hartert*, Bull. B. O. C., XIV, Mindanao
 p. 10 (1903).

Family **CACATUIDÆ.****CACATUA** *Vieill.*(Salvadori, Cat. Bds., XX, p. 115,
1891.)**hæmaturopygia** (*P. L. S. Müll.*). (p. 130.)

Balabac	Mindoro
Basilan	Negros
Bongao	Nipa
Calamianes	Palawan
Cebu	Panaon
Guimaras	Panay
Lapac	Samar
Leyte	Siquijor
Lubang	Sulu
Luzon	Tablas
Marinduque	Tawi Tawi
Masbate	Ticao
Mindanao	

Family **PSITTACIDÆ.**Subfamily **PALÆORNITHINÆ.****PRIONITURUS** *Wagl.*(Salvadori, Cat. Bds., XX, p. 414,
1891.)

verticalis *Sharpe*, Bull. B. O. C., III, p. x
 (1893).

Bongao Tawi Tawi
 Sibutu

montanus *Grant*, Bull. B. O. C., IV, p. xli
 (1895).

Luzon

discurus (<i>Vicill.</i>). (p. 417.)	Basilan	Mindanao
[<i>P. suluensis</i> W. Blasius, J. f. O. 1890,	Catanduanes	Negros
p. 140.]	Cebu	Samar
	Gulmaras	Sibuyan
	Leyte	Sulu ¹
	Luzon	Tablas
	Masbate	

waterstradti *Roths.*, Bull. B. O. C., XIV, p. 72 (1904).

Mindanao

mindorensis *Steere*. (p. 419.)

Mindoro

cyaneiceps *Sharpe*. (p. 419.)

Balabac Palawan
Calamianes

luconensis *Steere*. (p. 420.)

Luzon Marinduque

TANYGNATHUS *Wagl.*

(Salvadori, Cat. Bds., XX, p. 422, 1891.)

luconensis (*Linn.*). (p. 424.)

Basilan Mindoro
Bongao Negros
Cagayan Sulu Palawan
Calamianes Panay
Cebu Romblon
Gulmaras Samar
Lapac Sibutu
Leyte Sibuyan
Luzon Siquijor
Maestro de Sulu
Campo Tablas
Malanipa Tawi Tawi
Marinduque Ticao
Masbate Verde
Mindanao

everetti *Twedd.* (p. 432.)

Luzon Negros
Mindanao Panay
Mindoro Samar

burbidgei *Sharpe*. (p. 432.)

Bongao Tawi Tawi
Sulu

BOLBOPSITTACUS *Salvad.*

(Salvadori, Cat. Bds., XX, p. 503, 1891.)

lunulatus (*Scop.*). (p. 504.)

Luzon

intermedius *Salvad.* (p. 505.)

Leyte Samar

mindanensis (*Steere*). (p. 506.)

Mindanao Panaon

¹W. Blasius has separated the Sulu birds as a new variety under the name *P. discurus suluensis*, stating that they differ from the typical *P. discurus* in the greater extent of the blue coloring on the head and in the more slender and longer beak. A careful examination of the specimens obtained by Bourns and myself in Sulu failed to disclose any differences between them and typical *P. discurus*, and I am of the opinion that Blasius's "variety" can not stand.—
WORCESTER.

LORICULUS *Blyth.*(Salvadori, Cat. Bds., XX, p. 515,
1891.)

chrysonotus <i>Scl.</i> (p. 522.)	Cebu	
regulus <i>Souancé.</i> (p. 523.)	Guimaras Masbate Negros	Panay Ticao
bournsi <i>McGregor</i> , Govt. Lab. Publ. No. 25, p. 16.	Romblon Sibuyan	Tablas
philippensis (<i>P. L. S. Müll.</i>). (p. 524.)	Catanduanes Luzon	Marinduque
mindorensis <i>Steere.</i> (p. 526.)	Mindoro	
siquijorensis <i>Steere.</i> (p. 526.)	Siquijor	
apicalis <i>Souancé.</i> (p. 528.)	Basilan Bazol	Dinigat Mindanao
worcesteri <i>Steere.</i> (p. 528, pt.)	Bohol Leyte	Samar
bonapartei <i>Souancé.</i> (p. 530.)	Bongao Sulu	Tawi Tawi
sp. <i>Salvad.</i> , Cat. Bds. XX, p. 530, note.	Mindanao	
galgulus (<i>Linn.</i>). (p. 531.)	Malay Peninsula Sumatra Banka	Nias Borneo
	Cagayan Sulu	

Order CORACIIFORMES.

Suborder PODARGI.

Family PODARGIDÆ.

BATRACHOSTOMUS *Gould.*(Hartert, Cat. Bds., XVI, p. 636,
1892.)

septimus <i>Tweed.</i> (p. 638.)	Basilan? ¹	Mindanao
microrhynchus <i>Grant</i> , Bull. B. O. C., IV, p. xli (1895.)	Luzon	

¹ A *Batrachostomus*, probably of this species, was seen by me in Basilan in 1891.—WORCESTER.

menagei *Bourne & Worcester*, Occ. Papers
Minnesota Acad., I, No. 1, p. 11 (1894).
javensis (*Horsf.*). (p. 640.)

Negros?¹ Panay
Borneo Sumatra
Java

Palawan

affinis *Blyth*. (p. 643.)

Malay Peninsula
Southern Tenasserim
Borneo Sumatra

Palawan

Suborder CORACIÆ.

Family CORACIIDÆ.

Subfamily CORACIINÆ.

EURYSTOMUS *Vieill.*

(Sharpe, Cat. Bds., XVII, p. 28,
1892.)

orientalis (*Linn.*). (p. 33.)

Malay Peninsula
Burmese provinces
Cachar Java
Borneo Sumatra
Andaman and Nicobar Islands

Baslan Mindoro
Cagayancillo Negros
Calamianes Palawan
Calayan Panaon
Cebu Panay
Cuyo Romblon
Dinagat Samar
Fuga Sibutu
Guimaras Sibuyan
Leyte Siquijor
Luzon Sulu
Maestro de Tablas
Campo Tawi Tawi
Marinduque Ticao
Masbate Verde
Mindanao

Suborder HALCYONES.

Family ALCEDINIDÆ.

Subfamily ALCEDININÆ.

PELARGOPSIS *Gloger.*

(Sharpe, Cat. Bds., XVII, p. 96,
1892.)

leucocephala (*Gm.*).² (p. 98.)

Borneo

Palawan?

¹ A female *Batrachostomus*, probably referable to this species, was shot in Negros by Keay in April, 1899 (See Ibis, April, 1900, p. 353.)—WORCESTER.

² The Palawan record is based on Whitehead's collection; Sharpe, Ibis, 1888, p. 197; Whitehead records *P. gouldi* not *P. leucocephala*, Ibis, 1893, p. 45.—MCGREGOR.

gouldi *Sharpe*. (p. 100.)

Balabac	Luzon
Calamianes	Mindoro
Lubang	Palawan

gigantea *Walden*. (p. 100.)

Basilan	Negros
Bongao	Panay
Cebu	Samar
Dinagat	Sibutu
Guimaras	Sibuyan
Lapac	Sulu
Leyte	Tablas
Masbate	Tawi Tawi
Mindanao	Ticao
Malanipa	

ALCEDO *Linn.*

(Sharpe, Cat. Bds., XVII, p. 141,
1892.)

bengalensis *Briss.* (p. 141.)

Molucca Islands	
Malay Peninsula	
Indian Peninsula	
Burmese provinces	
Greater Sunda Islands	
China	Hainan
Europe	Northern Asia

Balabac	Masbate
Basilan	Mindanao
Bohol	Mindoro
Cagayancillo	Negros
Cagayan Sulu	Palawan
Calamianes	Panay
Calayan	Romblon
Catanduanes	Samar
Cebu	Sibuyan
Cuyo	Siquijor
Guimaras	Sulu
Leyte	Tablas
Lubang	Tawi Tawi
Luzon	Verde

meninting *Horsf.* (p. 157.)

Sumatra	
Malay Peninsula	
Southern Tenasserim	
Java	Borneo

Balabac	Palawan
Bongao	Sulu
Calamianes	Tawi Tawi

ALCYONE *Swains.*

(Sharpe, Cat. Bds., XVII, p. 167,
1892.)

cyanopectus (*Lafr.*) (p. 185.)
[*steerii* (*Sharpe*). (p. 187.)]

Luzon	Mindoro
Marinduque	Sibuyan
Masbate	Ticao

argentata (*Tweedd.*). (p. 187.)

Basilan	Mindanao
Dinagat	

flumenicola (Steere). (p. 187.)

Leyte

Samar

nigrirostris (Bourne & Worcester), Occ. Papers Minnesota Acad., I, No. 1, p. 13 (1894).Cebu
Negros

Panay

Subfamily **DACELONINÆ**.**CEYX** Lacép.

(Sharpe, Cat. Bds., XVII, p. 173, 1892.)

melanura Kaup. (p. 180.)

Luzon

mindanensis Steere. (p. 181, note.)
[*basilanica* Steere.¹ (p. 181.)]

Basilan

Mindanao

euerythra Sharpe. (p. 179.)

Malay Peninsula

Sumatra

Borneo

Balabac

Palawan

Bongao

Sulu ?²

Calamianes

Tawi Tawi

Mindoro

bournei Steere. (p. 185.)[*malamaui* Steere.³ (p. 184.)]

Basilan

Romblon

Bongao

Sibuyan

Cebu

Siquijor

Malamaui

Sulu

Mindanao

Tablas

Negros

Tawi Tawi

samarensis Steere, List Bds. & Mams. Steere Exp., p. 10 (1890).

Leyte

Samar

¹ I have already recorded my opinion elsewhere that *C. basilanica* Steere is a synonym for *C. mindanensis* (Occ. Papers Minnesota Acad., No. 1, p. 457).—WORCESTER.

² *Ceyx euerythra* is recorded by Sharpe, Hand-List of Birds, p. 353, from the Sulu Islands. This species has been obtained on Bongao and Tawi Tawi, but so far as I can learn has not yet been met with on Sulu.—WORCESTER.

³ As a result of the examination of a series of sixty-six specimens, Bourne and I reached the conclusion that *C. malamaui* Steere was a synonym of *C. bournei* Steere. From the specimens collected by us it was possible to select a practically unbroken series between a bird with a magnificent deep-blue upper surface and a bird with a silvery white upper surface which had not a blue feather on it [Occ. Papers Minnesota Acad., I, No. 1, p. 47 (1894)].—WORCESTER.

HALCYON Swains.

(Sharpe, Cat. Bds., XVII, p. 213,
1892.)

coromandus (*Lath.*). (p. 217.)

Sangi Islands	
Liu Kiu Islands	
Malay Peninsula	
Eastern Himalayas	
Korea	Japan
Formosa	China
Sumatra	Celebes
Java	Borneo
Indo-Chinese countries	
<hr/>	
Calayan	Mindoro
Guimaras	Palawan
Luzon	Sibuyan
Masbate	Tawi Tawi
Mindanao	

gularis (*Kuhl.*). (p. 227.)

Basilan	Mindanao
Cebu	Mindoro
Guimaras	Negros
Leyte	Panaon
Lubang	Panay
Luzon	Samar
Maestro de Campo	Siquijor
Marinduque	Tablas
Masbate	Ticao
	Verde

pileatus (*Bodd.*). (p. 229.)

Ceylon	
Malay Peninsula	
Southern India to Canara	
Java	Borneo
Sumatra	Celebes
Indo-Chinese countries to China and north to Korea	
<hr/>	
Balabac	Palawan
Basilan	Tawi Tawi

winchelli *Sharpe.* (p. 255.)

Basilan	Samar
Bongao	Sibuyan
Cebu	Siquijor
Mindanao	Sulu
Negros	Tablas
Panay	Tawi Tawi
Romblon	

chloris (*Bodd.*). (p. 273.)

Molucca Islands
 Tenimber Islands
 Lesser Sunda Islands
 Sula Islands Celebes
 Java Sumatra
 Mysol Aru Islands

Basilan	Marinduque
Bohol	Masbate
Bongao	Mindanao
Cagayancillo	Mindoro
Cagayan Sulu	Negros
Calamianes	Palawan
Camiguin	Panay
Catanduanes	Romblon
Cebu	Samar
Cuyo	Semirara
Dinagat	Sibay
Fuga	Sibuyan
Guimaras	Siquijor
Leyte	Sulu
Lubang	Tablas
Luzon	Tawi Tawi
Maestro de Campo	Ticao Verde

hombroni (*Bp.*). (p. 284.)

Mindanao

lindsayi (*Vig.*). (p. 286.)

Luzon

moseleyi *Steere.* (p. 288.)

Negros

Suborder BUCEROTES.

Family BUCEROTIDÆ.

HYDROCORAX *Briss.*

(Grant, Cat. Bds., XVII, p. 357,
 1892.)

hydrocorax (*Linn.*). (p. 358.)

Luzon Marinduque

mindanensis (*Tweedd.*). (p. 359.)

Basilan Mindanao

semigaleatus (*Tweedd.*). (p. 360.)

Leyte Samar
 Panaon

ANTHRACOCEROS *Reichenb.*

(Grant, Cat. Bds., XVII, p. 361,
 1892.)

montani (*Oust.*). (p. 370.)

Sulu Tawi Tawi

GYMNOLÆMUS *Grant.*(Grant, Cat. Bds., XVII, p. 370,
1892.)**lemprieri** *Sharpe.*[*marchei* Oust. (p. 370.) *Cf.* Everett,
Ibis, 1895, p. 30.]Balabac Palawan
Calamianes**PENELOPIDES** *Reichenb.*(Grant, Cat. Bds., XVIII, p. 371,
1892.)**panini** (*Bodd.*). (p. 372.)Guimaras Panay
Masbate Ticao
Negros**manillæ** (*Bodd.*). (p. 373.)

Luzon Marinduque

talisi *Finsch*, Notes Leyden Mus., XXIII,
No. 4, pp. 190-193 (1903).

Luzon (Cagayan)

mindorensis *Steere.* (p. 374.)

Mindoro

affinis *Tweedd.* (p. 375.)

Dinagat Mindanao

basilanica *Steere.* (p. 375.)

Basilan

samarensis *Steere.* (p. 376.)

Leyte Samar

CRANORRHINUS *Cab. & Heine.*(Grant, Cat. Bds., XVII, p. 377,
1892.)**leucocephalus** (*Vieill.*). (p. 378.)

Camiguin Mindanao

waldeni *Sharpe.* (p. 380.)Guimaras Panay
NegrosSuborder **MEROPES.**Family **MEROPIDÆ.****MEROPS** *Linn.*(Sharpe, Cat. Bds., XVII, p. 58,
1892.)**americanus** *P. L. S. Müller*, Syst. Nat.

Suppl., p. 95 (1776); teste Sharpe.

[*bicolor* Bodd. (p. 60.)]Cagayancillo Masbate
Calamianes Mindanao
Catanduanes Mindoro
Cebu Negros
Cresta de Gallo
Fuga Panay
Guimaras Samar
Leyte Semirara
Lubang Sibuyan
Luzon Tablas
Marinduque

philippinus Linn. (p. 71.)

Malayan Islands	
Malay Peninsula	
Indian Peninsula	
Indo-Chinese provinces	
Ceylon	Celebes
Basilan	Mindoro
Bazol	Negros
Bohol	Panay
Cebu	Samar
Gulmaras	Sibuyan
Leyte	Siquijor
Luzon	Sulu
Masbate	Tawi Tawi
Mindanao	

Suborder **CAPRIMULGI.**

Family **CAPRIMULGIDÆ.**

Subfamily **CAPRIMULGINÆ.**

LYNCORNIS Gould.

(Hartert, Cat. Bds., XVI, p. 603; id.
Tierr., p. 24.)

macrotis (Vig.). (p. 605.)
[*mindanensis* Tweed. (l. c.)]

Basilan	Mindanao
Luzon	Mindoro

CAPRIMULGUS Linn.

(Hartert, Cat. Bds., XVI, p. 521; id.
Tierr., p. 37.)

griseatus Wald. (p. 550.)

Catanduanes	Negros
Luzon	Sibuyan
Mindoro	

mindanensis (Mearns), Proc. Biol. Soc.
Wash., XVIII, p. 85 (1905).

Mindanao

manillensis Wald. (p. 544.)

Basilan	Negros
Luzon	Palawan
Masbate	Romblon
Mindanao	Ticao
Mindoro	

macrurus Horsf. (p. 537.)

Papuan Islands
Northeastern Australia
Greater Sunda Islands (Java)

Calamianes	Palawan
------------	---------

jotaka Temm. & Schl. (p. 552.)

Northeastern Siberia
China Japan
New Guinea (*winter*)
Indo-Chinese provinces
Malay Peninsula (*winter*)
Greater Sunda Islands (*winter*)

Calayan	Palawan
---------	---------

Suborder **CYPSELL.**Family **MACROPTERYGIDÆ.****MACROPTERYX** *Swains.*

(Hartert, Cat. Bds., XVI, p. 512,
1892; id. Tierreich, Lief. I, p. 63,
1897.)

major *Hartert*, Nov. Zool., IV, p. 11, ex
Dubois.

[*comata* *Temm.*; Cat. Bds., XVI, p. 512,
pt.]

Basilan	Negros
Cebu	Panay
Guimaras	Samar
Luzon	Sibutu
Marinduque	Sulu
Masbate	Tablas
Mindanao	Tawi Tawi
Mindoro	

Family **CYPSELIDÆ.**Subfamily **CHAETURINÆ.****SALANGANA** *Geoffr. St.-Hilaire.*

(*Collocalia* *Gray*; Hartert, Cat Bds.,
XVI, p. 498, 1892; id. Tierr.,
p. 66.)

whiteheadi *Grant*, Ibis, 1895, p. 459.
(Tierr., p. 6.)

Cagayancillo	Sibuyan
Luzon	Palawan
Mindanao	Verde
Mindoro	

lowi (*Sharpe*). (p. 498.)

Northern Borneo	
Nias Island	Sumatra
Palawan	

fuciphaga (*Thunb.*). (p. 498.)

Seychelles Islands
Islands of western Polynesia
Indo-Malayan and Papuan Is-
lands

Cebu	Negros
Luzon	Palawan
Mindanao	Panay
Mindoro	

francica (*Gm.*). (p. 503.)

Mauritius
Solomon Islands
Molucca Islands
Reunion Island
Northern Australia
Southern New Guinea
Islands of western Polynesia

Cagayancillo	Cuyo
Cagayan Sulu	Negros
Calamianes	Panay

inexpectata Hume. (p. 505.)

Andaman Islands
Southern Tenasserim
Western Malay Peninsula

Cagayan Sulu

troglodytes Gray. (p. 507.)

Cebu	Negros
Guimaras	Palawan
Leyte	Panay
Luzon	Romblon
Marinduque	Samar
Masbate	Sibuyan
Mindanao	Siquijor
Mindoro	

linchi Horsf. & Moore. (p. 508.)

Sumatra	
Nicobar Islands	
Andaman Islands	
Malay Peninsula	
Java	Borneo
Bongao	Mindanao
Luzon	Mindoro

marginata Salvad. (p. 508.)

[*cebuensis* Kutter, teste Dubois, Syn.
Av., p. 130.]

Calayan	Masbate
Cebu	Mindoro
Luzon	Sibuyan

CHÆTURA Steph.

(Hartert, Cat. Bds., XVI, p. 470,
1892; id. Tierr., p. 70, 1897.)

gigantea (Temm.). (p. 475.)

Sumatra	
Malay Peninsula	
Java	Borneo
Calamianes	Palawan

celebensis Scl. (p. 476.)

Celebes	
Basilan	Negros

dubia McGregor, Govt. Lab. Publ. No. 34,
p. 15, pl. xii (1905).

Mindoro

picina Tweedl. (p. 487.)

Leyte	Mindanao
-------	----------

Subfamily CYPSELINÆ.

TACHORNIS Gosse.

(Hartert, Cat. Bds., XVI, p. 462,
1892.)

pallidior McGregor, Govt. Lab. Publ. No. 25,
p. 27 (1904).

Luzon	Ticao
-------	-------

Order TROGONES.

Family TROGONIDÆ.

PYROTROGON *Bp.*, *Consp. Av.*, *Zygod.* p. 14
(1854).

[*Harpactes* Swains. (nec. Templeton);
Grant, *Cat. Bds.*, XVII, p. 480, 1892. *Cf.*
Oberholser, *Proc. Philad. Acad.*, 1899, p.
206.]

ardens (*Temm.*). (p. 487.)

Basilan
Dinagat
Leyte
Luzon

Marinduque
Mindanao
Samar

Suborder CUCULI.

Family CUCULIDÆ.

Subfamily CUCULINÆ.

COCCYSTES *Gloger.*

(Shelley, *Cat. Bds.*, XIX, p. 211,
1891.)

coromandus (*Linn.*). (p. 214.)

Malay Peninsula
Burmese countries
Sumatra Borneo
Java Celebes
Indian Peninsula and Ceylon
Southern and central China

Mindanao Siquijor
Palawan

SURNICULUS *Less.*

(Shelley, *Cat. Bds.*, XIX, p. 226,
1891.)

lugubris (*Horsf.*). (p. 227.)

South China
Malay Peninsula
Indian Peninsula
Burmese provinces
Java Borneo
Ceylon Sumatra
Balabac Palawan

velutinus *Sharpe.* (p. 230.)

Basilan Negros
Luzon Samar
Malamaul Sulu
Mindanao Tawi Tawi
Mindoro

HIEROCOCCYX *S. Müll.*

(Shelley, Cat. Bds., XIX, p. 231,
1891.)

sparveroides (*Vig.*). (p. 232.)

Borneo
Eastern Siberia
Malay Peninsula
Indian Peninsula
Burmese provinces
Japan China
Calamianes Negros
Luzon Palawan

fugax (*Horsf.*). (p. 236.)

Greater Sunda Islands (Sumatra, Java, Borneo)

Basilan Mindanao
Cagayancillo Mindoro
Cebu Sulu
Luzon

CUCULUS *Linn.*

(Shelley, Cat. Bds., XIX, p. 240,
1891.)

micropterus *Gould.* (p. 241.)

Sumatra
Malay Peninsula
Indian Peninsula
Andaman Islands
Burmese provinces
Ceylon Java
China Borneo
Japan Ternate

Negros

canorus *Linn.* (p. 245.)

Africa (*winter*)
Europe and northern Asia
Indian Peninsula (*winter*)
Malayan subregion to Australia
(*winter*)

Calayan Siquijor
Palawan

saturatus *Hodgs.*

[*intermedius* Vahl. (p. 252.) Cf. Blanf.,
Faun. Brit. Ind., Birds, III, p. 207
(1895).]

Eastern Siberia
Indian Peninsula
Andaman Islands
Malay Archipelago
Burmese provinces
Northeastern Australia
Japan China
New Guinea New Britain

Mindanao Palawan

PENTHOCERYX *Cab.*

(*Cuculus*, pt., Shelley, Cat. Bds.,
XIX, p. 262, 1891.)

sonnerati *Lath.* (p. 262.)

Malay Peninsula
Indian Peninsula
Burmese provinces
Java Borneo
Ceylon Sumatra
Calamianes Tablas
Palawan Timor

CACOMANTIS *S. Müll.*(Shelley, Cat. Bds., XIX, p. 265,
1891.)**merulinus** (*Scop.*). (p. 268.)

Sumatra	
Malay Peninsula	
Burmese provinces	
Eastern Himalayas	
Northeastern Bengal	
Central India (Ruipor)	
Borneo	Java
Ternate	Celebes

Balabac	Masbate
Basilan	Mindanao
Bohol	Mindoro
Bongao	Negros
Cagayancillo	Palawan
Calamianes	Panay
Catanduanes	Samar
Cebu	Sulu
Leyte	Tablas
Lubang	Tawi Tawi
Luzon	Ticao

CHALCOCOCCYX *Cab.*(Shelley, Cat. Bds., XIX, p. 288,
1891.)**xanthorhynchus** (*Horsf.*). (p. 289.)

Nicobar Islands	
Andaman Islands	
Malay Peninsula	
Indo-Chinese provinces	
Java	Borneo
Assam	Sumatra

Cebu	Palawan
Mindoro	Samar

malayanus (*Raffl.*). (p. 298.)

New Guinea	
Solomon Islands	
Malay Peninsula	
Northern Australia	
Borneo	Timor
Java	Flores
Sumatra	Celebes

Bongao	Negros
Luzon ? ¹	Tawi Tawi
Mindanao	

EUDYNAMIS *Vig. & Horsf.*(Shelley, Cat. Bds., XIX, p. 315,
1891.)**honorata** (*Linn.*). (p. 315.)

Malay Peninsula	
Andaman Islands	
Indian Peninsula	
Burmese provinces	
Ceylon	Java
Sumatra	Flores
China	Borneo

Palawan

¹ Cf. Sharpe's Hand-List of Birds, Vol. II, p. 162, 1900.—WORCESTER.

mindanensis (Linn.). (p. 321.)

Sangi Islands

Basilan	Mindoro
Bongao	Negros
Cagayancillo	Palawan
Calayan	Panay
Cebu	Romblon
Cuyo	Samar
Fuga	Semirara
Guimaras	Sibutu
Leyte	Sibuyan
Luzon	Siquijor
Malanipa	Sulu
Marinduque	Tablas
Masbate	Tawi Tawi
Mindanao	Ticao
Calayan	Fuga

frater McGregor, Bull. Philippine Mus., No. 4, p. 21 (1904).

Subfamily CENTROPODINÆ.

CENTROPUS Illiger.

(Shelley, Cat. Bds., XIX, p. 331, 1891.)

mindorensis (Steere). (p. 339.)

Mindoro Semirara

steerii Bourns & Worcester, Occ. Papers Minnesota Acad., I, No. 1, p. 14 (1894).

Mindoro

sinensis (Steph.). (p. 343.)

Malay Peninsula
Burmese countries
India Java
China Borneo
Ceylon Sumatra

viridis (Scop.). (p. 349.)

Balabac Palawan
Cagayan Sulu Sulu
Luzon Tawi Tawi
Basilan Masbate
Bohol Mindanao
Cagayancillo Mindoro
Calayan Negros
Catanduanes Panay
Cebu Romblon
Dinagat Samar
Fuga Siasi
Guimaras Sibuyan
Leyte Siquijor
Lubang Sulu
Luzon Tablas
Marinduque Ticao

javanicus (Dumont). (p. 354.)

Sumatra
Molucca Islands
Malay Peninsula
Assam Java
Burma Borneo
China Celebes

Bohol Palawan
Calamianes Panay
Cebu Samar
Luzon Semirara
Mindanao Siquijor
Mindoro Sulu
Negros Tawi Tawi

melanops Less. (p. 365.)

Basilan	Nipa
Leyte	Samar
Mindanao	

unirufus (Cab. & Heine). (p. 367.)

Luzon

Subfamily **PHENICOPHAINÆ**.**DRYOCOCCYX** Sharpe.

(Shelley, Cat. Bds., XIX, p. 400, 1891.)

harringtoni Sharpe. (p. 400.)

Balabac	Palawan
Calamianes	

DASYLOPHUS Swains.

(Shelley, Cat. Bds., p. 403, 1891.)

superciliosus (Cuv.). (p. 403.)

Catanduanes	Marinduque
Luzon	

LEPIDOGRAMMUS Reichenb.

(Shelley, Cat. Bds., p. 404, 1891.)

cumingi (Fraser). (p. 404.)

Luzon	Marinduque
-------	------------

Order **SCANSORES**.Suborder **CAPITONES**.Family **CAPITONIDÆ**.**XANTHOLÆMA** Bp.

(Shelley, Cat. Bds., XIX, p. 88, 1891.)

hæmatocephalum (P. L. S. Müll.). (p. 89.)

Malay Peninsula	
Indian Peninsula	
Burmese provinces	
Ceylon	Sumatra

Calamianes ? ¹	Mindanao
Leyte	Mindoro
Luzon	Samar

roseum (Dumont). (p. 96.)

Bali	Sumatra
Java	

Cebu	Negros
Guimaras	Romblon
Masbate	

¹ A barbet, probably *X. hæmatocephalum*, was observed by me in the Calamianes Islands in 1893, but was, unfortunately, not obtained.—WORCESTER.

Order PICIFORMES.

Suborder PICI.

Family PICIDÆ.

Subfamily PICINÆ.

YUNGIPICUS *Bp.*

(Hargitt, Cat. Bds., XVIII, p. 309,
1890.)

maculatus (<i>Scop.</i>). (p. 332.)	Cebu Guimaras	Negros Panay
fulvifasciatus <i>Hargitt.</i> (p. 333.) [<i>basilanicus</i> Steere, List Bds. & Mams. Steere Exp., p. 9 (1890).]	Basilan	Mindanao
menagei <i>Bourns & Worcester</i> , Occ. Papers Minnesota Acad., 1, No. 1, p. 14 (1894.)	Sibuyan	
ramsayi <i>Hargitt.</i> (p. 334.)	Bongao Sulu	Tawi Tawi
validirostris (<i>Blyth.</i>). (p. 332.)	Catanduanes Lubang Luzon	Marinduque Mindoro
leytensis <i>Steere</i> , List Bds. & Mams. Steere Exp., p. 9 (1890).	Leyte	Samar

TIGA *Kaup.*

(Hargitt, Cat. Bds., XVIII, p. 411,
1890.)

everetti <i>Tweedd.</i> (p. 418.)	Balabac Calamianes	Palawan
--	-----------------------	---------

CHRYSOCOLAPTES *Blyth.*

(Hargitt, Cat. Bds., XVIII, p. 442,
1890.)

erythrocephalus <i>Sharpe.</i> (p. 452.)	Balabac Calamianes	Palawan
hæmatribon (<i>Wagl.</i>). (p. 454.)	Luzon	Marinduque
lucidus (<i>Scop.</i>). (p. 455.)	Basilan	Mindanao
rufopunctatus <i>Hargitt.</i> (p. 457, pl. xii.)	Leyte Panaon	Samar
xanthocephalus <i>Wald. & Layard.</i> (p. 457.)	Guimaras Masbate Negros	Panay Ticao

MICROSTICTUS *Hargitt.*

(Hargitt, Cat. Bds., p. 489, 1890.)

fuliginosus (*Twcedd.*). (p. 492.)Leyte
Mindanao

Samar

funebis (*Valenc.*). (p. 492.)Catanduanes
Luzon

Marinduque

MULLERIPICUS *Bp.*¹[*Hemilophus* Swains. (*nec* Serville),
Hargitt, Cat. Bds., XVIII, p. 494,
1890, *Cf.* Oberholser, Proc. Philad.
Acad., 1899, p. 204.]**pulverulentus** (*Temm.*). (p. 494.)Sumatra
Cochin China
Malay Peninsula
Burmese provinces
Northwestern India
Java Borneo
Himalayas (Kumaun to Assam)

Balabac

Palawan

THRIPONAX² *Cab. & Heine, XVIII.*

(Hargitt, Cat. Bds., p. 497, 1890.)

javensis (*Horsf.*). (p. 498.)[*suluensis* W. Blasius, J. f. O. 1890,
p. 140.]Malay Peninsula
Southern Tenasserim
Sumatra Java
Banka BorneoBasilan Mindanao
Bongao Sulu
Cebu Surigao
Lapac Tawi Tawi
Luzon**pectoralis** *Twcedd.* (p. 500, pl. xviii.)Leyte
Panaon

Samar

¹ Sharpe adopts *Alophonerpes* Reichenb., rejecting the earlier name *Mulleripicus* because of its bad formation.—MCGREGOR.² Much uncertainty exists as to the distribution of the Philippine species of the genus *Thriponax*. Sharpe, in his Hand-List of Birds, includes *T. javensis* (*Horsf.*) from Luzon, Negros, Mindanao, and Basilan; *T. suluensis* W. Blasius from Sulu; *T. pectoralis* *Twcedd.* from Leyte and Panaon; *T. philippensis* *Steere* from Panay, Guimaras, and Masbate; *T. hargitti* *Sharpe* from Palawan, and *T. mindorensis* *Steere* from Mindoro. This arrangement leaves entirely out of account the Samar bird, which is undoubtedly typical *T. pectoralis*, as well as the Bongao, Tawi Tawi, and Cebu representatives of the genus.Sharpe has himself identified three specimens from Bongao and Tawi Tawi as *T. javensis* (*Ibis*, Apr., 1894, p. 249), and the specimens collected in Tawi Tawi by Bourns and myself were by us referred to this species [*Oec. Papers* Minnesota Acad., I, No. 1, p. 36 (1894)].

hargitti Sharpe. (p. 505.)

[*philippensis* Steere, List Bds. & Mams.
Steere Exp., p. 8 (1890).]

Guimaras
Masbate
Negros

Panay
Palawan

mindorensis Steere, List Bds. & Mams. Mindoro
Steere Exp., p. 8 (1890).

The name *T. suluensis* has been given to the Sulu representatives of the genus by W. Blasius (J. f. O. 1890, p. 140), who bases his determination on five specimens collected by Platen. He separates *T. suluensis* from *T. javensis* on the ground that the bills and wings of the Sulu birds are shorter than are those of typical representatives of *T. javensis*. If the latter species, which ranges through Borneo, Bongao, Tawi Tawi, and Lapac, really gives way in Sulu to a distinct species only to reappear again in Basilan and Mindanao, it would be remarkable, although perhaps not more remarkable than that *T. javensis* of Mindanao should be replaced by *T. pectoralis* in Panaon, Leyte, and Samar, and should reappear in Luzon. In point of fact, Bourns and I were quite unable to differentiate our Sulu specimens from typical *T. javensis*, and I must therefore decline to recognize *T. suluensis* of Blasius as a valid species.

The question presented by the central Philippine representatives of the genus can not be so readily disposed of. Dr. Steere separated the birds from Guimaras and Masbate under the name of *T. philippensis*, differentiating them from *T. javensis* on the strength of their possessing buffy white rumps and cheeks largely scarlet [List Bds. & Mams. Steere Exp., p. 8 (1890)]. Bourns and I assigned our Panay specimens to this species, which we described somewhat more fully than did Steere [Occ. Papers Minnesota Acad., 1, No. 1, p. 53 (1894)].

Later, however, in preparing our distribution list, having noted that Hargitt, in Volume XVIII of the Catalogue of Birds, did not recognize *T. philippensis*, we discarded the species and recorded all the central Philippine representatives of the genus, including our Negros specimens, under *T. javensis*.

William Eagle Clark unhesitatingly identified an adult male bird collected in Negros by Keay as *T. hargitti* (Ibis, Oct., 1894, p. 534). In Ibis, Oct., 1895, p. 474, Clarke quotes Hargitt's views as to the identity of this specimen. Hargitt failed to reach any definite conclusion, but suggested that it resembled *T. philippensis* more closely than *T. hargitti*, and added that he regarded the only other specimen that he had seen from Negros as *T. javensis*.

Grant (Ibis, Oct., 1894, p. 473) asserts that *T. philippensis* Steere is identical with *T. hargitti* Sharpe, and later reiterates this statement (Ibis, Oct., 1896, p. 558), but adds to our confusion by saying that the bird from Negros recorded by Hargitt under the name of *T. javensis* (Cat. Bds., XVIII, p. 500, specimen X) should, in his opinion, be referred to *T. pectoralis*, all the feathers of its breast being widely margined with whitish buff. Finally Clark (Ibis, Jan., 1898, p. 121) identifies three additional specimens from Negros as *T. hargitti*.

As above noted, Sharpe, in his Hand-List of Birds, refers the Negros birds to *T. javensis* and retains Steere's *T. philippensis*, to which species he refers the birds from Panay, Guimaras, and Masbate.

The question of the identity of the central Philippine representatives of the genus can hardly be satisfactorily settled without comparing a good series of specimens with a similar series from Palawan. Meanwhile, in view of Grant's positive statement that the types of *T. hargitti* and *T. philippensis* have been compared and agree in all particulars, I refer the central Philippine representatives of the genus to this species.—WORCESTER.

Order EURYLÆMIFORMES.

Family EURYLÆMIDÆ.

Subfamily EURYLÆMINÆ.

SARCOPHANOPS *Sharpe.*(Selater, Cat. Bds., XIV, p. 462,
1888.)

steerei <i>Sharpe.</i> (p. 462.)	Basilan Dinagat	Mindanao
samarensis <i>Steere</i> , List Bds. & Mams. Steere Exp., p. 23 (1890).	Leyte	Samar

Order PASSERIFORMES.

Suborder MESOMYODI.

Family PITTIDÆ.

PITTA *Vieill.*(Selater, Cat. Bds., XIV, p. 413,
1888.)

erythrogaster <i>Temm.</i> (p. 432.)	Basilan Bongao Cagayancillo Calamianes Cebu Guimaras Lubang Luzon Marinduque Masbate Mindanao Mindoro	Palawan Panay Romblon Samar Sibutu Sibuyan Siquijor Sulu Tablas Tawi Tawi Ticao
propinqua <i>Sharpe.</i> (p. 433.)	Palawan	
kochi <i>Brüggem.</i> (p. 433.)	Luzon	
atricapilla <i>Less.</i> (p. 438.)	Balabac Basilan Bongao Calamianes Cebu Luzon Marinduque Mindanao Mindoro Negros	Palawan Romblon Samar Semirara Sibuyan Siquijor Sulu Tablas Tawi Tawi
mülleri <i>Bp.</i> (p. 439.)	Banka Borneo Sibutu	Sumatra
steeri <i>Sharpe.</i> (p. 442.)	Samar	Mindanao

Suborder **ACROMYODI.**Family **HIRUNDINIDÆ.**Subfamily **HIRUNDININÆ.****CHELIDONARIA** *Reichenow.*

(Reichenow, J. f. O. 1889, p. 187.)

(*Chelidon* Boie (*nec* Forst.);

Sharpe, Cat. Bds., X, p. 85, 1885.)

dasypus (*Bp.*). (p. 91.)

Japan

Borneo (*winter*)

Calayan

CLIVICOLA *Forster.*

(Cotile Boie; Sharpe, Cat. Bds., X,

p. 96, 1885.)

riparia (*Linn.*). (p. 96.)

Northern Asia

Africa (*winter*)

Northern America

Europe China

Indian Peninsula (*winter*)Indo-Burmese countries (*winter*)Central and southern America
(*winter*)

Calayan

sinensis (*J. E. Gray*). (p. 104.)

Formosa

Southern China

Indian Peninsula (*winter*)Indo-Chinese countries (*winter*)Luzon (*winter*)**HIRUNDO** *Schaeffer* (ex Linn.)

(Sharpe, Cat. Bds., X, p. 123, 1885;

Sharpe, & Wyatt, Monogr. Hi-

rund., I, p. 209.)

rustica *Linn.* (p. 128.)

Europe

Northern Asia

Africa (*winter*)

Indian Peninsula

Manchuria China

Indo-Chinese provinces

Malay Peninsula (*winter*)

Mindanao

Palawan

gutturalis Scop. (p. 134.)

Malay Peninsula
 Malay Archipelago
 Indo-Chinese provinces
 Southern China (*winter*)
 Central and eastern Siberia
 Northern Australia (*winter*)
 Kamtchatka China
 Japan New Guinea

Basilan	Mindanao
Cagayan Sulu	Mindoro
Calayan	Palawan
Cuyo	Panay
Fuga	Semirara
Guimaras	Sibay
Luzon	Siquijor
Maestro de Sulu	
Campo	Ticao

javanica Sparrm. (p. 142.)

New Guinea
 Southern India
 Molucca Islands
 Malay Peninsula
 Islands of Torres Straits
 Java Borneo
 Ceylon Sumatra

Basilan	Mindanao
Bohol	Mindoro
Cagayan Sulu	Negros
Calamianes	Palawan
Catanduanes	Panay
Cebu	Romblon
Cuyo	Samar
Dinagat	Sibutu
Guimaras	Sibuyan
Leyte	Siquijor
Lubang	Sulu
Luzon	Tawi Tawi
Marinduque	Ticao
Masbate	

striolata Boie. (p. 161.)

Formosa
 Southern China
 Burmese provinces
 Java Flores
 Assam Cachar

Calayan	Masbate
Luzon	

Family MUSCICAPIDÆ.

HEMICHELIDON *Hodgs.*

(Sharpe, Cat. Bds., IV, p. 111, 1879.)

sibirica (Gm.). (p. 120.)

Japan
 China (*winter*)
 Eastern Siberia
 Altai Mountains

Palawan

griseisticta (*Swinh.*). (p. 153.)

New Guinea
Celebes (*winter*)
Ussuri Land (*Sidemi*)
Molucca Islands. (*Winter*:
Batchian, Halmahera, Moro-
tai, Ceram)

Japan	China
Cagayancillo	Masbate
Cagayan Sulu	Mindoro
Calamianes	Negros
Calayan	Palawan
Catanduanes	Panay
Cuyo	Siquijor
Lubang	Tawi Tawi
Luzon	

ferruginea *Hodgs.* (p. 132.)

[*cinereiceps* Sharpe, *Ibis*, 1887, p. 141;
Cf. Sharpe, *Ibis*, 1894, p. 541.]

Khasi Hills
Southern China
Northern Borneo
Burmese provinces
Eastern Himalayas (Nepal, Si-
khim)
Assam

Sumatra

Palawan

ALSEONAX *Cab.*

(Sharpe, *Cat. Bds.*, IV, p. 126, 1879.)

latirostris (*Raffles*). (p. 127.)

Ceylon
Indian Peninsula
Burmese provinces
Greater Sunda Islands
Molucca Islands (Buru)
Eastern Siberia (Sakalin)
Japan

China

Bongao ?¹ Sulu ?¹
Negros

CYORNIS *Blyth.*

(*Siphia*, pt., Sharpe, *Cat. Bds.*, IV,
p. 441, 1879). [*Cf.* Oates, *Faun.*
Brit. Ind., Birds, II, p. 11
(1890).]

herioti *Wardlaw-Ramsay*, *Ibis*, 1886, p. 159
(♀).

[*enganensis* Grant, *Bull. B. O. C.*, IV,
p. ii (1895). *Cf.* Sharpe, *Bull. B. O.*
C., XI, p. 60 (1901).]

Luzon

banyumas (*Horsf.*). (p. 449.)

Java

Luzon (Mariveles)
Palawan

¹ Sharpe records *A. latirostris* from Bongao and Sulu [*Hand-List of Birds*, Vol. III, p. 206 (1901)]. In his list of the birds of the Sulu Archipelago published in *Ibis*, April, 1894, pp. 257-259, he does not include this species.

philippinensis <i>Sharpe</i> . (p. 450.)	Basilan	Panay
[= <i>simplex</i> <i>Blyth</i> , <i>Ibis</i> , 1870, p. 165,	Bongao	Romblon
teste <i>Finsch in litt.</i>]	Cebu	Samar
	Dinagat	Semirara
	Guimaras	Sibutu
	Leyte	Sibuyan
	Luzon	Siquijor
	Marinduque	Sulu
	Masbate	Tablas
	Mindanao	Tawi Tawi
	Mindoro	Ticao
	Negros	

lemprieri <i>Sharpe</i> , <i>Ibis</i> , 1884, p. 319.	Balabac	Palawan
[<i>ramsayi</i> <i>W. Blasius</i> , <i>Ornis</i> , 1888, p. 308.	Calamianes	
<i>Cf.</i> <i>Everett</i> , <i>Ibis</i> , 1895, p. 25.]		

erythaca <i>Sharpe</i> , <i>Ibis</i> , 1888, p. 199.	Palawan
[<i>platenæ</i> <i>Blasius</i> , <i>Ornis</i> , 1888, p. 308.]	

MUSCICAPULA *Blyth*.

(*Sharpe*, *Cat. Bds.*, IV, p. 203, 1879.)

[*Dendrobiastes* *Sharpe*, *Tr. Linn. Soc.*, (2)
I, p. 332 (1876).]

samarensis <i>Bourne & Worcester</i> , <i>Occ. Papers</i> <i>Minnesota Acad.</i> , I, p. 24 (1894).	Samar	
luzoniensis <i>Grant</i> , <i>Ibis</i> , 1894, p. 505.	Calayan	Mindoro
	Luzon	Negros ?
nigrorum <i>Whitehead</i> , <i>Bull. B. O. C.</i> vi, p. xliii (1897).	Negros	
montigena <i>Mearns</i> , <i>Proc. Biol. Soc. Wash.</i> , XVIII, p. 8 (1905).	Mindanao	
basilanica <i>Sharpe</i> , <i>Tr. Linn. Soc.</i> , 2d ser. i, p. 332 (1876).	Basilan	Mindanao
[<i>mindanensis</i> <i>W. Blasius</i> , <i>J. f. O.</i> 1890, p. 147. <i>Cf.</i> <i>Sharpe</i> , <i>Bull. B. O. C.</i> xi, p. 60 (1901).]		
westermanni <i>Sharpe</i> , <i>P. Z. S.</i> , 1888, p. 270.	Malay Peninsula (Mountains of Perak) Mountains of northwestern Borneo and Celebes	
	Luzon	Negros
	Mindanao	

GERYGONE *Gould*.

(*Sharpe*, *Cat. Bds.*, IV, p. 211, 1879.)

simplex <i>Cab.</i> (p. 214.)	Lubang	Mindoro
	Luzon	Verde
rhizophoræ <i>Mearns</i> , <i>Proc. Biol. Soc. Wash.</i> , XVIII, p. 7 (1905).	Bongao ? ¹	Sulu ? ¹
	Mindanao	

¹ Sulu and Bongao birds probably belong to the race *rhizophoræ*. *Guillemard* refers his Sulu birds to *flavcola*. *Cf.* *P. Z. S.*, 1885, p. 263.—McGREGOR.

XANTHOPYGIA *Blyth.*

(Sharpe, Cat. Bds., IV, p. 249, 1879.)

narcissina (*Temm.*). (p. 249.)

Japan	Chiua
Northern Borneo	(<i>winter</i>)
Mindanao	Mindoro

CYANOPTILA *Blyth.*(*Xanthopygia* pt., Sharpe, Cat. Bds., IV, p. 249, 1879.)*bella* (A. Hay). (p. 251.)[*Muscicapa cyanomelana* Temm., nec *M. cyanomelas* Vieill.]

[Cf. Stejn., Pr. U. S. Nat. Mus., xv, p. 328 (1892).]

Northwestern Borneo
Japan
China
Indo-Chinese countries
Palawan (<i>winter</i>)

HYPOTHYMIS *Boie.*

(Sharpe, Cat. Bds., IV, p. 273, 1879.)

occipitalis (*Vig.*). (p. 275.)

Nicobar Islands	
Malay Peninsula	
Java	Flores
Formosa	Hainan
Borneo	Lombok
Basilan	Mindoro
Bohol	Negros
Bongao	Palawan
Calamianes	Panay
Cebu	Romblon
Gulmaras	Samar
Leyte	Sibutu
Lubang	Sibuyan
Luzon	Siquijor
Maestro de Sulu	
Campo	Tablas
Malanipa	Tawi Tawi
Marinduque	Ticao
Masbate	Verde
Mindanao	

superciliaris *Sharpe.* (p. 278.)

Basilan	Mindanao
---------	----------

samarensis *Steerc*, List Bds. & Mams. Philippine Exp., p. 16 (1890).

Leyte	Samar
-------	-------

CYANOMYIAS *Sharpe.*

(Sharpe, Cat. Bds., IV, p. 273, 1879.)

coelestis (*Tweedd.*). (p. 278.)

Basilan	Mindanao
Dinagat	Sibuyan
Luzon	

helenæ *Steere*, List Bds. & Mams. Philippine Exp., p. 16 (1890).

Samar

RHIPIDURA *Vig. & Horsf.*

(Sharpe, Cat. Bds., IV, p. 303, 1879.)

[*Cf.* Büttik. Notes Leyden

Mus., xv, p. 65 (1893).]

cyaniceps (*Cass.*). (p. 323.)

Luzon

sauli *Bourns & Worcester*, Oec. Papers Minnesota Acad., I, No. 1, p. 26 (1894).

Tablas

nigrocinnamomea *Hartert*, Bull. B. O. C., XIV, p. 12 (1903).

Mindanao

albiventris *Sharpe*. (p. 324.)Guimaras
Masbate
NegrosPanay
Ticao**nigritorquis** *Vig.* (p. 334.)Basilan
Bohol
Bongao
Calamianes
Cebu
Cuyo
Dinagat
Guimaras
Lubang
Luzon
Marinduque
Masbate
Mindanao
Mindoro
Negros
Palawan
Panay
Romblon
Samar
Siasi
Sibuyan
Siquijor
Sulu
Tablas
Tawi Tawi
Ticao
Verde**ZEOCEPHUS** *Bp.*

(Sharpe, Cat. Bds., IV, p. 342, 1879.)

rufus (*Gray*). (p. 343.)Cebu
Lubang
Luzon
Marinduque
Mindoro
Negros
Panay
Romblon
Samar
Sibuyan
Tablas**cinnamomeus** *Sharpe*. (p. 343.)Basilan
Bongao
Mindanao
Sulu
Tawi Tawi**cyanescens** *Sharpe*. (p. 343.)Calamianes
Palawan**CALLAEOPS** *Grant.*

(Grant, Bull. B. O. C., IV, pp. xviii, xxii, 1895.)

periophthalmica *Grant.* (l. c.)

Luzon

TERPSIPHONE *Gloger.*

(Sharpe, Cat. Bds., IV, p. 344, 1879.)

affinis (*Blyth.*). (p. 349.)

Malay Peninsula	
Eastern Himalayas	
Indo-Chinese provinces	
Assam	Java
Borneo	Sumatra

Luzon

RHINOMYIAS *Sharpe.*

(Sharpe, Cat. Bds., IV, p. 367, 1879.)

albigularis *Bourne & Worcester*, Occ. Papers
Minnesota Acad., I, No. 1, p. 27 (1894).

Guimaras Negros

ruficauda (*Sharpe*). (p. 368.)
[*samarensis* Steere, List. Bds. & Mams.
Steere Exp., p. 16 (1890).]

Basilan	Mindanao
Leyte	Samar

ocularis *Bourne & Worcester*, Occ. Papers
Minnesota Acad., I, No. 1, p. 28 (1894).

Sulu Tawi Tawi

insignis *Grant*, Bull. B. O. C., IV, p. xl
(1895); *id.* *Ibis*, 1895, p. 442, pl. xii, fig. 2.

Luzon

CULICICAPA *Swinh.*

(Sharpe, Cat. Bds., IV, p. 369, 1879.)

ceylonensis (*Swinh.*). (p. 369.)

Khasi Hills	
Indian Peninsula	
Mountains of northwestern Borneo	
Malay Peninsula (Mountains of Perak)	
Ceylon	Java

Palawan

helianthea (*Wall.*). (p. 370.)
[*panayensis* Sharpe. (p. 371.)]

Celebean Sea	Celebes
Banggal and Saleyer Islands	

Bongao	Negros
Cebu	Palawan
Leyte	Panay
Luzon	Tawi Tawi
Mindanao	

CRYPTOLOPHA *Swains.*

(Sharpe, Cat. Bds., IV, p. 393, 1879.)

[*Cf.* Oates, Faun. Brit. Ind.,
Birds, I, p. 421, 1889.]*cebuensis* *Dubois*, Syn. Av. p. 286 (1900).
[*flavicularis* *Bourne & Worcester*, Occ.
Papers Minnesota Acad., I, No. 1, p. 23
(1894, nec *Godw.-Aust.*).]

Cebu

montis Sharpe, Ibis, 1887, p. 442.

Sumatra
Mountains of northwestern Borneo

Palawan

xanthopygia Whitehead, Bull. B. O. C., I, p. xxxi (1893); id. Exped. Kina Balu, pl. 16, fig. 2 (1893).

Palawan

mindanensis Hartert, Bull. B. O. C., XIV, p. 12 (1903).

Mindanao

ABRORNIS *Hodgs.*

(*Cryptolopha*, pt., Sharpe, Cat. Bds., IV, p. 393, 1879.)

nigrorum (Moseley), Ibis, 1891, p. 47, pl. ii, fig. 1.

Luzon
Mindoro

Negros

olivacea Moseley, Ibis, 1891, p. 47, pl. ii, fig. 2.

Leyte
Luzon
Mindanao
Negros

Samar
Sulu
Tawi Tawi

EUMYIAS *Cab.*¹

(*Stoparola* Blyth; Sharpe, Cat. Bds., IV, p. 435, 1879.)

panayensis (Sharpe). (p. 440.)

Negros

Panay

nigrientalis (Grant), Bull. B. O. C., III, p. 50 (1894); id., Ibis, 1894, p. 507, pl. xiv, fig. 2.

Luzon

Mindoro

nigriloris (Hartert), Bull. B. O. C., XIV, p. 80 (1904).

Mindanao

Family CAMPOPHAGIDÆ.

ARTAMIDES *Hartl.*

(Sharpe, Cat. Bds., IV, p. 8, 1879.)

dificilis Hartert, Nov. Zool., II, p. 470 (1895).

Balabac
Calamianes

Palawan

guillemardi Salvad., Ibis, 1886, p. 154.
[*pollens* (nec Salvad.) Guillem., P. Z. S., 1885, p. 258.]

Bongao
Lapac
Sibutu

Sulu
Tawi Tawi

striatus (Bodd.). (p. 18.)

Lubang

Luzon

kochi Kutter, Orn. Centralbl., 1882, p. 183;
J. f. O. 1883, p. 163.

Basilan
Leyte
Mindanao

Nipa
Panaon
Samar

[*mindanensis* Steere, List Bds. & Mams.
Steere Exp., p. 14 (1890).]

¹ "Stoparola Blyth, 1836 means something else!"—RICHMOND.

panayensis <i>Steere</i> , List. Bds. & Mams. Steere Exp., p. 14 (1890).	Guimaras Masbate Negros	Panay Ticao
mindorensis <i>Steere, t. c.</i> , p. 14 (1890).	Mindoro	Tablas
cebuensis <i>Grant</i> , Ibis, 1898, p. 535.	Cebu	

EDOLIISOMA *Jacq. & Pucher.*

(Sharpe, Cat. Bds., IV, p. 42, 1879.)

cærulescens (<i>Blyth</i>). (p. 44.)	Luzon	
alterum <i>Wardlaw-Ramsay</i> , Ibis, 1881, p. 34.	Cebu	
panayense <i>Steere</i> , List Bds. & Mams. Steere Exp., p. 14 (1890).	Guimaras Negros	Panay
everetti <i>Sharpe</i> , Bull. B. O. C., III, p. x (1893).	Bongao Sulu	Tawi Tawi
mindanense (<i>Twedd.</i>) (P. Z. S., 1878, p. 947); <i>Sharpe</i> , Cat. Bds., IV, p. 470 (1879).	Basilan	Mindanao
elusum <i>McGregor</i> , Govt. Lab. Publ. No. 34, p. 19 (1905).	Mindoro	

PERICROCOTUS *Boie.*

(Sharpe, Cat. Bds., IV, p. 70, 1879.)

marchesæ <i>Guillem.</i> , P. Z. S., 1885, p. 259, pl. xviii, fig. 1.	Sulu	
novus <i>McGregor</i> , Bull. Philippine Mus., No. 3, p. 13 (1904); <i>W. Ramsay</i> , Ibis, 1886, p. 161.	Luzon	Negros
leytensis <i>Steere</i> , List Bds. & Mams. Steere Exp., p. 15 (1890).	Leyte	Samar
igneus <i>Blyth</i> . (p. 78.)	Western China Malay Peninsula Southern Tenasserim Sumatra	Borneo
	Palawan	
cinereus <i>Lafr.</i> (p. 83.)	China Pegu (<i>winter</i>) Eastern Siberia Borneo (<i>winter</i>) Malay Peninsula (<i>winter</i>)	
	Calayan Luzon	Mindoro Palawan

LALAGE *Boie.*

(Sharpe, Cat. Bds., IV, p. 86, 1879.)

melanoleuca (<i>Blyth.</i>) ¹ (p. 91.) [<i>Cf.</i> Wardlaw-Ramsay, Ibis, 1884, p. 334.]	Luzon Mindoro	Semirara ? ¹
minor (<i>Steere</i>), List Bds. & Mams. Steere Exp., p. 15 (1890).	Mindanao Leyte	Samar
niger (<i>Forster</i>). [<i>terat</i> Bodd.; Sharpe, Cat. Bds., IV, p. 95.]	Sumatra Malay Peninsula Java Nicobar Islands (Camorta, Nan- cowry)	Borneo
	Basilan	Mindanao
	Bobol	Mindoro
	Cagayancillo	Negros
	Cagayan Sulu	Palawan
	Calamianes	Panay
	Catanduanes	Romblon
	Cebu	Samar
	Cuyo	Sibay
	Guimaras	Sibuyan
	Leyte	Siquijor
	Lubang	Sulu
	Luzon	Tablas
	Marinduque	Ticao
	Masbate	

Family **PYCNONOTIDÆ.****ÆGITHINA** *Vicill.*

(Sharpe, Cat. Bds., VI, p. 4, 1881.)

viridis (<i>Bp.</i>). (p. 11.)	Sumatra	Borneo
	Palawan	

CHLOROPSIS *Jard. & Selby.*

(Sharpe, Cat. Bds., VI, p. 15, 1881.)

palawanensis <i>Sharpe.</i> (p. 33.)	Balabac Calamianes	Palawan
flavipennis (<i>Twedd.</i>) (p. 34.)	Cebu	Mindanao ? ²

¹ A bird seen by me on Semirara in April, 1905, but not killed, was in all probability *L. melanoleuca*.—WORCESTER.

² *Chloropsis flavipennis* is listed by W. Blasius among the birds collected by Dr. Platen at Davao, in Mindanao, in the summer of 1889 (J. f. O., April, 1890, p. 145). The failure of any other collector to find any representative of this genus in Mindanao is so remarkable that it leads me to doubt the correctness of this record which Sharpe does not recognize in his Hand-List of Birds.—WORCESTER.

IRENA *Horsf.*

(Sharpe, Cat. Bds., VI, p. 174, 1881.)

cyanogaster *Vig.* (p. 175.)

Luzon

ellæ *Steere*, List Bds. & Mams. Steere Exp.,
p. 18 (1890).

Leyte

Samar

melanochlamys *Sharpe.* (p. 170.)

Basilan

Mindanao

tweeddalii *Sharpe.* (p. 178.)Balabac
Calamianes

Palawan

HYPsipETES *Vig.*

(Sharpe, Cat. Bds., VI, p. 35, 1881.)

fugensis *Grant*, Bull B. O. C., V, p. ii (1895);
id. *Ibis*, 1896, p. 113.

Calayan

Fuga

IOLÉ *Blyth.*

(Sharpe, Cat. Bds., VI, p. 54, 1881.)

striaticiceps *Sharpe*, *Ibis*, 1888, p. 200.

Palawan

everetti *Twcedd.* (p. 57.)Mindanao
Dinagat
LeytePanaon
Samar**haynaldi** *Blasius*, J. f. O., 1890, p. 141;
Sharpe, *Ibis*, 1894, p. 253.Bongao
SibutuSulu
Tawi Tawi**rufigularis** (*Sharpe*). (p. 57, pl. iii.)

Basilan

Mindanao

philippensis (*Gm.*). (p. 58.)Bohol
Cebu
Leyte
Lubang
LuzonMarinduque
Mindanao
Panaon
Samar**guimarasensis** *Steere*, Bds. & Mams. Steere
Exp., p. 19 (1890).Guimaras
Masbate
NegrosPanay
Ticao
Verde**mindorensis** *Steere*, List. Bds. & Mams.
Steere Exp., p. 19 (1890).

Mindoro

Semirara

[*schmackeri* Hartert, J. f. O., 1890, p.
155.]**siquijorensis** *Steere*, op. cit. p. 19 (1890).

Siquijor

cinereiceps *Bourns & Worcester*, Occ. Papers
Minnesota Acad., 1, No. 1, p. 25 (1894).

Romblon

Tablas

monticola *Bourns & Worcester*, l. c.

Cebu

POLIOLOPHUS *Sharpe.*(Sharpe, Tr. Linn. Soc. (2) i, p. 334,
1876.)**urostictus** (*Salvad.*). (p. 63.)[*basilanicus* *Steere*, List. Bds. & Mams.
Steere Exp., p. 19 (1890).]Basilan
Catanduanes
Dinagat
LeyteLuzon
Mindanao
Panaon
Samar

MICROTARSUS *Eyton.*

(*Micropus* Swains., *nec* Linn.;
Sharpe, Cat. Bds., VI, p. 64,
1881.)

melanocephalus (*Gm.*). (p. 66.)

Sumatra
Malay Peninsula
Burmese Provinces
Eastern Bengal (Dacca, Tip-
pera)
Java Borneo
Palawan

CRINIGER *Temm.*

(Sharpe, Cat. Bds., VI, p. 70, 1881.)

frater *Sharpe.* (p. 79, pl. v.)

Balabac Palawan
Calamianes

palawanensis *Twedd.* (p. 83, pl. vi, fig. 2.)

Palawan

PYCNONOTUS *Boie.*

(Sharpe, Cat. Bds., VI, p. 120, 1881.)

[*Pachycephalirus* & *Stictognathus*,
Büttik. Notes Leyden Mus., xvii,
p. 249 (1896).

Gymnocrotaphus & *Bonapartea*,
Büttik., *op. cit.* xvii, p. 246,
xviii, p. 58.]

goiavier (*Scop.*). (p. 141.)

Basilan Negros
Bobol Nipa
Cebu Panay
Gulmaras Romblon
Leyte Samar
Luzon Sulu
Marinduque Tablas
Masbate Ticao
Mindanao Verde
Mindoro

cinereifrons *Twedd.* (p. 153.)

Calamianes Palawan

Family **TIMELIIDÆ.**Subfamily **TIMELIINÆ.****PSEUDOTHARRHALEUS** *Grant.*

(Grant, Bull. B. O. C., IV, p. xl,
1895.)

caudatus *Grant, l. c.*

Luzon

unicolor *Hartert*, Bull. B. O. C., XIV, p. 74
(1904).

Mindanao

griseipectus *Mearns*, Proc. Biol. Soc. Wash.,
XVIII, p. 2 (1905). Mindanao

TURDINUS *Blyth*.

(Sharpe, Cat. Bds., VII, p. 539,
1883.)

[*Cf.* Büttik. Notes Leyden Mus.
XVII, p. 68 (1895). *Mala-*
cocincla Büttik. *t. c.* p. 79,
Illadopsis Büttik, *t. c.* p.
98.]

rufifrons *Tweedd.* (p. 546.) Balabac Palawan
[*Malacopteron palawanense* Büttik.
Notes Leyden Mus. XVII, p. 104
(1895).]

PTILOCICHLA *Sharpe*.

(Sharpe, Cat. Bds., VII, p. 586,
1883.)

falcata *Sharpe.* (p. 586.) Balabac Palawan

basilanica *Steere*, List. Bds. & Mams. Steere
Exp., p. 18 (1890); *id.* Ibis, 1891, pl. vii. Basilan

mindanensis *Steere, l. c.; Cf.* Blasius, J. f. O.
1890, p. 146. Mindanao

minuta *Bourne & Worcester*, Occ. Papers
Minnesota Acad., I, No. 1, p. 24 (1894). Samar

ANUROPSIS *Sharpe*.

(Sharpe, Cat. Bds., VII, p. 588,
1883.)

cinereiceps (*Tweedd.*). (p. 590.) Balabac Palawan

DASYCROTAPHA *Tweedd.*

(Sharpe, Cat. Bds., VII, p. 574,
1883.)

speciosa *Tweedd.* (p. 574.) Negros
35916—6

ZOSTERORNIS *Grant.*(Grant, Bull. B. O. C., III, p. i,
1894.)

striata <i>Grant, l. c.</i> , p. ii (1894); id. Ibis, 1895, pl. iv, fig. 1.	Luzon	
whiteheadi <i>Grant, l. c.</i> , p. i (1894); id. Ibis, 1894, pl. xv, fig. 1.	Luzon	
pygmæa <i>Grant, Bull. B. O. C.</i> , vi, p. xviii (1896); id. Ibis, 1897, pl. vi, fig. 1.	Leyte	Samar
plateni (<i>W. Blasius</i>), <i>J. f. O.</i> , 1890, p. 147.	Mindanao	
capitalis (<i>Twedd.</i>). (p. 582.)	Basilan Dinagat Leyte	Mindanao Panaon
nigrocapitata (<i>Steere</i>), <i>List. Bds. & Mams.</i> <i>Exp. Philipp.</i> , p. 17 (1890).	Luzon? ¹	Samar
dennistouni <i>Grant, Bull. B. O. C.</i> , V, p. ii (1895); id. Ibis, 1896, pl. iii, fig. 2.	Luzon	

MIXORNIS *Hodgs.*(Sharpe, *Cat. Bds.*, VII, p. 575,
1883.)

woodi <i>Sharpe.</i> (p. 577.)	Balabac	Palawan
cagayanensis <i>Guillem.</i> , <i>P. Z. S.</i> , 1885, p. 419, pl. xxv.	Cagayan Sulu	

MACRONUS *Jard. & Selby.*(Sharpe, *Cat. Bds.*, VII, p. 583,
1883.)

striaticeps <i>Sharpe.</i> (p. 584.)	Basilan	
mindanensis <i>Steere, List. Bds. & Mams.</i> <i>Steere Exp.</i> , p. 17 (1890).	Dinagat Leyte	Mindanao Samar
montanus <i>Mearns, Proc. Biol. Soc. Wash.</i> , XVIII, p. 4 (1905).	Mindanao	
kettlewelli <i>Guillem.</i> , <i>P. Z. S.</i> , 1885, p. 262, pl. xviii, fig. 2.	Bongao Sulu	Tawi Tawi

¹ A single specimen of *Zosterornis*, obtained at Mariveles, in the Province of Bataan, Island of Luzon, can not be differentiated from *Z. nigrocapitata* heretofore recorded from Samar and Leyte without specimens for actual comparison. While it may be ultimately proven to belong to an undescribed species, it has been provisionally assigned by McGregor to *Z. nigrocapitata* [*Govt. Lab. Publ. No. 34*, p. 29 (1905)].

Subfamily **BRACHYPTERYGINÆ.****BRACHYPTERYX** *Horsf.*

(Sharpe, Cat. Bds., VII, p. 25, 1883.)

[*Callene*, pt., Sharpe, t. c. 15.*Cf.* Oates, Faun. Brit. Ind.,
Birds, I, p. 185.]**brunneiceps** *Grant*, Ibis, 1896, p. 547.

Negros

poliogyna *Grant*, Bull. B. O. C., IV, p. xl
(1895); id. Ibis, pl. xii, fig. 1.

Luzon

Mindoro

mindanensis *Mearns*, Proc. Biol. Soc. Wash.,
XVIII, p. 3 (1905).

Mindanao

LEONARDINA *Mearns.*(*Leonardia* Mearns, 1905, *nec* Tapparene-Canefri (1890).)[*Cf.* Mearns, Proc. Biol. Soc.
Wash., XVIII, p. 88
(1905).]**woodi** *Mearns*, Proc. Biol. Soc. Wash., XVIII,
p. 2 (1905).

Mindanao

Family **TURDIDÆ.**Subfamily **TURDINÆ.****MERULA** *Leach.*

(Seebohm, Cat. Bds., V, p. 232, 1881.)

nigrorum (*Grant*), Ibis, 1896, p. 544.

Negros

thomassoni *Seebohm*, Bull. B. O. C., III, p.
li (1894).

Luzon

mindorensis (*Grant*), Ibis, 1896, p. 465.

Mindoro

kelleri *Mearns*, Proc. Biol. Soc. Wash., XVIII,
p. 6 (1905).

Mindanao

GEOCICHLA *Temm.*

(Seebohm, Cat. Bds., V, p. 147,
1881.)

interpres (*Temm.*). (p. 166.)

[*avensis* Gray (p. 167). *Cf.* Oates, Fauna
Brit. India II, p. 138, 1890.]

Malay Peninsula
Northwestern Borneo
Sumatra Java
Lombok Sumbawa

Basilan Tawi Tawi
Sulu

cinerea *Bourne & Worcester*, Occ. Papers
Minnesota Acad., I, No. 1, p. 23 (1894).

Mindoro

OREOCICHLA *Gould.*

(*Geocichla* pt. Seebohm, Cat. Bds.,
V, p. 147, 1881.)

[*Cf.* Seebohm, Monogr. Turdi-
dæ, I, pp. 1-32.]

varia (*Pall.*). (p. 151.)

[*hancei* Swinh. (p. 153.)]

Japan
China (*winter*)
Burma (*winter*)
Accidental in Europe
Western and eastern Siberia

Luzon

TURDUS *Linn.*

(Seebohm, Cat. Bds., V, p. 184,
1881.)

pallidus *Gm.* (p. 274.)

Japan
Formosa (*winter*)
Southern China (*winter*)
Eastern Siberia (Amur-land
and Ussuri-land)

Calayan

chrysolaus *Temm.* (p. 275.)

China (*winter*)
Formosa (*winter*)
Japan Hainan
Eastern Siberia (Ussuri-land,
Sakhalin)

Calayan Luzon

obscurus *Gm.* (p. 273.)

Japan
China (*winter*)
Borneo (*winter*)
Burma (*winter*)
Malay Peninsula
Eastern Himalayas
Eastern Siberia (Yenesl to
Amur)

Calayan Luzon
Guimaras Negros

PETROPHILA Swains.

(*Monticola* pt. Seebohm, Cat. Bds.,
V, p. 312.)

[*Cf.* Oates, Fauna Brit. India,
Bds., I, p. 142, 1889.]

manilla Bodd.

[*solitaria* (P. L. S. Müll., *nec* Linn.).
(p. 319.)] [*teste* Stejneger *in litt.*]

Japan
Eastern Siberia
Southern China (*winter*)
Malay Archipelago (*winter*)
Burmese Provinces (*winter*)

Agutaya	Negros
Balabac	Palawan
Basilan	Panaon
Cagayancillo	Panay
Calamianes	Romblon
Calayan	Sibay
Cuyo	Sibuyan
Guimaras	Siquijor
Leyte	Sulu
Lubang	Tablas
Luzon	Tawi Tawi
Masbate	Ticao
Mindanao	Verde
Mindoro	

Subfamily **RUTICILLINÆ.****CHIMARRHORNIS Hodgs.**

(Sharpe, Cat. Bds., VII, p. 47, 1883.)

bicolor Grant, Bull. B. O. C., III, p. 44 Luzon
(1894); *id.* Ibis, 1894, pl. xv, fig. 2.

CALLIOPE Gould.

(*Erithachus* pt. Seebohm, Cat. Bds.,
V, p. 293, 1881.)

[*Cf.* Oates, Faun. Brit. Ind.,
Birds, I, p. 101, 1889.]

calliope (Pall.). (p. 305.)

Europe (*accidental*)
Southern China (*winter*)
Burmese provinces (*winter*)
Siberia Northern China
Northern and Central India
(*winter*)

Calayan	Mindoro
Luzon	Negros
Masbate	

COPSYCHUS *Wagler.*

(Sharpe, Cat. Bds., VII, p. 60, 1883.)

mindanensis (*Gm.*). (p. 60.)

Basilan	Romblon
Bongao	Samar
Cebu	Semirara ? ¹
Guimaras	Sibuyan
Leyte	Siquijor
Lubang	Sulu
Luzon	Tablas
Masbate	Tawi Tawi
Mindanao	Ticao
Mindoro	Verde
Negros	

CITTOCINCLA, *Scl.*

(Sharpe, Cat. Bds., VII, p. 84, 1883.)

[*Cf.* Hartert. Nov. Zool. ix, pp.
572-573, 1892.]**nigra** *Sharpe.* (p. 90.)

Balabac	Palawan
Calamianes	

luzoniensis (*Kittl.*). (p. 91.)

Catanduanes	Marinduque
Luzon	

cebuensis *Steere*, List. Bds. & Mams. *Steere*
Exp., p. 20 (1890).

Cebu

superciliaris *Bourns & Worcester*, Occ. Pa-
pers Minnesota Acad., I, No. 1, p. 23
(1894).

Masbate	Ticao
---------	-------

nigrorum *Grant*, Ibis, 1896, p. 547.

Negros

PRATINCOLA *Koch.*

(Sharpe, Cat. Bds., IV, p. 178, 1879.)

caprata (*Linn.*). (p. 195.)

Persia	
Indian Peninsula	
Burmese provinces	
Java	Borneo
Bohol	Mindoro
Cebu	Negros
Lubang	Panay
Luzon	Siquijor
Masbate	Ticao

SAXICOLA *Bechst.*(Seebohm, Cat. Bds., V, p. 362,
1881.)**œnanthe** (*Linn.*). (p. 391.)[*Cf.* Stejneger, Pr. U. S. Nat. Mus.,
XXIII, p. 473 (1901); id. Auk, XVIII,
p. 186 (1901).][*œnanthoides* *Vig.*]Europe and northern Asia to
Alaska
Indian Peninsula and eastern
Africa (*winter*)

Calayan

¹ A bird seen by me on Semirara in April, 1905, but not killed, was in all proba-
bility *C. mindanensis*.—WORCESTER.

Family SYLVIIDÆ.

LOCUSTELLA *Kaup.*

(Seebohm, Cat. Bds., V, p. 107,
1881.)

fasciolata (*Gray*). (p. 109.)

[*Cf.* A. B. Meyer & Wiglesw., B. Celebes,
p. 524 (1898).]

Talaut Islands
Sangir Islands
Eastern Siberia
Molucca Islands
China Japan
Batchian, Halmahera, Morotai
(*winter*)

Calayan	Sulu
Luzon	Tablas
Marinduque	Tawi Tawi

ochotensis (*Midd.*). (p. 113.)

[*dybowskii* Ridgw., Pr. U. S. Nat. Mus.,
VI, p. 92 (1883).]

Kurile Islands
Borneo (*winter*)
Northeastern Siberia
Greater Sunda Islands
Kamtchatka Japan

Calayan	Mindoro
Marinduque	Romblon

lanceolata (*Temm.*). (p. 118.)

China (*winter*)
Eastern Europe (Russia)
Andaman Islands (*winter*)
Indian Peninsula (*winter*)
Burmese provinces (*winter*)
Siberia Central Asia

Calayan	Luzon
---------	-------

ACROCEPHALUS *Naum.*

(Seebohm, Cat. Bds., V, p. 87, 1881.)

[*Tatare* Lesson; Sharpe, Cat.

Bds., VII, p. 524 (1883).

Cf. Zool. Rec., Aves, 1883,

p. 26; Büttik. Notes Ley-

den Mus., XIV, p. 13

(1892).]

sorgophilus (*Swinh.*). (p. 94.)

China

Luzon

orientalis (*Temm. & Schl.*). (p. 97.)

Japan
Northern China
Eastern Siberia
Burmese provinces (*winter*)
Malay Archipelago* (*winter*)

Calayan	Mindanao
Cebu	Mindoro
Luzon	Palawan

TRIBURA *Hodgs.*

(*Luscinola* pt. Seebohm, Cat. Bds.,
V, p. 120, 1881.)

[*Cf.* Oates, Faun. Brit. Ind.,
Birds, I, 361, 1889.]

seebohmi (*Grant*), Bull. B. O. C., IV, p. xl Luzon
(1895); id. *Ibis*, 1895, p. 443.

ORTHOTOMUS *Horsf.*

(Sharpe, Cat. Bds., VII, p. 219
(1883).

[*Cf.* Grant, *Ibis*, 1897, p. 229.]

frontalis <i>Sharpe</i> . (p. 220.)	Basilan Bohol Dinagat	Leyte Mindanao Samar
cinereiceps <i>Sharpe</i> . (p. 222.)	Basilan	Mindanao
nigriceps <i>Tweedd.</i> (p. 222.)	Mindanao	
samarensis <i>Steere</i> , List Bds. & Mams. Steere Exp., p. 20 (1890.)	Leyte	Samar
castaneiceps <i>Wald.</i> (p. 223.) [<i>panayensis</i> Steere, List. Bds. & Mams. Steere Exp., p. 20, 1890. <i>Cf.</i> Grant, <i>Ibis</i> , 1896, p. 549.]	Guimaras Masbate Negros	Panay Ticao
derbianus <i>Moore</i> . (p. 224.)	Luzon	
chloronotus <i>Grant</i> , Bull. B. O. C., III, p. ii (1895).	Luzon	
ruficeps (<i>Less.</i>). (p. 224.)	Malay Peninsula Southern Tenasserim Sumatra	Borneo
	Balabac Calamianes	Palawan
cineraceus <i>Blyth</i> . (p. 225.)	Malay Peninsula Sumatra	Borneo
	Cagayan Sulu	

CISTICOLA *Kaup.*

(Sharpe, Cat. Bds., VII, p. 235,
1883.)

cisticola (*Temm.*). (p. 259.)

Indian Peninsula
Malay Peninsula
Southern Europe
Indo-Chinese countries
Greater and Lesser Sunda
Islands
Ceylon China
Africa Celebes

Balabac Luzon
Bohol Mindanao

exilis (*Vig. & Horsf.*). (p. 269.)

[*oryziola* S. Müll. (p. 240, note.) *Cf.*
Sharpe, Notes Leyden Mus., VI, p.
168.]

[*phragmitoides* Kuhl. (p. 185, note),
teste Finsch *in litt.*]

[*Cf.* also Oates, Faun. Brit. Ind., Birds,
I, pp. 371-373, 1889.]

Southern China
Indian Peninsula
Burmese provinces
Malay Peninsula and Archipel-
ago
Australa Formosa

Calamianes Panay
Calayan Romblon
Cebu Samar
Fuga Semirara
Lubang Sibay
Luzon Sibuyan
Marinduque Siquiljor
Masbate Sulu
Mindanao Tablas
Mindoro Ticao
Negros Verde

MEGALURUS *Horsf.*

(Sharpe, Cat. Bds., VII, p. 122,
1883.)

palustris *Horsf.* (p. 123.)

[*punctatus* De Vis, Ibis, 1897, p. 385.
=*macrurus*, juv. Rotsch. & Hartert. Orn.
MB. vii, p. 139, 1898.]

Manipur
Burmese provinces
Southeastern New Guinea
Northern and Central India to
Bhutun and Buxa Doars
Assam Java

Catanduanes Mindanao
Luzon Mindoro
Marinduque Samar
Masbate Ticao

ruficeps *Tweedd.* (p. 125.)

Basilan Mindoro
Bohol Negros
Cebu Panay
Guimaras Romblon
Lubang Samar
Luzon Sibuyan
Marinduque Siquiljor
Masbate Tablas
Mindanao Ticao

ACANTHOPNEUSTE *Blas.*(*Phylloscopus* pt. Seebohm, Cat.

Bds., V, p. 37, 1881.)

borealis (*Blas.*). (p. 40.)

Alaska

Borneo (*winter*)

Commander Islands

Malay Peninsula (*winter*)China and Formosa (*winter*)Indo-Chinese provinces (*winter*)Northern Europe and northern
Asia (Finmark to eastern
Siberia, Kamtchatka)

Balabac

Mindanao

Cagayancillo

Marinduque

Calamianes

Mindoro

Calayan

Negros

Cuyo

Palawan

Fuga

Panay

Guimaras

Romblon

Leyte

Samar

Lubang

Sibuyan

Luzon

Tablas

Maestro de Ticao

Campo Verde

Masbate

xanthodryas (*Swinh.*). (p. 62.)Southern China (*winter*)

Mongolia Kamtchatka

Japan

Kurile Islands

Northwestern Borneo (*winter*)

Palawan

lugubris (*Blyth*). (p. 48.)Eastern Bengal (*winter*)Burmese provinces (*winter*)

Western China to Chuan-che

Eastern Himalayas (Sikhim to
Assam)

Basilan

Samar

Mindanao

HORORNIS *Hodgs.*(*Cettia* pt. Seebohm, Cat. Bds., V, p.
133, 1881.)[*Cf.* Oates, Faun. Brit. Ind.,
Birds, I, p. 434, 1889.]**seebohmi** (*Grant*), Ibis, 1894, p. 507.

Northern Luzon

canturiens (*Swinh.*). (p. 141.)

Formosa

Cachar (*winter*)Southern China (*winter*)Southern Ussuri-land to Lake
Chanka

Luzon

minuta (*Swinh.*). (p. 141.)

Hainan
Askold Island
Southern China

Calayan

PHYLLERGATES *Sharpe.*

(Sharpe, Cat. Bds., VII, p. 229, 1883;
cf. Zool. Rec., 1883, Aves, p. 25,
note.)

[*Phyllobates* Oates, Bds. Brit.
Burm., I, p. 110 (1883).]

philippinus *Hartert*, Nov. Zool., IV, p. 517
(1897.)

Luzon

heterolæmus *Mearns*, Proc. Biol. Soc. Wash.,
XVIII, p. 86 (1905).

Mindanao

Family **ARTAMIDÆ.**

ARTAMUS *Vieill.*

(Sharpe, Cat. Bds., XIII, p. 2, 1890.)

leucorhynchus (*Linn.*), *teste* Richmond.
[*leucogaster* (*Valenc.*). (p. 3.)]

Australia
Papuan Islands
Andaman Islands
Malay Archipelago

Basilan	Negros
Bohol	Palawan
Bongao	Panay
Calamianes	Romblon
Catanduanes	Samar
Cebu	Semirara
Cuyo	Sibay
Guimaras	Sibuyan
Leyte	Siquijor
Lubang	Sulu
Luzon	Tablas
Marinduque	Tawi Tawi
Masbate	Ticao
Mindanao	Verde
Mindoro	

Family **LANIIDÆ.**

Subfamily **LANIINÆ.**

ENNEOCTONUS *Boie.*

(*Lanius* pt. Gadow, Cat. Bds., VII,
p. 232, 1883; Grant, Nov. Zool.,
IX, p. 449, 1902.)

tigrinus (*Drap.*). (p. 289.)

Borneo
Malay Peninsula
Sumatra
Korea

Java
China

Sulu

CEPHALOPHONEUS *Fitz.*

(*Lanius* pt. Gadow, Cat. Bds., VIII,
p. 232, 1883; Grant, Nov. Zool.,
IX, p. 449, 1902.)

validirostris (*Grant*), Bull. B. O. C., III,
p. xlix, 1894).

Luzon Mindoro

nasutus (*Scop.*).

[*cephalomelas* Bp. (p. 269.)]
[*schalowi* Gadow.]

Northern Borneo

Bohol	Mindanao
Calamianes	Mindoro
Cebu	Negros
Guimaras	Panay
Leyte	Samar
Luzon	Siquijor
Masbate	

suluensis *Mearns*, Proc. Biol. Soc. Wash.,
XVIII, p. 86 (1905).

Sulu

OTOMELA, *Bp.*

(*Lanius* pt. Gadow, Cat. Bds., VIII,
p. 232, 1883; Grant, Nov. Zool.,
IX, p. 449, 1902.)

cristata¹ (*Linn.*). (p. 271.)

Borneo
Eastern Siberia
Malay Peninsula
Indian Peninsula
Indo-Chinese provinces

Philippine Islands (*winter*)

lucionensis (*Linn.*). (p. 274.)

Mongolia
Northern China
Malay Archipelago
Southern India (*winter*)
Andaman and Nicobar Islands
Korea Formosa

Agutaya	Masbate
Balabac	Mindanao
Basilan	Mindoro
Bohol	Negros
Cagayancillo	Palawan
Calamianes	Panaon
Calayan	Panay
Camiguin	Romblon
Catanduanes	Samar
Cebu	Sibay
Cuyo	Sibuyan
Fuga	Siquijor
Guimaras	Sulu
Leyte	Tablas
Lubang	Tawi Tawi
Luzon	Ticao
Maestro de Verde	
Campo	

¹ The two shrikes, *O. cristata* and *O. superciliosa*, are included in this list on the authority of Sharpe's Hand-List. Their distribution within the Philippines is not known to me.—MCGREGOR.

superciliosa¹ (*Lath.*). (p. 273.)

Japan
Malay Peninsula
Greater and Lesser Sunda
Islands

Philippine Islands (*winter*)

Subfamily **PACHYCEPALINÆ.**

HYLOTERPE *Cab.*

(*Pachycephala* pt. Gadow, Cat. Bds.,
VIII, p. 182, 1883.)

philippinensis *Walden.* (p. 221.)

Basilan
Dinagat
Leyte
Luzon
Mindanao
Samar
Siquijor

apoensis *Mearns*, Proc. Biol. Soc. Wash.,
XVIII, p. 86 (1905).

Mindanao

homeyeri *Blasius*, J. f. O., 1890, p. 141.

Bongao
Sibutu
Sulu
Tawi Tawi

whiteheadi *Sharpe*, Ibis, 1888, p. 198.

[*plateni* *W. Blasius*, Ornith., 1888, p. 311.]

Palawan

winchelli *Bourns & Worcester*, Occ. Papers
Minnesota Acad., I, No. 1, p. 21 (1894).

[*major* *Bourns & Worcester*, I. c. p. 22.]

Cebu
Masbate
Negros
Panay
Sibuyan
Tablas
Ticao

mindorensis *Bourns & Worcester*, t. c. p. 22.

Mindoro

albiventris *Grant*, Bull. B. O. C., III, p. xlix
(1894).

Luzon
Mindoro

fallax *McGregor*, Bull. Philippine Mus., No. 4,
p. 27 (1904).

Calayan

Family **PARIDÆ.**

Subfamily **PARINÆ.**

PARDALIPARUS *Selys-Longch.*

(*Selys-Longchamps*, Bull. S. Z.
France IX, p. 73, 1884; *Branchi*,
Ann. Mus. St. Petersb., VII, p.
247, 1902.)

(*Parus* pt. Gadow, Cat. Bds.,
VIII, p. 3, 1883.)

[*Hellm.*, *Tierr.*, *Paridæ*, p. 80.
1901.]

amabilis (*Sharpe*). (p. 22.)

Balabac
Palawan

¹ See footnote on page 92.

elegans (*Less.*). (p. 22.)

Bongao	Mindoro
Calayan	Negros
Cebu	Panay
Guimaras	Sulu
Luzon	Tawi Tawi
Masbate	Ticao

mindanensis *Mearns*. Proc. Biol. Soc. Wash.,
XVIII, p. 8 (1905). Mindanao

PENTHORNIS Hellmayr.

(Hellmayr, J. f. O. 1901, p. 173;
Tierreich, *Parida*, p. 32, 1903.)
(*Parus* pt. Gadow, Cat. Bds., VIII,
p. 3, 1883.)

semilarvatus (*Salvadori*). (p. 38.)
[*Cf.* Wardlaw Ramsay, *Ibis*, 1884, p.
334.]

Luzon Negros

luzoniensis (*Gm.*).

[*Micropus nehrkorni* Blasius, J. f. O.,
1890, p. 147. *Cf.* Sharpe, Bull. B. O. C.,
IV, p. ii (1894); Hellmayr, J. f. O.,
1901, pp. 171, 172.]

Mindanao

Family **SITTIDÆ**.

CALLISITTA *Reichenb.*

(*Dendrophila* Swains.; *Sitta* pt. Ga-
dow, Cat. Bds., VIII, p. 341, 1883;
Hellm., *Tierr.*, *Sittidæ*, p. 191,
1903.)

frontalis (*Swains.*). (p. 358.)

Southern India
Malay Peninsula
Burmese provinces
Ceylon Java
Himalayas (Kumaon to Assam)

Balabac Palawan

œnochloramys (*Sharpe*). (p. 359.)

Basilan	Luzon
Cebu	Mindanao
Guimaras	Negros
Leyte	Panay

mesoleuca (*Grant*), Bull. B. O. C., III,
p. xlix (1894). Luzon

lilacea (*Whitehead*), Bull. B. O. C., VI,
p. xlix (1897). Basilan

Samar

Family **CERTHIIDÆ.****RHABDORNIS** *Reichenb.*

(*Climacteris* pt. Gadow, Cat. Bds.,
VIII, p. 333, 1883.)

(*Cf.* Grant, Ibis, 1897, p. 235.)

mystacalis (<i>Temm.</i>). (p. 339.)	Luzon Masbate	Negros Panay
minor <i>Grant</i> , Bull. B. O. C., VI, p. xvii (1896).	Basilan Dinagat Leyte	Mindanao Samar
inornata <i>Grant</i> , <i>l. c.</i> p. xviii; <i>id.</i> Ibis, 1897, pl. vi, fig. 2.	Samar	

Family **ZOSTEROPIDÆ.****ZOSTEROPS** *Vig. and Horsf.*

(Gadow, Cat. Bds., IX, p. 146, 1884.)

everetti <i>Tweedd.</i> (p. 163.)	Cebu	
nigrorum <i>Tweedd.</i> (p. 186.)	Cresta de Gallo Masbate Negros	Panay Ticao
siquijorensis <i>Bourns and Worcester</i> , Occ. Papers Minnesota Acad., I, No. 1, p. 21 (1894).	Negros	Siquijor
luzonica <i>Grant</i> , Bull. B. O. C., No. XXIV, p. xxii (1895).	Luzon	
aureiloris <i>Grant</i> , Bull. B. O. C., No. XXVIII, p. xl (1895).	Luzon	Mindoro
basilanica <i>Steere</i> , List. Bds. and Mams. Steere Exp., p. 21 (1890).	Basilan Bongao Dinagat Leyte	Mindanao Samar Sulu
richmondi <i>McGregor</i> , Proc. Biol. Soc. Wash., XVII, p. 165 (1904). [<i>flavissima</i> <i>McGregor</i> , Bull. Philippine Mus., No. 4, p. 26 (1904) <i>nec</i> Hartert.]	Cagayancillo	
meyeni <i>Bonap.</i> (p. 180.) [<i>Cf.</i> Grant, Ibis, 1895, p. 452.]	Calayan Lubang	Luzon Verde
whiteheadi <i>Hartert</i> , Bull. B. O. C., XIV, No. C, p. 13 (1903).	Luzon (Lepanto)	
vulcani (<i>Hartert</i>), Bull. B. O. C., XIV, No. C, p. 14 (1903).	Mindanao	

goodfellowi Hartert, Bull. B. O. C., XIV, Mindanao
No. C, p. 13 (1903).

HYPOCRYPTADIUS Hartert.

(Hartert, Bull. B. O. C. XIV, No. C,
p. 13, 1903.)

cinnamomeus Hartert. (l. c.) Mindanao

Family **DICÆIDÆ**.

DICÆUM Cuv.

(Sharpe, Cat. Bds., X, p. 10, 1885.)

<i>retrocinctum</i> Gould. (p. 35.)	Luzon	Mindoro
<i>hæmatostictum</i> Sharpe. (p. 35.)	Guimaras Negros	Panay
<i>papuense</i> (Gmel.). ¹ (p. 36.)	Basilan Cebu Dinagat Leyte Lubang Luzon	Mariuduque Masbate Mindanao Samar Ticao Verde
<i>luzoniense</i> Grant, Bull. B. O. C., III, p. 1. (1894).	Luzon	
<i>apo</i> Hartert, Bull. B. O. C., XIV, No. CVII, p. 79 (1904).	Mindanao	
<i>bonga</i> Hartert, t. c. p. 80.	Samar	
<i>davao</i> Mearns, Proc. Biol. Soc. Wash., XVIII, p. 87 (1905).	Mindanao	
<i>flaviventer</i> Meyer, J. für O., 1894, p. 91, ex Dubois, Syn. Av., p. 679.	Cebu	
<i>dorsale</i> Sharpe. (p. 40.)	Masbate Negros	Panay
<i>pallidior</i> Bourns and Worcester, Occ. Papers. Minnesota Acad. Sci., I, No. 1, p. 18 (1894).	Cebu	
<i>sibuyanicum</i> Bourns and Worcester. (l. c.)	Sibuyan	
<i>intermedium</i> Bourns and Worcester. (t. c. p. 19.)	Romblon	Tablas
<i>assimilis</i> Bourns and Worcester. (l. c.)	Sulu	Tawi Tawi

¹ This species is usually called *Dicaeum rubriventer* Lesson, Gmelin's name *Pipra papuensis* being misleading.—MCGREGOR.

<i>xanthopygium Tweedd.</i> (p. 40.)	Luzon, Marinduque	Mindoro
<i>cinereigulare Tweedd.</i> (p. 40.)	Leyte Mindanao	Samar
<i>besti Steere</i> , List. Bds. and Mams. Steere Exp., p. 22 (1890).	Siquijor	
<i>sibutuense Sharpe</i> , Ibis, 1894, pp. 122, 251; ex Dubois Syn. Av., p. 679.	Sibutu	
<i>pygmæum (Kittlitz).</i> (p. 43.)	Balabac Calayan Fuga Guimaras Leyte Lubang Luzon Maestro de Campo Masbate	Mindoro Negros Palawan Romblon Samar Semirara Sibuyan Siquijor Ticao
<i>nigrilore Hartert</i> , Bull. B. O. C., XV, No. CLX, p. 8 (1904).	Mindanao	
<i>hypoleucum Sharpe.</i> (p. 37.)	Basilan Bongao	Siasi Sulu
<i>mindanense Tweedd.</i> (p. 37.)	Basilan Mindanao	Sulu Tawi Tawi
<i>everetti Tweedd.</i> (p. 47.)	Dinagat Leyte	Panaou Samar
<i>obscurum Grant</i> , Bull. B. O. C., III, p. 1 (1894).	Luzon	

PRIONOCHILUS Strickl.

(Sharpe, Cat. Bds., X, p. 63 pt.,
1885.)

<i>johannæ Sharpe</i> , Ibis, 1888, p. 201.	Balabac Busuanga	Palawan
<i>quidricolor Tweedd.</i> P. Z. S., 1877, p. 762.	Cebu	
<i>olivaceus Tweedd.</i> (p. 75.)	Basilan Dinagat Leyte	Mindanao Samar
<i>bicolor Bourns and Worcester</i> , Occ. Papers Minnesota Acad., I, No. 1, p. 20 (1894).	Mindanao	
<i>inexpectatus Hartert</i> , Nov. Zool., II, pp. 64, 486 (1895).	Leyte Luzon Mindoro	Negros Samar

PIPRISOMA *Blyth.*

(Sharpe, Cat. Bds., X, p. 63, pt.
1885.)

æruginosum (<i>Bourns and Worcester</i>), Occ. Papers Minnesota Acad., I, No. 1, p. 20 (1894).	Cebu Lubang Luzon Mindanao	Mindoro Romblon Sibuyan
---	-------------------------------------	-------------------------------

Family **NECTARINIIDÆ.****CHALCOSTETHA** *Cab.*

(Gadow, Cat. Bds., IX, p. 12, 1884.)

insignis (<i>Jard.</i>). (p. 12.)	Tenasserim Cochin China Sunda Islands Malay Peninsula Sumatra Celebes	Slam Borneo
	Balabac	Palawan

ÆTHOPYGA *Cab.*

(Gadow, Cat. Bds., IX, p. 13, 1884.)

magnifica <i>Sharpe.</i> (p. 24.)	Cebu Negros Panay	Sibuyan Tablas
boltoni <i>Mearns</i> , Bull. Biol. Soc. Wash., XVIII, p. 4 (1905).	Mindanao	
shelleyi <i>Sharpe.</i> (p. 29.)	Balabac Calamianes	Palawan
bella <i>Tweedd.</i> (p. 29.)	Mindanao	Samar
arolasi <i>Bourns and Worcester</i> , Occ. Papers, Minnesota Acad., I, No. 1, p. 17 (1894).	Sulu	Tawi Tawi
bonita <i>Bourns and Worcester.</i> (l. c.)	Cebu Masbate	Panay Ticao
flavipectus <i>Grant</i> , Bull. B. O. C., III, p. xlix (1894). [<i>minuta</i> <i>Bourns and Worcester</i> , Occ. Papers Minnesota Acad., I, No. 1, p. 18 (1894).]	Luzon	Mindoro
rubrinota <i>McGregor</i> , Govt. Lab. Publ. No. 25, p. 30 (1905).	Lubang	

EUDREPANIS *Sharpe*.

(Gadow, Cat. Bds., IX, p. 13 pt. 1884.)

pulcherrima (*Sharpe*). (p. 31.)Basilan Leyte
Dinagat Samar**jefferyi** *Grant*, Bull. B. O. C., III, p. 1 (1894).

Luzon

CINNYRIS *Cuv.*

(Gadow, Cat. Bds., IX, p. 31, 1884.)

sperata (*Linn.*). (p. 63.)Calamianes Negros
Cebu Nipa
Dinagat Palawan
Guimaras Panay
Leyte Romblon
Lubang Samar
Luzon Sibuyan
Marinduque Siquijor
Masbate Tablas
Mindanao Ticao
Mindoro**whiteheadi** *Grant*, Bull. B. O. C., II, p. 1 (1894).Calayan Luzon
Fuga**juliæ** *Tweedd.* (p. 64.)Basilan Sulu
Maianlpa Tawi Tawi
Mindanao**flagrans** (*Oust.*). (p. 88.)

Luzon Catanduanes

[*excellens* *Grant*, Bull. B. O. C., No. XXIII, p. xviii (1895); *cf.* *Whitehead*, *Ibis*, 1899, p. 230.]**guimarasensis** *Steerc*, List. Bds. and Mams. Steere Exp., p. 22 (1890).Guimaras Panay
Negros**jugularis** (*Linn.*). (p. 84.)[*dinagatensis* *Mearns*,¹ *Proc. Biol. Soc. Wash.*, XVIII, p. 5 (1905). *obscurior* *Grant*, Bull. B. O. C., III, p. 1 (1894); *cf.* *Grant*, *Ibis*, 1895, p. 451.]Basilan Mindoro
Bohol Negros
Bongao Panay
Camiguin Romblon
Catanduanes Samar
Cebu Semirara
Dinagat Sibay
Guimaras Sibutu
Leyte Sibuyan
Lubang Siquijor
Luzon Sulu
Maestro de Tablas
Campo Tawi Tawi
Marinduque Ticao
Masbate Verde
Mindanao**aurora** (*Tweedd.*). (p. 88.)Agutaya Calamianes
Balabac Cuyo
Cagayancillo Palawan

¹ In view of the great variation of color on the breast of *Cinnyris aurora* and on that of *C. jugularis* we do not recognize *C. dinagatensis* as valid. The latter name is confessedly applied to a specimen intermediate between the two older species.—MCGREGOR AND WORCESTER.

ARACHNOTHERA *Temm.*

(Gadow, Cat. Bds., IX, p. 100, 1884.)

<i>flamifera</i> <i>Twedd.</i> (p. 104.)	Basilan Leyte	Mindanao Samar
<i>dilutior</i> <i>Sharpe.</i> (p. 105.)	Palawan	
<i>philippinensis</i> (<i>Steere</i>), List. Bds. and Mams. Steere Exp., p. 21 (1890).	Leyte Mindanao	Samar

ANTHREPTES *Swains.*

(Gadow, Cat. Bds., IX, p. 112, 1884.)

<i>malaccensis</i> (<i>Scop.</i>). (p. 122.)	Malay Peninsula Siam Sumatra Cochin China	Java Borneo Flores
	Balabac Bongao Calamianes	Palawan Sibutu Tawi Tawi
<i>rhodolæma</i> <i>Shelley.</i> (p. 122, pt.)	Borneo	
	Palawan	
<i>chlorigaster</i> <i>Sharpe.</i> (p. 122, pt.)	Basilan Lubang Cebu Masbate Mindanao Negros	Panay Romblon Sibuyan Tablas Tawi Tawi Ticao
<i>wiglesworthi</i> <i>Hartert.</i> Nov. Zool., IX, p. 209; Dubois Syn. Av., 1113, <i>chlorigaster</i> , pt.	Sulu	
<i>cagayanensis</i> <i>Mearns</i> , Proc. Biol. Soc. Wash., XVIII, p. 6 (1905).	Cagayan Sulu	
<i>griseigularis</i> (<i>Twedd.</i>). (p. 126.)	Luzon Mindanao Mindoro	Sakuijoc Samar

Family **MOTACILLIDÆ.****MOTACILLA** *Linn.*

(Sharpe, Cat. Bds., X, p. 457, pt., 1885.)

<i>ocularis</i> <i>Swinh.</i> (p. 471.)	Burma (<i>winter</i>) Aleutian Islands ? Northeastern Siberia China Lower California (<i>accidental</i>)	
	Balabac Calayan Lubang	Luzon Palawan

melanope Pall. (p. 497.)

Europe Siberia
India and Burmese countries
(winter)
Malay Peninsula and Indo-
Malay Islands (winter)

Balabac	Mindanao
Basilan	Mindoro
Cagayan Sulu	Negros
Calamianes	Palawan
Calayan	Panay
Catanduanes	Romblon
Cebu	Samar
Guimaras	Sibay
Leyte	Sibuyan
Lubang	Sulu
Luzon	Tablas
Maestro de Campo	Tawi Tawi
Marinduque	Ticao
Masbate	Verde

flava Linn. See Page 110.

BUDYTES Cuv.

(Sharpe, Cat. Bds., X, p. 457 pt.,
1885.)

leucostriatus Hom. (p. 516, pt.)

Eastern Siberia
Alaska Kamchatka
Eastern China and Moluccas
(winter)

Balabac	Masbate
Bohol	Mindanao
Cagayan Sulu	Negros
Calayan	Palawan
Catanduanes	Sulu
Lubang	Ticao
Luzon	

LIMONDROMUS Gould.

(Sharpe, Cat. Bds., X, p. 532, 1885.)

indicus (Gm.). (l. c.)

Eastern Siberia
Northern China
Indian Peninsula
Ceylon, Andaman Islands, Bur-
mese countries, Cochln China,
Malay Peninsula, and Java
(winter)

Balabac	Calayan
---------	---------

ANTHUS Bechst.

(Sharpe, Cat. Bds., X, p. 534, 1885.)

maculatus Hodgs. (p. 547.)

Eastern Siberia
Indian Peninsula
Loo Choo Islands
China Japan
Indo-Burmese countries

Calayan	Palawan
Luzon	

rufulus Vieill. (p. 574.)
[*malayensis* Eyton.]

Malay Peninsula
Burmese countries

Africa
Ceylon
Sumatra

India
Java
Borneo

Bohol
Calamianes
Calayan
Cebu
Fuga
Guimaras
Leyte
Lubang
Luzon
Maestro de
Campo
Masbate
Mindanao

Mindoro
Negros
Palawan
Panaon
Panay
Romblon
Samar
Semirara
Sibuyan
Siquijor
Tablas
Ticao

Malay Peninsula
Burmese countries

Africa
Ceylon
Sumatra

India
Java
Borneo

Bohol
Calamianes
Calayan
Cebu
Fuga
Guimaras
Leyte
Lubang
Luzon
Maestro de
Campo
Masbate
Mindanao

Mindoro
Negros
Palawan
Panaon
Panay
Romblon
Samar
Semirara
Sibuyan
Siquijor
Tablas
Ticao

Malay Peninsula
Burmese countries

Africa
Ceylon
Sumatra

Malay Peninsula
Burmese countries
Africa
Ceylon
Sumatra

India
Java
Borneo
Bohol
Calamianes
Calayan
Cebu
Fuga
Guimaras
Leyte
Lubang
Luzon
Maestro de
Campo
Masbate
Mindanao

Kurile Islands
Borneo (winter)
Alaska
England
Northern Africa (winter)
Lower California (accidental)
Formosa and Hainan (winter)
Persia and northwestern India (winter)
China and Indo-Burmese countries (winter)

Calayan
Luzon

Mindanao
Palawan
Siberia
Celebes
Timor (winter)
China (migration)
Moluccas (winter)
Commander Islands

Basilan
Cagayancillo
Calayan
Guimaras
Leyte
Lubang
Luzon
Maestro de
Campo
Masbate
Mindoro
Negros
Palawan
Romblon
Sibuyan
Sulu
Tawi Tawi

India
Moluccas
Ceylon (winter)
Southern China (winter)
Burmese countries (winter)
British Islands (occasional)
Western and southern Europe (winter)
Central and eastern Asia (summer)
Balabac

cervinus (Pall.). (p. 585.)

gustavi Swinh. (p. 613.)

richardi Vieill. (p. 564.)

Family ALAUDIDÆ.

ALAUDA Linn.

(Sharpe, Cat. Bds., XIII, p. 566,
1890.)

wattersi Swinh. (p. 575, pt.)

Formosa Cochín China

Bohol Sibuyan
Luzon Ticao

MIRAFRA Horsf.

(Sharpe, Cat. Bds., XIII, p. 593,
1890.)

philippinensis Ramsay. (p. 605.)

Luzon Mindoro
Mindanao

Family FRINGILLIDÆ.

LOXIA Linn.

(Sharpe, Cat. Bds., XII, p. 435,
1888.)

luzoniensis Grant, Bull. B. O. C., III, p. li Luzon
(1894).

PYRRHULA Briss.

(Sharpe, Cat. Bds., XII, p. 445,
1888.)

leucogenys Grant, Bull. B. O. C., IV, p. xli Luzon
(1895).

FRINGILLA Linn.

(Sharpe, Cat. Bds., XII, p. 170,
1888.)

montifringilla Linn. * (p. 178.)

Europe Kamtchatka
North China Northern Asia
Japan (*winter*)
British Islands (*winter*)
Liu Kiu and Bonin Islands
(*winter*)

Calayan

PASSER *Briss.*

(Sharpe, Cat. Bds., XII, p. 298,
1888.)

montanus (*Linn.*). (p. 301.)

Malay Peninsula
Siam Java
China Japan
Europe Persia
Burmah Siberia
North and central Asia
Afghanistan Himalayas
North Africa Cqchin China

Cebu Luzon

SPINUS *Koch.*

(*Chrysomitris* Boie; Sharpe, Cat.
Bds., p. 192, 1888.)

spinus (*Linn.*). (p. 212.)

Northern Asia
British Islands
Japan (*winter*)
South China (*winter*)
Siberia Europe
Liu Kiu Islands (*winter*)

Calayan

EMBERIZA *Briss.*

(Sharpe, Cat. Bds., XII, p. 476,
1888.)

spodocephala *Pall.* (p. 522.)

Eastern Siberia
Japan (*accidental*)
Assam and Manipur (*winter*)
China and eastern Himalayas
(*winter*)

Catanduanes

pusilla *Pall.* (p. 487.)

Siberia
Northern China
Northern Europe
Himalayas (*winter*)
Tenasserim (*winter*)
Assam and Burma (*winter*)

Luzon

sulfurata *Temm. and Schl.* (p. 519.)

Japan
Formosa (*winter*)
Northern and central China

Calayan Luzon

CHLORURA *Reichenb.*

(Sharpe, Cat. Bds., XIII, p. 388,
1890.)

brunneiventris *Grant*, Bull. B. O. C., III, Luzon Mindoro
p. 1 (1894).

Family **PLOCEIDÆ**.

MUNIA *Hodgs.*

(Sharpe, Cat. Bds., XIII, p. 326,
1890.)

oryzivora (*Linn.*). (p. 328.)

Sumatra	
Java	Malacca
Guimaras	Palawan
Luzon	Panay
Mindanao	Samar

jagori *Martens.* (p. 337.)¹

[*brunneiceps* *Walden*; cf. *Grant*, Ibis,
1896, p. 554.]

Balabac	Mindanao
Basilan	Mindoro
Bohol	Negros
Bongao	Palawan
Cagayan Sulu	Panay
Calamianes	Romblon
Calayan	Samar
Catanduanes	Semirara
Cebu	Sibay
Fuga	Sibuyan
Guimaras	Siquijor
Leyte	Sulu
Lubang	Tablas
Luzon	Tawi Tawi
Masbate	Ticao

formosana *Swinh.* (p. 338.)

Luzon

cabanisi *Sharpe.* (p. 353.)

Luzon Panay

UROLONCHA *Cab.*

(Sharpe, Cat. Bds., XIII, p. 355,
1890.)

everetti (*Twedd.*). (p. 363.)

Balabac	Mindanao
Basilan	Negros
Calamianes	Palawan
Calayan	Panay
Catanduanes	Romblon
Cebu	Samar
Guimaras	Sibuyan
Leyte	Tablas
Luzon	Tawi Tawi

fuscans (*Cass.*). (p. 364.)

Borneo
Cagayan Sulu

¹ The Philippine records of *Munia atricapilla* were in all probability based upon specimens of *M. jagori*.—MCGREGOR.

ORIOULUS *Linn.*

(Sharpe, Cat. Bds., III, p. 181, 1877.)

chinensis *Linn.* (p. 203.)

Balabac	Masbate
Basilan	Mindanao
Bohol	Mindoro
Bongao	Negros
Cagayancillo	Palawan
Calamianes	Panaon
Calayan	Panay
Catanduanes	Romblon
Cebu	Samar
Cuyo	Semirara
Dinagat	Sibutu
Fuga	Sibuyan
Guimaras	Siquijor
Lapac	Sulu
Leyte	Tablas
Lubang	Tawi Tawi
Luzon	Ticao
Maestro de Campo	Verde Sibay
Marinduque	

isabellæ *Grant*, Bull. B. O. C., IV, No. XX, p. ii (1894).

Luzon

albiloris *Grant*, Bull. B. O. C., III, p. xlix (1894).

Luzon

samarensis *Steere*, List. Bds. and Mams. Steere Exp., p. 17 (1890).

Leyte

Samar

steerii¹ *Sharpe*. (p. 213 pt.)

Basilan

Mindanao

[*basilanicus* *Grant*, Ibis, 1896, p. 532.]**cinereogenys** *Bourne and Worcester*, Occ. Papers Minnesota Acad., I, No. 1, p. 16 (1894).

Bongao

Tawi Tawi

¹Grant makes the extraordinary statement that a glance at the original description and figure of *O. steerii* is sufficient to show that the *Negros* bird is the one described (*Ibis*, Oct., 1896, p. 532) and quotes Cat. Bds. III, p. 213, pl. x (1887), in support of his contention that Bourne and I were mistaken in supposing that the type of *O. steerii* comes from Basilan. He therefore rejects our name of *O. nigrostriatus* for the *Negros* bird on the ground that it is a synonym for *O. steerii* and assigns to the Basilan bird, which he agrees with us is quite distinct from the *Negros* bird, the name *O. basilanicus*.

Had Grant followed his own suggestion and glanced at the original description of *O. steerii* which occurs in Trans. Linn. Soc., Ser. II, Vol. I, p. 329, he would have discovered that two specimens only were collected by Steere; that one specimen (*a*) was an adult male from *Isabela de Basilan*, while the other (*b*) of which the sex was not determined, came from *Negros*. Also that the type described was an adult male. Furthermore, he seems to forget that the type of this species, which, by the way, still bears a label in Dr. Sharpe's well-known hand, is at present in the bird collection of the University of Michigan. It was before Dr. Bourne and myself when our description of *O. nigrostriatus* was written. This type is an adult male from Basilan. Grant's *O. basilanicus* therefore becomes a synonym of *O. steerii*.—WORCESTER.

nigrostriatus <i>Bourus and Worcester</i> , Occ. Papers Minnesota Acad., I, No. 1, p. 16 (1894).	Masbate	Negros
assimilis <i>Tweed.</i> , P. Z. S., 1877, p. 760.	Cebu	
xanthonotus <i>Horsf.</i> (p. 213.)	Malacca Java	Sumatra Borneo
	Calamianes ? ¹	Palawan

Family DICRURIDÆ.

DICRURUS *Vieill.*

(Sharpe, Cat. Bds., III, p. 229, 1877.)

balicassius (<i>Linn.</i>). (p. 230.)	Lubang Luzon Marinduque	Mindanao Verde
striatus <i>Tweed.</i> P. Z. S., 1877, p. 545.	Mindanao Basilan Leyte	Nipa Panaon Samar
suluensis <i>Hartert</i> , Nov. Zool., IX, p. 441, ex Dubois, Syn. Av., p. 1105.	Sulu	
mirabilis <i>Wald. and Layard.</i> (p. 231.)	Cebu Gulmaras Masbate	Negros Panay Tleao

CHIBIA *Hodgs.*

(Sharpe, Cat. Bds., III, p. 234, 1877.)

palawanensis (<i>Tweed.</i>), P. Z. S., 1878, p. 614.	Balabac Calamianes	Palawan
cuyensis <i>McGregor</i> , Bull. Philippine Mus., No. 1, p. 5 (1903).	Cuyo	
worcesteri <i>McGregor</i> , Govt. Lab. Publ. No. 34, p. 26 (1905).	Semirara	
borneensis <i>Sharpe</i> , P. Z. S., 1877, p. 246.	Borneo	
	Bongao Cagayan Sulu Sibutu	Sulu Tawi Tawi
menagei <i>Bourus and Worcester</i> , Occ. Papers Minnesota Acad., I, No. 1, p. 15 (1894).	Tablas	

¹ An *Oriolus*, in all probability *O. xanthonotus*, was seen by me in the Calamianes Islands in January, 1903, but no specimens were collected.—WORCESTER.

BUCHANGA *Hodgs.*

(Sharpe, Cat. Bds., III, p. 245, 1877.)

palawanensis *Whitehead*, Ibis, 1893, p. 47.

Palawan

Family **STURNIDÆ.****SPODIOPSAR** *Sharpe.*

(Sharpe, Cat. Bds., XIII, p. 40, 1890.)

[*Poliopsar* Sharpe *nec* Cassin;
Spodiopsar Sharpe, Ibis,
1889, p. 580. *Cf.* Cat. Bds.,
XIII, p. 665.]**sericeus** (*Gm.*). (p. 44.)

Calayan

STURNIA *Less.*

(Sharpe, Cat. Bds., XIII, p. 68, 1890.)

philippensis (*Forster*). (p. 70.) [*violacea*
(*Bodd.*); *cf.* *McGregor*, Govt. Lab. Publ.
No. 25, p. 30 (1905).]Japan
Borneo (*winter*)
Celebes (*winter*)
Moluccas (*winter*)Calayan Negros
Luzon Palawan
Mindanao Tawi Tawi
Mindoro**sinensis** (*Gm.*). (p. 68.)Formosa
Malacca (*winter*)
Slam
Pegu (*winter*)
South China (*winter*)
Cochin China (*winter*)
China Hainan

Calayan Luzon

ÆTHIOPSAR *Sharpe.*(Acridotheres Vieill. pt.; Sharpe, Cat.
Bds., XIII, p. 79 pt., 1890.)
[*t. c.* p. 23 (footnote).]**cristatellus** (*Gm.*). (p. 92.)Central and southern China
Luzon (*introduced*)**GOODFELLOWIA** *Hartert.*(Hartert, Bull. B. O. C., XIV, No. C,
p. 11, 1903.)**miranda** *Hartert.* (l. c.)

Mindanao

SARCOPS *Walden.*

(Sharpe, Cat. Bds., XIII, p. 96,
1890.)

calvus (*Linn.*). (p. 97.)

Basilan	Negros
Bongao	Panay
Catanduanes	Romblon
Cebu	Samar
Dinagat	Semirara
Guimaras	Sibay
Leyte	Sibutu
Lubang	Sibuyan
Luzon	Siquiljor
Maestro de Campo	Sulu
Marinduque	Tablas
Masbate	Tawi Tawi
Mindanao	Ticao
Mindoro	Verde

EULABES *Cuv.*

(*Mainatus* Less; Sharpe, Cat. Bds.,
XIII, p. 98, 1890.)

palawanensis (*Sharpe*). (p. 104.)

Palawan

LAMPROCOCORAX *Bp.*

(Sharpe, Cat. Bds., XIII, p. 137,
1890.)

[*Calornis* Gray *nec* Billberg;
Cf. Oberholser, Proc. Philad.
Acad. Sci., 1899, p. 215.]

panayensis (*Scop.*). (p. 147.)

Agutaya	Mindanao
Balabac	Mindoro
Basilan	Negros
Bohol	Nipa
Bongao	Palawan
Cagayancillo	Panay
Cagayan Sulu	Romblon
Calamianes	Samar
Camiguin	Semirara
Catanduanes	Siasi
Cebu	Sibutu
Cuyo	Sibuyan
Fuga	Siquiljor
Guimaras	Sulu
Leyte	Tablas
Luzon	Tawi Tawi
Marinduque	Ticao
Masbate	

todayensis *Mearns*, Proc. Biol. Soc. Wash.,
XVIII, p. 88 (1905).

Mindanao

Family **CORVIDÆ.****CORONE** *Kaup.*

(Sharpe, Cat. Bds., III, p. 30, 1877.)

philippina (*Bonap.*). (p. 42.)

Basilan	Mindoro
Bohol	Negros
Cagayancillo	Palawan
Calayan	Panaon
Camiguin	Panay
Catanduanes	Romblon
Cebu	Samar
Cuyo	Semirara
Dinagat	Sibay
Fuga	Sibutu
Guimaras	Sibuyan
Lubang	Siquijor
Luzon	Sulu
Maestro de Tablas	
Campo	Tawi Tawi
Marinduque	Ticao
Masbate	Verde
Mindanao	

CORVUS *Linn.*

(Sharpe, Cat. Bds., III, p. 13, 1877.)

pusillus *Twedd.*, P. Z. S., 1878, p. 622.

Balabac	Mindoro
Calamianes	Palawan

samarensis *Steere*, List. Bds. and Mams.
Steere Exp., p. 23 (1890).

Samar

ADDENDA.

Add on page 101:

flava *Linn.* (p. 516.)

Africa	
Siberia to China	
Molucca Islands	
Alaska	Europe
<hr/>	
Balabac	Masbate
Bohol	Mindoro
Calayan	Negros
Catanduanes	Palawan
Lubang	Sulu
Luzon	Ticao

NOTE.—The addition of *Motacilla flava*, inadvertently omitted from its proper place on page 101, raises the total number of species recorded to 692.

INDEX TO GENERA AND SPECIES.

- abba (*Calidris*), 27.
 Abrornis, 76.
 Acanthopneuste, 90.
 Accipiter, 41.
 Acridotheres, 108.
 Acrocephalus, 87.
 Actitis, 26.
 acuminata (*Heteropygia*), 28.
 acuta (*Dafila*), 38.
 Ægialitis, 23.
 Ægithina, 78.
 aenea (*Muscadivora*), 11.
 æruginosum (*Piprisoma*), 98.
 æruginosus (*Circus*), 41.
 Æthiopsar, 108.
 Æthopyga, 98.
 affinis (*Batrachostomus*), 51.
 affinis (*Penelopides*), 56.
 affinis (*Terpsiphone*), 75.
 Alauda, 103.
 albigularis (*Rhinomyias*), 75.
 albiloris (*Oriolus*), 106.
 albiventris (*Hyloterpe*), 93.
 albiventris (*Rhipidura*), 74.
 Alcedo, 52.
 Alecyone, 52.
 alexandrina (*Ægialitis*), 24.
 Alophonerpes, 66.
 Alseonax, 71.
 alterum (*Edoliisoma*), 77.
 amabilis (*Pardaliparus*), 93.
 Amaurornis, 17.
 americanus (*Merops*), 56.
 amethystina (*Phapitreron*), 10.
 amurensis (*Butorides*), 34.
 anæstheta (*Sterna*), 20.
 Anas, 37.
 Ancylochilus, 28.
 Anhinga, 39.
 Anous, 21.
 Anthracoceros, 55.
 Anthreptes, 100.
 Anthus, 101.
 Antigone, 31.
 Anuroopsis, 81.
 apicalis (*Loriculus*), 50.
 apo (*Dicaeum*), 96.
 apoensis (*Hyloterpe*), 93.
 aquila (*Fregata*), 40.
 Arachnothera, 100.
 arcuata (*Dendrocygna*), 37.
 Ardea, 32.
 ardens (*Pyrotrogon*), 60.
 Ardetta, 35.
 Arenaria, 22.
 argentata (*Alecyone*), 52.
 ariel (*Fregata*), 40.
 arolasi (*Æthopyga*), 98.
 arquata (*Numenius*).
 Artamides, 76.
 Artamus, 91.
 assimilis (*Dicaeum*), 96.
 assimilis (*Oriolus*), 107.
 Astur, 41.
 atra (*Fulica*), 19.
 atricapilla (*Munia*), 105.
 atricapilla (*Pitta*), 68.
 aureiloris (*Zosterops*), 95.
 aurora (*Cinnyris*), 99.
 avensis (*Geocichla*), 84.
 axillaris (*Osmotreron*), 9.
 bacha (*Spilornis*), 42.
 balicassius (*Dicrurus*), 107.
 banguyensis (*Spilotreron*), 11.
 banyumas (*Cyornis*), 71.
 basilanica (*Ceyx*), 53.
 basilanica (*Muscicapula*), 72.
 basilanica (*Penelopides*), 56.
 basilanica (*Ptilocichla*), 81.
 basilanica (*Zosterops*), 95.
 basilanicus (*Oriolus*), 106.
 basilanicus (*Poliolophus*), 79.
 basilanicus (*Yungipicus*), 65.
 Batrachostomus, 50.
 Baza, 44.
 bella (*Æthopyga*), 98.
 bella (*Cyanoptila*), 73.
 bengalensis (*Alcedo*), 52.

- besti (*Dicaeum*), 97.
 bicolor (*Chimarrhornis*), 85.
 bicolor (*Merops*), 56.
 bicolor (*Myristicivora*), 12.
 bicolor (*Prionochilus*), 97.
 Bolbopsittacus, 49.
 boltoni (*Æthopyga*), 98.
 Bonaparte, 80.
 bonapartei (*Loriculus*), 50.
 bonga (*Dicaeum*), 96.
 bonita (*Æthopyga*), 98.
 borealis (*Acanthopneuste*), 90.
 boreotis (*Sterna*), 20.
 borneensis (*Chibia*), 107.
 Botaurus, 36.
 bournsi (*Ceyx*), 63.
 bournsi (*Loriculus*), 50.
 Brachypteryx, 83.
 brevipes (*Heteractitis*), 26.
 brevirostris (*Phapitreron*), 10.
 brunneiceps (*Brachypteryx*), 83.
 brunneiceps (*Munia*), 105.
 brunneiceps (*Phapitreron*), 10.
 brunneiventris (*Chlorura*), 105.
 Bubo, 46.
 Bubuleus, 35.
 Buchanga, 108.
 Budytes, 101.
 burbidgei (*Tanygnathus*), 49.
 Butastur, 43.
 Butorides, 34.
 cabanisi (*Munia*), 105.
 Cacatua, 48.
 Cacomantis, 62.
 caeruleus (*Edoliisoma*), 77.
 cagayanensis (*Anthreptes*), 100.
 cagayanensis (*Mixornis*), 82.
 calayensis (*Otus*), 46.
 Calidris, 27.
 Callaeops, 74.
 Callene, 83.
 Calliope, 85.
 calliope (*Calliope*), 85.
 Callisitta, 94.
 Calenas, 15.
 Calornis, 109.
 calvus (*Sarcops*), 109.
 candida (*Strix*), 48.
 canorus (*Cuculus*), 61.
 canturiens (*Horornis*), 90.
 capensis (*Rostratula*), 29.
 capitalis (*Zosterornis*), 82.
 caprata (*Pratincola*), 86.
 Caprimulgus, 57.
 carbo (*Phalacrocorax*), 39.
 carola (*Ptilocolpa*), 12.
 Carpophaga, 11.
 castaneiceps (*Orthotomus*), 88.
 caudatus (*Pseudotharrhaleus*), 80.
 cebuensis (*Artamides*), 77.
 cebuensis (*Cittocincla*), 86.
 cebuensis (*Collocalia*), 59.
 cebuensis (*Cryptolopha*), 75.
 celebensis (*Chaetura*), 59.
 Centropus, 63.
 cephalomelas (*Cephalophoneus*), 92.
 Cephalophoneus, 92.
 Cerchneis, 45.
 cervinus (*Anthus*), 102.
 Cettia, 90.
 ceylonensis (*Culicicapa*), 75.
 Ceyx, 53.
 Chaetura, 59.
 Chacococeyx, 62.
 Chalcophaps, 14.
 Chalcostetha, 98.
 Charadrius, 22.
 Chelidon, 69.
 Chelidonaria, 69.
 Chibia, 107.
 chinensis (*Oriolus*), 106.
 Chimarrhornis, 85.
 chirurgus (*Hydrophasis*), 30.
 chlorigaster (*Anthreptes*), 100.
 chloris (*Haleyon*), 55.
 chloronotus (*Orthotomus*), 88.
 Chloropsis, 78.
 chloropus (*Gallinula*), 18.
 Chlorura, 105.
 Chrysocolaptes, 65.
 chrysolaus (*Turdus*), 84.
 Chrysomitris, 104.
 chrysonotus (*Loriculus*), 50.
 cineraceus (*Orthotomus*), 88.
 cinerea (*Ardea*), 32.
 cinerea (*Gallierex*), 18.
 cinerea (*Geocichla*), 84.
 cinerea (*Terekia*), 26.
 cinereiceps (*Anuropsis*), 81.
 cinereiceps (*Hemichelidon*), 71.
 cinereiceps (*Iole*), 79.
 cinereiceps (*Orthotomus*), 88.
 cinereiceps (*Phapitreron*), 10.
 cinereifrons (*Pycnonotus*), 80.
 cinereigulare (*Dicaeum*), 97.
 cinereogenys (*Oriolus*), 106.
 cinereus (*Pericrocotus*), 77.
 cinereus (*Poliolimnas*), 17.

- cinnamomea (*Ardetta*), 35.
 cinnamomeus (*Hypocryptadius*), 96.
 cinnamomeus (*Zeocephus*), 84.
 Cinnyris, 99.
 circa (*Querquedula*), 38.
 Circus, 40.
 Cisticola, 89.
 cisticola (*Cisticola*), 89.
 Cittocincla, 86.
 Climacteris, 95.
 Clivicola, 69.
 clypeata (*Spatula*), 38.
 Coccytes, 60.
 celestis (*Cyanomyias*), 73.
 Collocalia, 58.
 Columba, 13.
 comata (*Macropteryx*), 58.
 communis (*Falco*), 44.
 Copsychus, 86.
 coromandelianus (*Nettopus*), 36.
 coromandus (*Bubuleus*), 35.
 coromandus (*Coccytes*), 60.
 coromandus (*Halcyon*), 54.
 Corone, 110.
 Corvus, 110.
 Cotile, 69.
 Cranorrhinus, 56.
 crassirostris (*Tringa*), 28.
 erecca (*Nettion*), 38.
 Criniger, 80.
 crinigera (*Phlogœnas*), 15.
 cristata (*Otomela*), 92.
 cristatellus (*Æthiopsar*), 108.
 Cryptolopha, 75, 76.
 euculoides (*Astur*), 41.
 Cuculus, 61.
 Culicicapa, 75.
 eumingi (*Lepidogrammus*), 64.
 eumingi (*Megapodius*), 7.
 euyensis (*Chibia*), 107.
 euyensis (*Otus*), 46.
 cyaneiceps (*Prioniturus*), 49.
 cyaneiceps (*Zeocephus*), 74.
 cyaneiceps (*Rhipidura*), 74.
 cyanogaster (*Irena*), 79.
 cyanomelæna (*Muscicapa*), 73.
 cyanomelas (*Muscicapa*), 73.
 Cyanomyias, 73.
 cyanopectus (*Aleyone*), 52.
 Cyanoptila, 73.
 cyanopus (*Numenius*), 24.
 Cyornis, 71.
 Dafla, 38.
 damacensis (*Limonites*), 28.
 Dasycrotapha, 81.
 Dasylophus, 64.
 dasypus (*Chelidonaria*), 69.
 davao (*Dicæum*), 96.
 Demiegretta, 33.
 Dendrobiastes, 72.
 Dendrocygna, 36.
 Dendrophila, 94.
 dennistouni (*Zosterornis*), 82.
 derbianus (*Orthotomus*), 88.
 Dicæum, 96.
 Dierurus, 107.
 difcilis (*Artamides*), 76.
 dilutior (*Arachnothera*), 100.
 dinagatensis (*Cinnyris*), 99.
 discurus (*Prioniturus*), 49.
 Dissūra, 31.
 dominicus (*Charadrius*), 22.
 dorsale (*Dicæum*), 96.
 Dryococcyx, 64.
 dubia (*Ægialitis*), 23.
 dubia (*Chætura*), 59.
 Dupetor, 36.
 dussumieri (*Streptopelia*), 13.
 dybowski (*Locustella*), 87.
 Edoliisoma, 77.
 Egretta, 33.
 ellæ (*Irena*), 79.
 Elanus, 44.
 elegans (*Pardaliparus*), 94.
 elusum (*Edoliisoma*), 77.
 Emberiza, 104.
 enganensis (*Cyornis*), 71.
 Enneoctonus, 91.
 episcopus (*Dissūra*), 31.
 Erithacus, 85.
 ernesti (*Falco*), 44.
 erythaca (*Cyornis*), 72.
 erythrocephalus (*Chrysocolaptes*), 65.
 erythrogaster (*Pitta*), 68.
 erythrognys (*Microhierax*), 44.
 Eudrepanis, 99.
 Eudynamis, 62.
 euerythra (*Ceyx*), 53.
 Eulabes, 109.
 Eumyias, 76.
 eurhinus (*Totanus*), 25.
 Eurystomus, 51.
 eurythmus (*Nannocnus*), 35.
 euryzonoides (*Rallina*), 16.
 everetti (*Dicæum*), 97.
 everetti (*Edoliisoma*), 77.
 everetti (*Iole*), 79.
 everetti (*Ninox*), 47.

- everetti (Osmotreron), 9.
 everetti (Otus), 46.
 everetti (Tanygnathus), 49.
 everetti (Tiga), 65.
 everetti (Uroloncha), 105.
 everetti (Zosterops), 95.
 Excalfactoria, 7.
 excellens (Cinnyris), 99.
 exilis (Cisticola), 89.
 falcata (Ptilocichla), 81.
 falcinellus (Plegadis), 31.
 Falco, 44.
 fallax (Hyloterpe), 93.
 fasciata (Rallina), 16.
 fasciata (Turnix), 8.
 fasciolata (Locustella), 97.
 ferruginea (Hemichelidon), 71.
 flagrans (Cinnyris), 99.
 flammifera (Arachnothera), 100.
 flava (Motacilla), 101, 110.
 flaveola (Gerygone), 72.
 flavicollis (Dupetor), 36.
 flavigularis (Cryptolopha), 75.
 flavipectus (Æthopyga), 98.
 flavipennis (Chloropsis), 78.
 flavissima (Zosterops), 95.
 flaviventer (Dicæum), 96.
 florensis (Ninox), 47.
 flumenicola (Aleyone), 53.
 fluviatilis (Sterna), 20.
 fluviventer (Dicæum), 96.
 formosæ (Sphenocercus), 9.
 formosana (Munia), 105.
 francica (Salangana), 58.
 frater (Criniger), 80.
 frater (Eudynamis), 63.
 Fregata, 40.
 Fringilla, 103.
 frontalis (Callisitta), 94.
 frontalis (Orthotomus), 88.
 frontalis (Phapitreron), 10.
 fuciphaga (Salangana), 58.
 fugax (Hierococcyx), 61.
 fugensis (Hypsipetes), 79.
 Fulica, 19.
 fuliginosa (Sterna), 21.
 fuliginosus (Microstictus), 66.
 fuliginosus (Otus), 46.
 Fuligula, 39.
 fuligula (Fuligula), 39.
 fulvifasciatus (Yungipicus), 65.
 fulvus (Charadrius), 22.
 funebris (Microstictus), 66.
 fuscans (Uroloncha), 105.
 fuscus (Linnobæus), 17.
 galgulus (Loriculus), 50.
 Gallicrex, 18.
 gallinaceus (Hydralector), 30.
 Gallinago, 29.
 gallinago (Gallinago), 29.
 Gallinula, 18.
 Gallus, 8.
 gallus (Gallus), 8.
 Garzetta, 33.
 garzetta (Egretta), 33.
 Geocichla, 84.
 geoffroyi (Ochthodromus), 23.
 Geopelia, 14.
 Gerygone, 72.
 gigantea (Chætura), 59.
 gigantea (Pelargopsis), 52.
 Glareola, 30.
 glareola (Rhyacophilus), 27.
 Glottis, 26.
 goiavier (Pycnonotus), 80.
 goisagi (Gorsachius), 34.
 Goodfellowia, 108.
 goodfellowi (Zosterops), 96.
 Gorsachius, 34.
 gouldi (Pelargopsis), 52.
 griseatus (Caprimulgus), 57.
 griseigularis (Anthreptes), 100.
 griseigularis (Columba), 13.
 griseipectus (Pseudotharrhaleus), 81.
 griseipectus (Ptilocolpa), 12.
 griseisticta (Hemichelidon), 71.
 guillemardi (Artamides), 76.
 guimarasensis (Cinnyris), 99.
 guimarasensis (Iole), 79.
 gularis (Accipiter), 41.
 gularis (Haleyon), 54.
 gurneyi (Pseudopteryx), 46.
 gustavi (Anthus), 102.
 guttata (Dendrocygna), 37.
 guttulata (Dendrocygna), 37.
 gutturalis (Hirundo), 70.
 Gymnocerotaphus, 80.
 Gymnolæmus, 56.
 hæmatocephalum (Xantholæma), 64.
 hæmatostictum (Dicæum), 96.
 hæmatribon (Chrysocolaptes), 65.
 hæmaturopygia (Cacatua), 48.
 Haleyon, 54.
 Haliaëtus, 43.
 haliaëtus (Pandion), 45.
 Haliastur, 43.
 hancei (Oreocichla), 84.
 hargitti (Thriponax), 66, 67.

- Harpactes, 60.
 harringtoni (Dryococcyx), 64.
 haynaldi (Iole), 79.
 helenæ (Cyanomyias), 73.
 helianthea (Culicicapa), 75.
 Helodromas, 25.
 helvetica (Squatarola), 22.
 Hemichelidon, 70.
 Hemilophus, 66.
 herioti (Cyornis), 71.
 Herodias, 33.
 Heteractitis, 26.
 heterolamus (Phyllergates), 91.
 Heteropygia, 28.
 Hierococcyx, 61.
 Himantopus, 24.
 Hirundo, 69.
 holospilus (Spilornis), 42.
 hombroni (Halcyon), 55.
 homeyeri (Hyloterpe), 93.
 honorata (Eudynamis), 62.
 Horornis, 90.
 humilis (Onopopelia), 14.
 hybrida (Hydrochelidon), 20.
 Hydralector, 30.
 Hydrochelidon, 20.
 Hydrocorax, 55.
 hydrocorax (Hydrocorax), 55.
 Hydrophasis, 30.
 Hyloterpe, 93.
 Hypocryptadius, 96.
 hypoleucum (Dicæum), 97.
 hypoleucus (Actitis), 26.
 hypoleucus (Elanus), 44.
 Hypotænidia, 15.
 Hypothymis, 73.
 Hysipetes, 79.
 ichthyaëtus (Polioëtus), 45.
 igneus (Pericrocotus), 77.
 Illadopsis, 81.
 indica (Chalcophaps), 14.
 indicus (Butastur), 43.
 indicus (Limonidromus), 101.
 inexpectata (Salangana), 59.
 inexpectatus (Prionochilus), 97.
 inornata (Rhabdornis), 95.
 insignis (Chalcostetha), 98.
 insignis (Rhinomyias), 75.
 intermedia (Mesophoyx), 32.
 intermedia (Porzana), 15.
 intermedium (Dicæum), 96.
 intermedius (Bolbopsittacus), 49.
 intermedius (Cuculus), 61.
 intermedius (Haliastur), 43.
 interpres (Arenaria), 22.
 interpres (Geocichla), 84.
 Iole, 79.
 Irena, 79.
 isabellæ (Oriolus), 106.
 jagori (Munia), 105.
 japonica (Ninox), 47.
 javanica (Butorides), 34.
 javanica (Hirundo), 70.
 javanicus (Centropus), 63.
 javensis (Batrachostomus), 51.
 javensis (Thriponax), 66, 67.
 jefferyi (Eudrepanis), 99.
 jefferyi (Pithecophaga), 42.
 johannæ (Prionochilus), 97.
 johnstoniæ (Trichoglossus), 48.
 jotaka (Caprimulgus), 57.
 jugularis (Cinnyris), 99.
 julia (Cinnyris), 99.
 keayi (Phlogœnas), 15.
 kelleri (Merula), 83.
 kettlewelli (Macronus), 82.
 kieneri (Lophotriorchis), 42.
 kochi (Artamides), 76.
 kochi (Pitta), 68.
 Lalage, 78.
 Lamprocorax, 109.
 Lamproteron, 11.
 lanceolata (Locustella), 87.
 langhornei (Muscadivora), 11.
 Lanius, 91, 92.
 Larus, 21.
 latirostris (Aleseonax), 71.
 leclancheri (Leucotreron), 10.
 lemprieri (Cyornis), 72.
 lemprieri (Gymnolæmus), 56.
 Leonardia, 83.
 Leonardina, 83.
 Lepidogrammus, 64.
 leucocephala (Pelargopsis), 51.
 leucocephalus (Cranorrhinus), 56.
 leucocephalus (Himantopus), 24.
 leucocephalus (Pandion), 45.
 leucogaster (Artamus), 91.
 leucogaster (Haliaëtus), 43.
 leucogenys (Pyrrhula), 103.
 leucomelas (Puffinus), 19.
 leucopais (Baza), 44.
 leucoptera (Hydrochelidon), 20.
 leucorhynchus (Artamus), 91.
 leucostriatus (Budytes), 101.
 leucotis (Phapitreron), 10.
 Leucotreron, 10.
 leytenensis (Pericrocotus), 77.

- leytensis (Yungipicus), 65.
 lilacea (Callisitta), 94.
 Limicola, 29.
 limnæus (Spizetus), 42.
 Limnobæus, 17.
 Limonidromus, 101.
 Limonites, 27.
 Limosa, 25.
 limosa (Limosa), 25.
 linchi (Salangana), 59.
 lindsayi (Haleyon), 55.
 lineata (Excalfactoria), 7.
 Locustella, 87.
 longicornis (Otus), 46.
 Lophotriorchis, 42.
 Loriculus, 50.
 lowi (Salangana), 58.
 Loxia, 103.
 lucidus (Chrysocolaptes), 65.
 lucionensis (Otomela), 92.
 lucionensis (Tanygnathus), 49.
 luconensis (Prioniturus), 49.
 lugubris (Acanthopneuste), 90.
 lugubris (Ninox), 47.
 lugubris (Surniculus), 60.
 lunulatus (Borbopsittacus), 49.
 Lusciniola, 88.
 luzonica (Anas), 37.
 luzonica (Phlogœnas), 15.
 luzonica (Zosterops), 95.
 luzoniense (Dicæum), 96.
 luzoniensis (Cittocincla), 86.
 luzoniensis (Loxia), 103.
 luzoniensis (Muscicapula), 72.
 luzoniensis (Penthornis), 94.
 Lyncornis, 57.
 Macronus, 82.
 macroptera (Ninox), 47.
 Macropteryx, 58.
 Macropygia, 13.
 macrotis (Lyncornis), 57.
 macrurus (Caprimulgus), 57.
 macrurus (Megalurus), 89.
 maculatus (Anthus), 101.
 maculatus (Yungipicus), 65.
 maculipectus (Phapitreron), 10.
 magnifica (Æthopyga), 98.
 magnirostris (Baza), 44.
 magnirostris (Orthorhamphus), 30.
 Mainatus, 109.
 major (Hyloterpe), 93.
 major (Macropteryx), 58.
 malaccensis (Anthreptes), 100.
 Malacocincla, 81.
 Malacopterus, 81.
 malamaui (Ceyx), 53.
 malayanus (Chalcococcyx), 62.
 malayensis (Anthus), 102.
 manilla (Petrophila), 85.
 manillæ (Penelopides), 56.
 manillensis (Accipiter), 41.
 manillensis (Caprimulgus), 57.
 manillensis (Nycticorax), 34.
 manillensis (Pyrrherodias), 32.
 marchesæ (Pericrocotus), 77.
 marchei (Gymnolæmus), 56.
 marchei (Leucotreron), 10.
 Mareca, 37.
 marginata (Salangana), 59.
 meyeri (Zosterops), 95.
 megala (Gallinago), 29.
 megalotis (Otus), 46.
 Megalurus, 89.
 Megapodius, 7.
 melanauchen (Sterna), 21.
 melanocephalus (Microtarsus), 80.
 melanochlamys (Irena), 79.
 melanogaster (Anhinga), 39.
 melanogynys (Falco), 45.
 melanoleuca (Lalage), 78.
 melanolœucus (Circus), 41.
 melanolophus (Gorsachius), 34.
 melanope (Motacilla), 101.
 melanops (Centropus), 64.
 melanura (Ceyx), 53.
 menagei (Batrachostomus), 51.
 menagei (Chibia), 107.
 menagei (Phlogœnas), 15.
 menagei (Yungipicus), 65.
 meninting (Alcedo), 52.
 meridionalis (Microhierax), 44.
 Merops, 56.
 Merula, 83.
 merulinus (Cacomantis), 62.
 mesoleuca (Callisitta), 94.
 Mesophoyx, 32.
 Mesoscolopax, 25.
 Microhierax, 44.
 micropterus (Cuculus), 61.
 Micropus, 80.
 microrhynchus (Batrachostomus), 50.
 Microtarsus, 80.
 Microstictus, 66.
 mindanense (Dicæum), 97.
 mindanense (Edolisoma), 77.
 mindanensis (Artamides), 76.
 mindanensis (Borbopsittacus), 49.
 mindanensis (Brachypteryx), 83.

- mindanensis (Caprimulgus), 57.
 mindanensis (Ceyx), 53.
 mindanensis (Copsychus), 86.
 mindanensis (Cryptolopha), 76.
 mindanensis (Eudynamis), 63.
 mindanensis (Hydrocorax), 55.
 mindanensis (Lyncornis), 57.
 mindanensis (Macronus), 82.
 mindanensis (Musciapula), 72.
 mindanensis (Pardaliparus), 94.
 mindanensis (Ptilocichla), 81.
 mindorensis (Artamides), 77.
 mindorensis (Centropus), 63.
 mindorensis (Hyloterpe), 93.
 mindorensis (Iole), 79.
 mindorensis (Loriculus), 50.
 mindorensis (Merula), 83.
 mindorensis (Ninox), 47.
 mindorensis (Otus), 46.
 mindorensis (Penelopides), 56.
 mindorensis (Prioniturus), 49.
 mindorensis (Thriponax), 66, 67.
 mindorensis (Zonophaps), 12.
 minor (Lalage), 78.
 minor (Rhabdornis), 95.
 minuta (Æthopyga), 98.
 minuta (Horornis), 91.
 minuta (Limornites), 27.
 minutus (Mesoscolopax), 25.
 minuta (Ptilocichla), 81.
 mirabilis (Dierurus), 107.
 Mirafra, 103.
 miranda (Goodfellowia), 108.
 Mixornis, 82.
 modesta (Dafla), 38.
 mongolus (Oethodromus), 23.
 montani (Anthracoceros), 55.
 montanus (Macronus), 82.
 montanus (Passer), 104.
 montanus (Prioniturus), 48.
 monticola, 85.
 monticola (Iole), 79.
 montifringilla (Fringilla), 103.
 montigena (Musciapula), 72.
 montis (Cryptolopha), 76.
 moseleyi (Haleyon), 55.
 Motacilla, 100.
 mülleri (Pitta), 68.
 Mulleripicus, 66.
 Munia, 105.
 Muscadivora, 11.
 Musciapa, 73.
 Musciapula, 72.
 Myristicivora, 12.
 mystacalis (Rhabdornis), 95.
 napoleonis (Polyplectron), 8.
 narcissina (Xanthopygia), 73.
 Nannoenus, 35.
 nasutus (Cephalophoneus), 92.
 nebularius (Glottis), 26.
 nehrkornæ (Polyplectron), 8.
 nehrkorni (Micropus), 94.
 Nettion, 38.
 Nettopus, 36.
 nicobarica (Calœnas), 15.
 niger (Lalage), 78.
 nigra (Cittocincla), 86.
 nigriceps (Orthotomus), 88.
 nigrilore (Dicæum), 97.
 nigriloris (Eumyias), 76.
 nigrimentalis (Eumyias), 76.
 nigrirostris (Aleyone), 53.
 nigritorquis (Rhipidura), 74.
 nigrocapitata (Zosterornis), 82.
 nigrocinnamomea (Rhipidura), 74.
 nigrorum (Abrornis), 76.
 nigrorum (Cittocincla), 86.
 nigrorum (Merula), 83.
 nigrorum (Musciapula), 72.
 nigrorum (Phapitreron), 10.
 nigrorum (Ptilocolpa), 12.
 nigrorum (Zosterops), 95.
 nigrostriatus (Oriolus), 106, 107.
 Ninox, 47.
 nipalensis (Treron), 9.
 novæ-zealandiæ (Limosa), 25.
 novus (Pericrocotus), 77.
 nuchalis (Muscadivora), 11.
 Numenius, 24.
 Nycticorax, 33.
 nycticorax (Nycticorax), 33.
 obscurior (Cinnyris), 99.
 obscurum (Dicæum), 97.
 obscurus (Turdus), 84.
 occipitalis (Hypothymis), 73.
 occipitalis (Leucotreron), 10.
 occipitalis (Phapitreron), 10.
 Oceanodroma, 19.
 ocellata (Turnix), 8.
 ochotensis (Locustella), 87.
 ochropus (Helodromas), 25.
 Oethodromus, 23.
 ocularis (Motacilla), 100.
 ocularis (Rhinomyias), 75.
 œnanthe (Saxicola), 86.
 œnanthoides (Saxicola), 86.
 œnochlamys (Callisitta), 94.
 olivacea (Abrornis), 76.

- olivacea (*Amaurornis*), 17.
 olivaceus (*Prionochilus*), 97.
 Onopopelia, 14.
 Oreocichla, 84.
 orientalis (*Acrocephalus*), 87.
 orientalis (*Eurystomus*), 51.
 orientalis (*Glareola*), 30.
 Oriolus, 106.
 Orthorhamphus, 30.
 Orthotomus, 88.
 oryziola (*Cisticola*), 89.
 oryzivora (*Munia*), 105.
 Osmotreron, 9.
 Otomela, 92.
 Otus, 46.
 oustaleti (*Strix*), 48.
 Pachycephala, 93.
 Pachycephalixus, 80.
 palawanense (*Malacopteryx*), 81.
 palawanensis (*Buchanga*), 108.
 palawanensis (*Chibia*), 107.
 palawanensis (*Chloropsis*), 78.
 palawanensis (*Criniger*), 80.
 palawanensis (*Eulabes*), 109.
 pallidior (*Dicaeum*), 96.
 pallidior (*Tachornis*), 59.
 pallidus (*Turdus*), 84.
 palustris (*Megalurus*), 89.
 panayense (*Edolisoma*), 77.
 panayensis (*Artamides*), 77.
 panayensis (*Culicicapa*), 75.
 panayensis (*Eumyias*), 76.
 panayensis (*Lamprocorax*), 109.
 panayensis (*Orthotomus*), 88.
 panayensis (*Spilornis*), 42.
 Pandion, 45.
 panini (*Penelopides*), 56.
 papuense (*Dicaeum*), 96.
 papuensis (*Pipra*), 96.
 Pardaliparus, 93.
 Parus, 93, 94.
 Passer, 104.
 paykulli (*Limnobaenus*), 17.
 pectoralis (*Thriponax*), 66, 67.
 Pelargopsis, 51.
 Pelecanus, 40.
 penelope (*Mareca*), 37.
 Penelopides, 56.
 Penthoceryx, 61.
 Penthornis, 94.
 peregrinus (*Falco*), 44.
 Perierocotus, 77.
 periophthalmica (*Callaeops*), 74.
 Pernis, 44.
 peroni (*Aegialitis*), 23.
 Petrophila, 85.
 phae (*Macropygia*), 13.
 Phalacrocorax, 39.
 Phapitreron, 10.
 philippensis (*Iole*), 79.
 philippensis (*Loriculus*), 50.
 philippensis (*Ninox*), 47.
 philippensis (*Pelecanus*), 40.
 philippensis (*Sturnia*), 108.
 philippensis (*Thriponax*), 66, 67.
 philippina (*Corone*), 110.
 philippinensis (*Arachnothera*), 100.
 philippinensis (*Cyornis*), 72.
 philippinensis (*Hyloterpe*), 93.
 philippinensis (*Hypotaenidia*), 16.
 philippinensis (*Mirafraga*), 103.
 philippinensis (*Podiceps*), 19.
 philippinensis (*Pseudopteryx*), 46.
 philippinensis (*Spizaetus*), 42.
 philippinus (*Merops*), 57.
 philippinus (*Phyllergates*), 91.
 Phlogœnas, 15.
 phœnicura (*Amaurornis*), 18.
 Phoyx, 32.
 phragmitoides (*Cisticola*), 89.
 Phyllergates, 91.
 Phyllobates, 91.
 Phylloscopus, 90.
 picina (*Chætura*), 59.
 pickeringi (*Muscadivora*), 11.
 pileatus (*Halcyon*), 54.
 Pipra, 96.
 Piprisoma, 98.
 piscator (*Sula*), 39.
 Pithecophaga, 42.
 Pitta, 68.
 Plotus, 39.
 platenæ (*Cyornis*), 72.
 platenæ (*Phlogœnas*), 15.
 plateni (*Hyloterpe*), 93.
 plateni (*Ninox*), 47.
 plateni (*Zosterornis*), 82.
 platyrhyncha (*Limicola*), 29.
 Plegadis, 31.
 plumbea (*Porzana*), 16.
 Podiceps, 19.
 Polioaetus, 45.
 poliocephala (*Zonophaps*), 12.
 poliogyna (*Brachypteryx*), 83.
 Poliolimnas, 17.
 Poliophus, 79.
 Polionetta, 37.
 Poliopsar, 108.

- pollens (Artamides), 76.
 Polyplectron, 8.
 Porphyrio, 18.
 Porzana, 16.
 Pratincola, 86.
 Prioniturus, 48.
 Prionochilus, 97.
 propinqua (Pitta), 68.
 Pseudopteryx, 46.
 Pseudotharrhaleus, 80.
 Ptilocichla, 81.
 Ptilocolpa, 12.
 ptilonorhynchus (Pernis), 44.
 Puffinus, 19.
 pulcherrima (Eudrepanis), 99.
 pulverulentus (Mulleripicus), 66.
 pulverulentus (Porphyrio), 18.
 punctatus (Megalurus), 89.
 pusilla (Emberiza), 104.
 pusilla (Porzana), 16.
 pusillus (Corvus), 110.
 Pycnonotus, 80.
 pygmæa (Zosterornis), 82.
 pygmæum (Dicæum), 97.
 Pyrotrogon, 60.
 Pyrrherodias, 32.
 Pyrrhula, 103.
 quadricolor (Prionochilus), 97.
 Querquedula, 38.
 querquedula (Querquedula), 38.
 Rallina, 16.
 ramsayi (Cyornis), 72.
 ramsayi (Yungipicus), 65.
 regulus (Loriculus), 50.
 retrocinctum (Dicæum), 96.
 reyi (Ninox), 47.
 Rhabdornis, 95.
 Rhinomyias, 75.
 Rhipidura, 74.
 rhizophoræ (Gerygone), 72.
 rhodolæma (Anthreptes), 100.
 Rhyacophilus, 27.
 richardi (Anthus), 102.
 richmondi (Zosterops), 95.
 ridibundus (Larus), 21.
 riparia (Clivicola), 69.
 romblonis (Otus), 46.
 roseum (Xantholæma), 64.
 Rostratula, 29.
 rubrinota (Æthopyga), 98.
 rubriventer (Dicæum), 96.
 refuscens (Otus), 46.
 ruficauda (Rhinomyias), 75.
 ruficeps (Megalurus), 89.
 ruficeps (Orthotomus), 88.
 ruficollis (Limnites), 27.
 rufifrons (Turdinus), 81.
 rufigularis (Iole), 79.
 rufopunctatus (Chrysocolaptes), 65.
 rufulus (Anthus), 102.
 rufus (Zeocephus), 74.
 rustica (Hirundo), 69.
 sacra (Demiegretta), 33.
 Salangana, 58.
 samarensis (Ceyx), 53.
 samarensis (Corvus), 110.
 samarensis (Hypothymis), 73.
 samarensis (Musciapula), 72.
 samarensis (Oriolus), 106.
 samarensis (Orthotomus), 88.
 samarensis (Penelopides), 56.
 samarensis (Rhinomyias), 75.
 samarensis (Sarcophanops), 68.
 Sarcophanops, 68.
 Sarcops, 109.
 saturatus (Cuculus), 61.
 sauli (Rhipidura), 74.
 Saxicola, 86.
 schalowi (Cephalophoneus), 92.
 schmackeri (Iole), 79.
 seutulata (Ninox), 47.
 seebohmi (Horornis), 90.
 seebohmi (Tribura), 88.
 semigaleatus (Hydrocorax), 55.
 semilarvatus (Penthornis), 94.
 septimus (Batrachostomus), 50.
 sericeus (Spodiopsar), 108.
 severus (Falco), 45.
 sharpei (Antigone), 31.
 shelleyi (Æthopyga), 98.
 sibirica (Hemichelidon), 70.
 sibuense (Dicæum), 97.
 sibuense (Otus), 46.
 sibuyanicum (Dicæum), 96.
 simplex (Cyornis), 72.
 simplex (Gerygone), 72.
 sinensis (Ardetta), 35.
 sinensis (Centropus), 63.
 sinensis (Clivicola), 69.
 sinensis (Sterna), 21.
 sinensis (Sturnia), 108.
 Siphia, 71.
 siquijorensis (Iole), 79.
 siquijorensis (Loriculus), 50.
 siquijorensis (Zosterops), 95.
 Sitta, 94.
 solitaria (Petrophila), 85.
 solensis (Astur), 41.

- sonnerati (*Penthoceryx*), 61.
 sorgophilus (*Acrocephalus*), 87.
 sparveroides (*Hierococcyx*), 61.
Spatula, 38.
 speciosa (*Dasycrotapha*), 81.
 sperata (*Cinnyris*), 99.
Sphenocercus, 9.
Spinus, 104.
 spinus (*Spinus*), 104.
 spilocephala (*Ninox*), 47.
 spilonota (*Ninox*), 47.
 pilonotus (*Circus*), 40.
Spilopelia, 14.
Spilornis, 42.
Spilotreron, 11.
Spizaetus, 42.
Spodiopsar, 108.
 spodocephala (*Emberiza*), 104.
Squatarola, 22.
 steerii (*Aleyone*), 52.
 steerii (*Centropus*), 63.
 steerii (*Oriolus*), 106.
 steeri (*Pitta*), 68.
 steerei (*Sarcophanops*), 68.
 stellaris (*Botaurus*), 36.
 stenura (*Gallinago*), 29.
Sterna, 20.
Stictognathus, 80.
 stolidus (*Anous*), 21.
Stoparola, 76.
Streptopelia, 13.
 striata (*Geopelia*), 14.
 striata (*Hypotaenidia*), 15.
 striata (*Zosterornis*), 82.
 striaticeps (*Iole*), 79.
 striaticeps (*Macronus*), 82.
 striatus (*Artamides*), 76.
 striatus (*Dicrurus*), 107.
 striolata (*Hirundo*), 70.
Strix, 48.
Sturnia, 108.
 subarquatus (*Aeylochilus*), 28.
 sumatrana (*Ardea*), 32.
Sula, 39.
 sula (*Sula*), 40.
 sulfurata (*Emberiza*), 104.
 suluensis (*Cephalophoneus*), 92.
 suluensis (*Dicrurus*), 107.
 suluensis (*Prioniturus*), 49.
 suluensis (*Thriponax*), 66, 67.
 suluensis (*Turnix*), 8.
 superciliaris (*Cittocincla*), 86.
 superciliaris (*Hypothymis*), 73.
 superciliosa (*Otomela*), 92, 93.
 superciliosus (*Dasylophus*), 64.
Surniculus, 60.
Syrnium, 47.
 tabuensis (*Porzana*), 16.
Tachornis, 59.
 talisi (*Penelopides*), 56.
Tanygnathus, 49.
Tatare, 87.
 temmincki (*Lamprotreron*), 11.
 temmincki (*Limonites*), 28.
 tenuirostris (*Macropygia*), 13.
 terat (*Lalage*), 78.
Terekia, 26.
Terpsiphone, 75.
 thomassoni (*Merula*), 83.
Thriponax, 66.
Tiga, 65.
 tigrina (*Spilopelia*), 14.
 tigrinus (*Enneoctonus*), 91.
 timoriensis (*Herodias*), 33.
 tinnunculus (*Cerchneis*), 45.
 todayensis (*Lamprococorax*), 109.
 torquata (*Hypotaenidia*), 16.
Totanus, 25.
Treron, 9.
Tribura, 88.
Trichoglossus, 48.
Tringa, 28.
Tringoides, 26.
 trivirgatus (*Astur*), 41.
 troglodytes (*Salangana*), 59.
Turdinus, 81.
Turdus, 84.
Turnix, 8.
 tweeddalii (*Irena*), 79.
 unicolor (*Pseudotharrhaleus*), 80.
 unirufus (*Centropus*), 64.
Uroloncha, 105.
 urostictus (*Poliolophus*), 79.
 validirostris (*Cephalophoneus*), 92.
 validirostris (*Yungipicus*), 65.
 varia (*Oreocichla*), 84.
 variegatus (*Numenius*), 24.
 vegæ (*Larus*), 21.
 velutinus (*Surniculus*), 60.
 veredus (*Ochthodromus*), 23.
 vernans (*Osmotreron*), 9.
 verticalis (*Prioniturus*), 48.
 viduata (*Dendrocygna*), 36.
 violacea (*Sturnia*), 108.
 viridis (*Ægithina*), 78.
 viridis (*Centropus*), 63.
 vulcani (*Zosterops*), 96.
 waldeni (*Cranorrhinus*), 56.

- waterstradti (*Prioniturus*), 49.
wattersi (*Alauda*), 103.
whiteheadi (*Cinnyris*), 99.
whiteheadi (*Salangana*), 58.
whiteheadi (*Hyloterpe*), 93.
whiteheadi (*Otus*), 46.
whiteheadi (*Syrnium*), 47.
whiteheadi (*Turnix*), 8.
whiteheadi (*Zosterops*), 95.
whiteheadi (*Zosterornis*), 82.
wiepkeni (*Syrnium*), 47.
wiglesworthi (*Anthreptes*), 100.
winchelli (*Haleyon*), 54.
winchelli (*Hyloterpe*), 93.
woodi (*Leonordina*), 83.
woodi (*Mixornis*), 82.
worcesteri (*Chibia*), 107.
worcesteri (*Loriculus*), 50.
worcesteri (*Turnix*), 8.
westermanni (*Muscicapula*), 72.
xanthocephalus (*Chrysocolaptes*), 65.
xanthodryas (*Acanthopneuste*), 90.
Xantholæma, 64.
xanthonotus (*Oriolus*), 107.
Xanthopygia, 73.
xanthopygia (*Cryptolopha*), 67.
xanthopygium (*Dicaeum*), 97.
xanthorhynchus (*Chalcococcyx*), 62.
Yungipicus, 65.
Zeocephus, 74.
Zonophaps, 12.
zonorhyncha (*Polionetta*), 37.
Zosterops, 95.
Zosterornis, 82.

INDEX TO ORDERS, SUBORDERS, FAMILIES, AND SUBFAMILIES.

<p> <i>Accipitres</i>, 40.
 <i>Accipitriformes</i>, 40.
 <i>Accipitrinæ</i>, 40.
 <i>Acromyodi</i>, 69.
 <i>Alaudidæ</i>, 103.
 <i>Alcedinidæ</i>, 51.
 <i>Alcedininæ</i>, 51.
 <i>Anatidæ</i>, 36.
 <i>Anatinæ</i>, 36.
 <i>Anseriformes</i>, 36.
 <i>Aquilinæ</i>, 42.
 <i>Ardeæ</i>, 32.
 <i>Ardeidæ</i>, 32.
 <i>Ardeiformes</i>, 31.
 <i>Arenariinæ</i>, 22.
 <i>Artamidæ</i>, 91.
 <i>Brachypteryginæ</i>, 83.
 <i>Bubonidæ</i>, 46.
 <i>Buboninæ</i>, 46.
 <i>Bucerotes</i>, 55.
 <i>Bucerotidæ</i>, 55.
 <i>Cacatuidæ</i>, 48.
 <i>Caloenadinæ</i>, 15.
 <i>Campophagidæ</i>, 76.
 <i>Capitonidæ</i>, 64.
 <i>Capitones</i>, 64.
 <i>Caprimulgi</i>, 57.
 <i>Caprimulgidæ</i>, 57.
 <i>Caprimulginæ</i>, 57.
 <i>Carinatae</i>, 7.
 <i>Carpophaginæ</i>, 11.
 <i>Centropodinæ</i>, 63.
 <i>Certhiidæ</i>, 95.
 <i>Chaeturinæ</i>, 58.
 <i>Charadrii</i>, 22.
 <i>Charadriidæ</i>, 22.
 <i>Charadriiformes</i>, 22.
 <i>Charadriinæ</i>, 22.
 <i>Ciconiæ</i>, 31.
 <i>Ciconiidæ</i>, 31.
 <i>Ciconiinæ</i>, 31.
 <i>Columbæ</i>, 9. </p> | <p> <i>Columbidæ</i>, 13.
 <i>Columbiformes</i>, 9.
 <i>Columbinæ</i>, 13.
 <i>Coraciæ</i>, 51.
 <i>Coraciidæ</i>, 51.
 <i>Coraciiformes</i>, 50.
 <i>Coraciinæ</i>, 51.
 <i>Corvidæ</i>, 110.
 <i>Cuculi</i>, 60.
 <i>Cuculidæ</i>, 60.
 <i>Cuculinæ</i>, 60.
 <i>Cursorii</i>, 30.
 <i>Cypseli</i>, 58.
 <i>Cypselidæ</i>, 58.
 <i>Cypselinæ</i>, 59.
 <i>Daceloninæ</i>, 53.
 <i>Dicaeidæ</i>, 96.
 <i>Dicruridæ</i>, 107.
 <i>Eurylaemidæ</i>, 68.
 <i>Eurylaemiformes</i>, 68.
 <i>Eurylaeminæ</i>, 68.
 <i>Falconidæ</i>, 40.
 <i>Fringillidæ</i>, 103.
 <i>Fregatidæ</i>, 40.
 <i>Fulicinæ</i>, 19.
 <i>Fuligulinæ</i>, 39.
 <i>Galliformes</i>, 7.
 <i>Geopeliinæ</i>, 14.
 <i>Geotrygoninæ</i>, 15.
 <i>Glareolidæ</i>, 30.
 <i>Grues</i>, 31.
 <i>Gruidæ</i>, 31.
 <i>Gruiformes</i>, 31.
 <i>Halcyones</i>, 51.
 <i>Hemipodii</i>, 8.
 <i>Himantopodinæ</i>, 24.
 <i>Hirundinidæ</i>, 69.
 <i>Hirundininæ</i>, 69.
 <i>Ibididæ</i>, 31.
 <i>Laniidæ</i>, 91.
 <i>Laniinæ</i>, 91.
 <i>Laridæ</i>, 20. </p> |
|---|---|

- Lariformes, 20.
 Larinæ, 21.
 Loriidæ, 48.
 Macropterygidæ, 58.
 Macropygiinæ, 13.
 Megapodii, 7.
 Megapodiidæ, 7.
 Meropes, 56.
 Meropidæ, 56.
 Mesomyodi, 68.
 Motacillidæ, 100.
 Muscicapidæ, 70.
 Nectariniidæ, 98.
 Oedienemi, 30.
 Oedienemidæ, 30.
 Pachycephalinæ, 93.
 Palaeornithinæ, 48.
 Pandiones, 45.
 Pandionidæ, 45.
 Paridæ, 93.
 Parinæ, 93.
 Parra, 30.
 Parridæ, 30.
 Passeriformes, 68.
 Pelecanidæ, 40.
 Pelecaniformes, 39.
 Peristeridæ, 13.
 Phabina, 14.
 Phalacrocoracidæ, 39.
 Phasiani, 7.
 Phasianidæ, 7.
 Phoenicophainæ, 64.
 Pici, 65.
 Picidæ, 65.
 Piciformes, 65.
 Picinæ, 65.
 Pittidæ, 68.
 Platalæ, 31.
 Plectropterinæ, 36.
 Ploceidæ, 105.
 Plotidæ, 39.
 Podargi, 50.
 Podargidæ, 50.
 Podicipedidæ, 19.
 Podicipedidiformes, 19.
 Procellariidæ, 19.
 Procellariiformes, 19.
 Procellariinæ, 19.
 Psittacidæ, 48.
 Psittaciformes, 48.
 Ptilopodinæ, 10.
 Puffinidæ, 19.
 Puffinæ, 19.
 Pycnonotidæ, 78.
 Rallidæ, 15.
 Ralliformes, 15.
 Rallinæ, 15.
 Ruticillinæ, 85.
 Scansores, 64.
 Scolopacinæ, 27.
 Sittidæ, 94.
 Sterninæ, 20.
 Sturnidæ, 108.
 Strigidæ, 48.
 Strigiformes, 46.
 Sulidæ, 39.
 Sylviidæ, 87.
 Syrniinæ, 47.
 Timeliidæ, 80.
 Timeliinæ, 80.
 Totaninæ, 24.
 Treronidæ, 9.
 Treroninæ, 9.
 Trogones, 60.
 Trogonidæ, 60.
 Turdidæ, 83.
 Turdinæ, 83.
 Turnicidæ, 8.
 Turturinæ, 13.
 Zosteropidæ, 95.